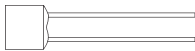
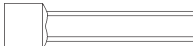


## TCO(Thermal-link) Feature & Model List Overview

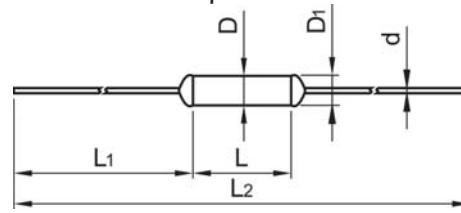
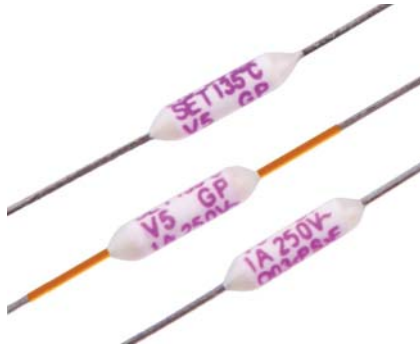
|                                             |     | P40                                                                                 | P41 | P42 | P43 | P44 | P45 | P46                                                                                 | P47  | P48 | P49  | P50 | P51 | P52 | P53 | P54  | P55     | P56                                                                                   | P57     | P58  | P59   | P60                                                                                   | P61    | P62                                                                                   | P63   | P64     | P65   | P66     | P67                                                                                   | P68   | P69  | P70                                                                                   | P71   | P72   | P73              | P79   | P80   | P81   | P82   | Page |
|---------------------------------------------|-----|-------------------------------------------------------------------------------------|-----|-----|-----|-----|-----|-------------------------------------------------------------------------------------|------|-----|------|-----|-----|-----|-----|------|---------|---------------------------------------------------------------------------------------|---------|------|-------|---------------------------------------------------------------------------------------|--------|---------------------------------------------------------------------------------------|-------|---------|-------|---------|---------------------------------------------------------------------------------------|-------|------|---------------------------------------------------------------------------------------|-------|-------|------------------|-------|-------|-------|-------|------|
| T <sub>f</sub> (°C) Rated Functioning Temp. | 230 |                                                                                     |     |     |     |     |     |                                                                                     |      |     |      |     |     |     |     |      |         |                                                                                       |         |      |       |                                                                                       | SKL230 |                                                                                       |       |         |       |         |                                                                                       |       |      |                                                                                       |       |       |                  |       |       |       |       |      |
|                                             | 221 | V31 / H31                                                                           | B31 | C31 | U31 | R31 |     | K31                                                                                 | KG31 | X31 | XG31 |     |     |     |     |      |         |                                                                                       |         |      |       | SK221                                                                                 |        | TK221                                                                                 |       |         |       |         |                                                                                       |       |      |                                                                                       |       |       |                  |       |       |       |       |      |
|                                             | 205 | V32 / H32                                                                           | B32 | C32 | U32 | R32 |     | K32                                                                                 | KG32 | X32 | XG32 |     |     |     |     |      |         |                                                                                       |         |      |       | SK205                                                                                 |        | TK205                                                                                 |       |         |       |         |                                                                                       |       |      |                                                                                       |       |       |                  |       |       |       |       |      |
|                                             | 200 |                                                                                     |     |     |     |     |     |                                                                                     |      |     |      |     |     |     |     |      |         |                                                                                       |         |      |       |                                                                                       | SKL200 |                                                                                       |       |         |       |         |                                                                                       |       |      |                                                                                       |       |       |                  |       |       |       |       |      |
|                                             | 160 | V16 / H16                                                                           | B16 | C16 | U16 | R16 | F16 | K16                                                                                 | KG16 | X16 | XG16 |     |     |     | Y16 |      |         |                                                                                       |         |      |       | SK160                                                                                 |        | TK160                                                                                 |       |         |       |         |                                                                                       |       |      |                                                                                       |       |       |                  |       |       |       |       |      |
|                                             | 150 | V7                                                                                  | H7  | B7  | C7  | U7  | R7  | F7                                                                                  | K7   | KG7 | X7   | XG7 | KM7 | XM7 | Y7  | S150 | T150    | SM150                                                                                 | TM150   |      |       | SK150                                                                                 |        | TK150                                                                                 |       |         | SD150 | TD150   | PD150                                                                                 | QD150 | N150 | G150                                                                                  | TS150 | TB150 |                  | TG150 |       |       |       |      |
|                                             | 145 | V6                                                                                  | H6  | B6  | C6  | U6  | R6  | F6                                                                                  | K6   | KG6 | X6   | XG6 |     |     | Y6  |      |         |                                                                                       |         |      |       | SK145                                                                                 |        | TK145                                                                                 | SY145 | TY145   |       |         |                                                                                       |       |      |                                                                                       |       |       | HS145            | HP145 | HN145 |       |       |      |
|                                             | 139 | V13                                                                                 | H13 | B13 | C13 |     |     |                                                                                     |      |     |      |     |     |     |     |      |         |                                                                                       |         |      |       |                                                                                       |        |                                                                                       |       |         |       |         |                                                                                       |       |      |                                                                                       |       |       |                  |       |       |       |       |      |
|                                             | 136 | V9                                                                                  | H9  | B9  | C9  |     |     |                                                                                     | K9   | KG9 | X9   | XG9 |     |     | Y9  | S136 | T136    | SM136                                                                                 | TM136   | P136 | Q136  |                                                                                       |        |                                                                                       |       |         | SD136 | TD136   | PD136                                                                                 | QD136 | N136 | G136                                                                                  | TS136 | TB136 | TV136            | TG136 | HS136 | HP136 | HN136 |      |
|                                             | 135 | V5                                                                                  | H5  | B5  | C5  | U5  | R5  |                                                                                     | K5   | KG5 | X5   | XG5 | KM5 | XM5 |     |      |         |                                                                                       |         |      |       | SK135                                                                                 |        | TK135                                                                                 |       |         |       |         |                                                                                       |       |      |                                                                                       |       |       |                  |       |       |       |       |      |
|                                             | 133 | V8                                                                                  | H8  | B8  | C8  |     | F8  | K8                                                                                  | KG8  | X8  | XG8  |     |     | Y8  |     |      |         |                                                                                       |         |      |       |                                                                                       |        |                                                                                       |       |         |       |         |                                                                                       |       |      |                                                                                       |       |       |                  |       |       |       |       |      |
|                                             | 130 | V4                                                                                  | H4  | B4  | C4  | U4  | R4  | F4                                                                                  | K4   | KG4 | X4   | XG4 | KM4 | XM4 | Y4  |      |         |                                                                                       |         |      |       | SK130                                                                                 |        | TK130                                                                                 | SY130 | TY130   | SD130 | TD130   | PD130                                                                                 | QD130 | N130 | G130                                                                                  | TS130 | TB130 |                  | TG130 |       |       |       |      |
|                                             | 125 | V3                                                                                  | H3  | B3  | C3  | U3  | R3  | F3                                                                                  | K3   | KG3 | X3   | XG3 |     |     | Y3  |      |         |                                                                                       | P125    | Q125 | SK125 |                                                                                       | TK125  | SY125                                                                                 | TY125 | SD125   | TD125 | PD125   | QD125                                                                                 | N125  | G125 | TS125                                                                                 | TB125 | TV125 | TG125/<br>TG125B | HS125 | HP125 | HN125 |       |      |
|                                             | 123 |                                                                                     |     |     |     |     |     |                                                                                     |      |     |      |     |     |     |     |      |         |                                                                                       |         |      |       |                                                                                       |        |                                                                                       |       |         |       |         |                                                                                       |       |      |                                                                                       |       |       |                  |       |       |       |       |      |
|                                             | 120 |                                                                                     |     |     |     |     |     |                                                                                     |      |     |      |     |     |     |     |      |         |                                                                                       |         |      |       |                                                                                       |        |                                                                                       |       |         |       |         |                                                                                       |       |      |                                                                                       |       |       |                  |       |       |       |       |      |
|                                             | 115 | V2                                                                                  | H2  | B2  | C2  | U2  | R2  | F2                                                                                  | K2   | KG2 | X2   | XG2 |     |     | Y2  | S115 | T115    | SM115                                                                                 | TM115   | P115 | Q115  | SK115                                                                                 |        | TK115                                                                                 | SY115 | TY115   | SD115 | TD115   | PD115                                                                                 | QD115 | N115 | G115                                                                                  | TS115 | TB115 |                  | TG115 |       |       |       |      |
|                                             | 105 |                                                                                     |     |     |     |     |     |                                                                                     |      |     |      |     |     |     |     |      |         |                                                                                       |         |      |       |                                                                                       |        |                                                                                       |       |         |       |         |                                                                                       |       |      |                                                                                       |       |       |                  |       |       |       |       |      |
|                                             | 102 | V1                                                                                  | H1  | B1  | C1  | U1  | R1  | F1                                                                                  | K1   | KG1 | X1   | XG1 |     |     | Y1  | S102 | T102    | SM102                                                                                 | TM102   | P102 | Q102  | SK102                                                                                 |        | TK102                                                                                 |       |         | SD102 | TD102   | PD102                                                                                 | QD102 | N102 | G102                                                                                  | TS102 | TB102 |                  | TG102 |       |       |       |      |
|                                             | 97  | V21                                                                                 | H21 | B21 | C21 |     |     |                                                                                     |      |     |      |     |     |     |     |      |         |                                                                                       |         |      |       |                                                                                       |        |                                                                                       |       |         |       |         |                                                                                       |       |      |                                                                                       |       |       |                  |       |       |       |       |      |
|                                             | 95  |                                                                                     |     |     |     |     |     |                                                                                     |      |     |      |     |     |     |     |      |         |                                                                                       |         |      |       |                                                                                       |        |                                                                                       |       | SY95    | TY95  |         |                                                                                       |       |      |                                                                                       |       |       |                  |       |       |       |       |      |
| 86                                          | V18 | H18                                                                                 | B18 | C18 | U18 | R18 | F18 | K18                                                                                 | KG18 | X18 | XG18 |     |     | Y18 |     |      |         |                                                                                       |         |      |       |                                                                                       |        |                                                                                       |       |         |       |         |                                                                                       |       |      |                                                                                       |       |       | TG86             |       |       |       |       |      |
| 76                                          | V0  | H0                                                                                  | B0  | C0  | U0  | R0  | F0  | K0                                                                                  | KG0  | X0  | XG0  |     |     | Y0  |     |      |         |                                                                                       |         |      |       |                                                                                       |        |                                                                                       |       |         |       |         |                                                                                       |       |      |                                                                                       |       |       |                  |       |       |       |       |      |
| I <sub>r</sub> (A)<br>Rated Current         |     | 1                                                                                   | 2   | 3   | 5   | 10  | 15  | 1                                                                                   | 2    | 2   | 3    | 3   | 2   | 3   | 5   | 10   | 15 / 16 | 10                                                                                    | 15 / 16 | 20   | 25    | 10                                                                                    | 10     | 15 / 16                                                                               | 10    | 15 / 16 | 10    | 15 / 16 | 20                                                                                    | 25    | 30   | 40                                                                                    | 100   | 200   | 70               | 15    | 5     | 10    | 15    |      |
| Product Structure                           |     |  |     |     |     |     |     |  |      |     |      |     |     |     |     |      |         |  |         |      |       |  |        |  |       |         |       |         |  |       |      |  |       |       |                  |       |       |       |       |      |
|                                             |     | Axial Shape                                                                         |     |     |     |     |     | Radial Shape                                                                        |      |     |      |     |     |     |     |      |         | RadialShape<br>(Screw Hole)                                                           |         |      |       | Cylindrical                                                                           |        | Radial Shape                                                                          |       |         |       |         | Radial Shape<br>(Flat Electrode)                                                      |       |      | Axial Shape<br>(Flat Electrode)                                                       |       |       |                  |       |       |       |       |      |

## Thermal-link

V Series  $I_r$  : 1 A

Spiralbis Tech Inc.

**SETfuse**  
www.spiralbis.com



Dimensions (mm)

| L       | L <sub>1</sub> | L <sub>2</sub> | D        | D <sub>1</sub> | d          |
|---------|----------------|----------------|----------|----------------|------------|
| 6.5±0.5 | 37±2           | 80.5±3.0       | Φ2.1±0.5 | ≤Φ2.6          | Φ0.50±0.05 |

### Key Features

- Ceramic Case
- Non-resettable
- High Accuracy of Function Temp.
- RoHS & REACH Compliant

### Specifications

| Model | $T_f$ | Fusing Temp. | $T_h$ | $T_m$ | $I_r$ | $U_r$  | UL | CUL | TUV | PSE | CCC | KTL | RoHS | REACH |
|-------|-------|--------------|-------|-------|-------|--------|----|-----|-----|-----|-----|-----|------|-------|
|       | (°C)  | (°C)         | (°C)  | (°C)  | (A)   | (V)    |    |     |     |     |     |     |      |       |
| V0    | 76    | 73±2         | 53    | 200   | 1     | AC 250 |    |     | •   | •   | •   | •   | •    | •     |
|       |       |              |       |       |       | AC 125 | •  | •   |     |     |     |     |      | •     |
|       |       |              |       |       |       | DC 50  | •  | •   |     |     |     |     |      | •     |
| V18   | 86    | 81±2         | 61    | 200   | 1     | AC 250 |    |     | •   | •   | •   | •   | •    | •     |
|       |       |              |       |       |       | AC 125 | •  | •   |     |     |     |     |      | •     |
|       |       |              |       |       |       | DC 50  | •  | •   |     |     |     |     |      | •     |
| V21   | 97    | 93±2         | 70    | 200   | 1     | AC 125 | •  | •   |     |     |     |     |      | •     |
|       |       |              |       |       |       | DC 50  | •  | •   |     |     |     |     |      | •     |
| V1    | 102   | 98±2         | 79    | 200   | 1     | AC 250 |    |     | •   | •   | •   | •   | •    | •     |
|       |       |              |       |       |       | AC 125 | •  | •   |     |     |     |     |      | •     |
|       |       |              |       |       |       | DC 50  | •  | •   |     |     |     |     |      | •     |
| V2    | 115   | 111±2        | 91    | 200   | 1     | AC 250 | •  | •   | •   | •   | •   | •   | •    | •     |
|       |       |              |       |       |       | DC 50  | •  | •   |     |     |     |     |      | •     |
| V3    | 125   | 121±2        | 100   | 200   | 1     | AC 250 | •  | •   | •   | •   | •   | •   | •    | •     |
|       |       |              |       |       |       | DC 50  | •  | •   |     |     |     |     |      | •     |
| V4    | 130   | 125±2        | 106   | 200   | 1     | AC 250 | •  | •   | •   | •   | •   | •   | •    | •     |
|       |       |              |       |       |       | DC 50  | •  | •   |     |     |     |     |      | •     |
| V8    | 133   | 130±2        | 111   | 200   | 1     | AC 250 | •  | •   | •   | •   | •   | •   | •    | •     |
|       |       |              |       |       |       | DC 50  | •  | •   |     |     |     |     |      | •     |
| V5    | 135   | 130±2        | 111   | 200   | 1     | AC 250 | •  | •   | •   | •   | •   | •   | •    | •     |
|       |       |              |       |       |       | DC 50  | •  | •   |     |     |     |     |      | •     |
| V9    | 136   | 131±2        | 112   | 200   | 1     | AC 250 | •  | •   | •   | •   | •   | •   | •    | •     |
|       |       |              |       |       |       | DC 50  | •  | •   |     |     |     |     |      | •     |
| V13   | 139   | 135±2        | 115   | 200   | 1     | AC 250 | •  | •   | •   | •   | •   | •   | •    | •     |
|       |       |              |       |       |       | DC 50  | •  | •   |     |     |     |     |      | •     |
| V6    | 145   | 140±2        | 121   | 200   | 1     | AC 250 | •  | •   | •   | •   | •   | •   | •    | •     |
|       |       |              |       |       |       | DC 50  | •  | •   |     |     |     |     |      | •     |
| V7    | 150   | 145±2        | 126   | 200   | 1     | AC 250 | •  | •   | •   | •   | •   | •   | •    | •     |
|       |       |              |       |       |       | DC 50  | •  | •   |     |     |     |     |      | •     |

### Applications

- Electric Blankets
- Electric Aroma Diffusers
- Home Electrical Appliances
- Motors
- Lamps
- Switched-mode Power Supply
- Transformers

### Customization

- Other Temp. Can be Customized
- The Length of Lead Wires Can be Customized as Required.
- Taping Packing Available
- Lead Wires Can be Insulated

### Packaging Information

- Q'TY: 50 kPCS/Cartron
- Carton Size: 440 × 300 × 260 (mm)

### Agency Information

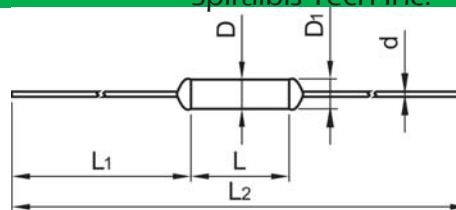
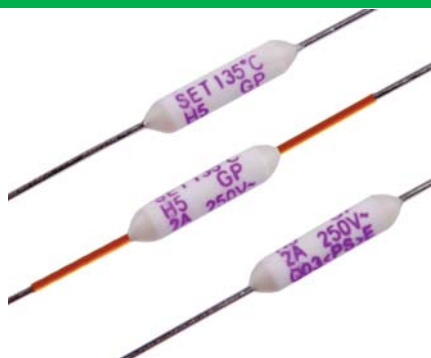
- CCC: 2009010205350868
- UL / CUL: E214712
- TUV: R50112716
- KTL: SU05023-11001/2/3
- PSE: 15020870/71/72/73/74

## Thermal-link

H Series  $I_r : 2 A$

Spiralbis Tech Inc.

SET fuse  
www.spiralbis.com



Dimensions (mm)

| L       | L <sub>1</sub> | L <sub>2</sub> | D        | D <sub>1</sub> | d          |
|---------|----------------|----------------|----------|----------------|------------|
| 9.0±0.5 | 36±2           | 81±3           | Φ2.5±0.5 | ≤Φ3.0          | Φ0.54±0.05 |

### Key Features

- Ceramic Case
- Non-resettable
- High Accuracy of Function Temp.
- RoHS & REACH Compliant

### Applications

- Electric Blankets
- Electric Aroma Diffusers
- Home Electrical Appliances
- Motors
- Lamps
- Switched-mode Power Supply
- Transformers

### Customization

- Other Temp. Can be Customized
- The Length of Lead Wires Can be Customized as Required.
- Taping Packing Available
- Lead Wires Can be Insulated

### Packaging Information

- Q'TY: 50 kPCS/Cartron
- Carton Size: 440 × 300 × 260 (mm)

### Agency Information

- CCC: 2009010205350867  
2011010205470983
- UL / CUL: E214712
- TUV: R50259420
- KTL: SU05023-11001/2/3
- PSE: 15020870/71/72  
73/74/75/76

### Specifications

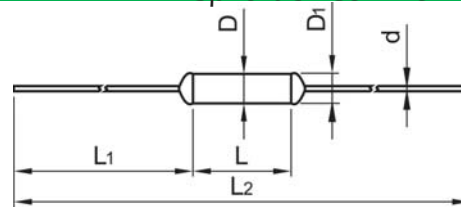
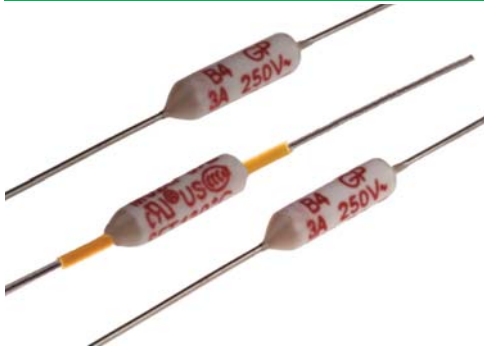
| Model       | T <sub>f</sub> | Fusing Temp. | T <sub>h</sub> | T <sub>m</sub> | I <sub>r</sub> | U <sub>r</sub> | UL | CUL | TUV | PSE | CCC | KTL | RoHS  |
|-------------|----------------|--------------|----------------|----------------|----------------|----------------|----|-----|-----|-----|-----|-----|-------|
|             | (°C)           | (°C)         | (°C)           | (°C)           | (A)            | (V)            | UL | CUL | TUV | PSE | CCC | KTL | REACH |
| H0          | 76             | 73±2         | 53             | 200            | 2              | AC 250         |    |     | •   | •   | •   | •   | •     |
|             |                |              |                |                |                | AC 125         | •  | •   |     |     |     |     | •     |
|             |                |              |                |                |                | DC 50          | •  | •   |     |     |     |     | •     |
| H18         | 86             | 81±2         | 61             | 200            | 2              | AC 250         |    |     | •   | •   | •   | •   | •     |
|             |                |              |                |                |                | AC 125         | •  | •   |     |     |     |     | •     |
|             |                |              |                |                |                | DC 50          | •  | •   |     |     |     |     | •     |
| H21         | 97             | 93±2         | 70             | 200            | 2              | AC 125         | •  | •   |     | •   |     |     | •     |
|             |                |              |                |                |                | DC 50          | •  | •   |     |     |     |     | •     |
|             |                |              |                |                |                |                |    |     |     |     |     |     |       |
| H1          | 102            | 98±2         | 79             | 200            | 2              | AC 250         |    |     | •   | •   | •   | •   | •     |
|             |                |              |                |                |                | AC 125         | •  | •   |     |     |     |     | •     |
|             |                |              |                |                |                | DC 50          | •  | •   |     |     |     |     | •     |
| H2          | 115            | 111±2        | 91             | 200            | 2              | AC 250         | •  | •   | •   | •   | •   | •   | •     |
|             |                |              |                |                |                | DC 50          | •  | •   |     |     |     |     | •     |
|             |                |              |                |                |                |                |    |     |     |     |     |     |       |
| H3          | 125            | 121±2        | 100            | 200            | 2              | AC 250         | •  | •   | •   | •   | •   | •   | •     |
|             |                |              |                |                |                | DC 60          | •  | •   |     |     |     |     | •     |
|             |                |              |                |                |                |                |    |     |     |     |     |     |       |
| H4          | 130            | 125±2        | 106            | 200            | 2              | AC 250         | •  | •   | •   | •   | •   | •   | •     |
|             |                |              |                |                |                | DC 50          | •  | •   |     |     |     |     | •     |
|             |                |              |                |                |                |                |    |     |     |     |     |     |       |
| H8          | 133            | 130±2        | 111            | 200            | 2              | AC 250         | •  | •   | •   | •   | •   | •   | •     |
|             |                |              |                |                |                | DC 50          | •  | •   |     |     |     |     | •     |
|             |                |              |                |                |                |                |    |     |     |     |     |     |       |
| H5          | 135            | 130±2        | 111            | 200            | 2              | AC 250         | •  | •   | •   | •   | •   | •   | •     |
|             |                |              |                |                |                | DC 50          | •  | •   |     |     |     |     | •     |
|             |                |              |                |                |                |                |    |     |     |     |     |     |       |
| H9          | 136            | 131±2        | 112            | 200            | 2              | AC 250         | •  | •   | •   | •   | •   | •   | •     |
|             |                |              |                |                |                | DC 50          | •  | •   |     |     |     |     | •     |
|             |                |              |                |                |                |                |    |     |     |     |     |     |       |
| H13         | 139            | 135±2        | 115            | 200            | 2              | AC 250         | •  | •   | •   | •   | •   | •   | •     |
|             |                |              |                |                |                | DC 50          | •  | •   |     |     |     |     | •     |
|             |                |              |                |                |                |                |    |     |     |     |     |     |       |
| H6          | 145            | 140±2        | 121            | 200            | 2              | AC 250         | •  | •   | •   | •   | •   | •   | •     |
|             |                |              |                |                |                | DC 50          | •  | •   |     |     |     |     | •     |
|             |                |              |                |                |                |                |    |     |     |     |     |     |       |
| H7          | 150            | 145±2        | 126            | 200            | 2              | AC 250         | •  | •   | •   | •   | •   | •   | •     |
|             |                |              |                |                |                | DC 50          | •  | •   |     |     |     |     | •     |
|             |                |              |                |                |                |                |    |     |     |     |     |     |       |
| V16/<br>H16 | 160            | 154±2        | 135            | 200            | 1 / 2          | AC 250         |    |     | •   | •   | •   | •   | •     |
|             |                |              |                |                |                | DC 60          |    |     | •   |     | •   |     | •     |
|             |                |              |                |                |                |                |    |     |     |     |     |     |       |
| V32/<br>H32 | 205            | 199±3        | 169            | 250            | 1 / 2          | AC 250         |    |     | •   |     | •   |     | •     |
|             |                |              |                |                |                | AC 125         | •  | •   |     |     |     |     | •     |
|             |                |              |                |                |                | DC 60          | •  | •   | •   |     | •   |     | •     |
| V31/<br>H31 | 221            | 218±2        | 188            | 250            | 1 / 2          | AC 250         | •  | •   | •   |     | •   |     | •     |
|             |                |              |                |                |                | AC 125         | •  | •   |     |     |     |     | •     |
|             |                |              |                |                |                | DC 60          | •  | •   | •   |     | •   |     | •     |

## Thermal-link

B Series  $I_r : 3\text{ A}$

Spiralbis Tech Inc.

SET fuse  
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Dimensions (mm)

| L        | L <sub>1</sub> | L <sub>2</sub> | D        | D <sub>1</sub> | d          |
|----------|----------------|----------------|----------|----------------|------------|
| 10.0±0.5 | 35±2           | 80±3           | Φ3.0±0.5 | ≤Φ3.5          | Φ0.54±0.05 |

### Key Features

- Ceramic Case
- Non-resettable
- High Accuracy of Function Temp.
- RoHS & REACH Compliant

### Applications

- Electric Blankets
- Electric Aroma Diffusers
- Home Electrical Appliances
- Motors
- Lamps
- Switched-mode Power Supply
- Transformers

### Customization

- Other Temp. Can be Customized
- The Length of Lead Wires Can be Customized as Required.
- Taping Packing Available
- Lead Wires Can be Insulated

### Packaging Information

- Q'TY:  
50 kPCS/Carton
- Carton Size:  
440 × 300 × 260 (mm)

### Agency Information

- CCC: 2009010205350867
- UL / CUL: E214712
- TUV: R50259434
- KTL: SU05023-11001/2/3
- PSE: 15020870/71/72

73/74/75/76

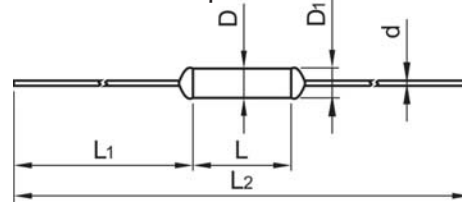
### Specifications

| Model | $T_f$ | Fusing Temp. | $T_h$ | $T_m$ | $I_r$ | $U_r$  | UL | CUL | TUV | PSE | CCC | KTL | RoHS | REACH |
|-------|-------|--------------|-------|-------|-------|--------|----|-----|-----|-----|-----|-----|------|-------|
|       | (°C)  | (°C)         | (°C)  | (°C)  | (A)   | (V)    | UL | CUL | TUV | PSE | CCC | KTL | RoHS | REACH |
| B0    | 76    | 73±2         | 53    | 200   | 3     | AC 250 |    |     | •   | •   | •   | •   | •    | •     |
|       |       |              |       |       |       | AC 125 | •  | •   |     |     |     |     | •    | •     |
|       |       |              |       |       |       | DC 50  | •  | •   |     |     |     |     | •    | •     |
| B18   | 86    | 81±2         | 61    | 200   | 3     | AC 250 |    |     | •   | •   | •   | •   | •    | •     |
|       |       |              |       |       |       | AC 125 | •  | •   |     |     |     |     | •    | •     |
|       |       |              |       |       |       | DC 50  | •  | •   |     |     |     |     | •    | •     |
| B21   | 97    | 93±2         | 70    | 200   | 3     | AC 125 | •  | •   |     | •   |     |     | •    | •     |
|       |       |              |       |       |       | DC 50  | •  | •   |     |     |     |     | •    | •     |
| B1    | 102   | 98±2         | 79    | 200   | 3     | AC 250 |    |     | •   | •   | •   | •   | •    | •     |
|       |       |              |       |       |       | AC 125 | •  | •   |     |     |     |     | •    | •     |
|       |       |              |       |       |       | DC 50  | •  | •   |     |     |     |     | •    | •     |
| B2    | 115   | 111±2        | 91    | 200   | 3     | AC 125 | •  | •   | •   | •   | •   | •   | •    | •     |
|       |       |              |       |       |       | DC 50  | •  | •   |     |     |     |     | •    | •     |
| B3    | 125   | 121±2        | 100   | 200   | 3     | AC 125 | •  | •   | •   | •   | •   | •   | •    | •     |
|       |       |              |       |       |       | DC 50  | •  | •   |     |     |     |     | •    | •     |
| B4    | 130   | 125±2        | 106   | 200   | 3     | AC 125 | •  | •   | •   | •   | •   | •   | •    | •     |
|       |       |              |       |       |       | DC 50  | •  | •   |     |     |     |     | •    | •     |
| B8    | 133   | 130±2        | 111   | 200   | 3     | AC 125 | •  | •   | •   | •   | •   | •   | •    | •     |
|       |       |              |       |       |       | DC 50  | •  | •   |     |     |     |     | •    | •     |
| B5    | 135   | 130±2        | 111   | 200   | 3     | AC 125 | •  | •   | •   | •   | •   | •   | •    | •     |
|       |       |              |       |       |       | DC 50  | •  | •   |     |     |     |     | •    | •     |
| B9    | 136   | 131±2        | 112   | 200   | 3     | AC 125 | •  | •   | •   | •   | •   | •   | •    | •     |
|       |       |              |       |       |       | DC 50  | •  | •   |     |     |     |     | •    | •     |
| B13   | 139   | 135±2        | 115   | 200   | 3     | AC 125 | •  | •   | •   | •   | •   | •   | •    | •     |
|       |       |              |       |       |       | DC 50  | •  | •   |     |     |     |     | •    | •     |
| B6    | 145   | 140±2        | 121   | 200   | 3     | AC 125 | •  | •   | •   | •   | •   | •   | •    | •     |
|       |       |              |       |       |       | DC 50  | •  | •   |     |     |     |     | •    | •     |
| B7    | 150   | 145±2        | 126   | 200   | 3     | AC 125 | •  | •   | •   | •   | •   | •   | •    | •     |
|       |       |              |       |       |       | DC 50  | •  | •   |     |     |     |     | •    | •     |
| B16   | 160   | 154±2        | 135   | 200   | 3     | AC 250 |    |     | •   | •   | •   |     | •    | •     |
|       |       |              |       |       |       | DC 60  |    |     | •   |     |     |     | •    | •     |
| B32   | 205   | 199±3        | 169   | 250   | 3     | AC 250 |    |     | •   |     | •   |     | •    | •     |
|       |       |              |       |       |       | AC 125 | •  | •   |     |     |     |     | •    | •     |
| B31   | 221   | 218±2        | 188   | 250   | 3     | DC 60  | •  | •   | •   |     |     |     | •    | •     |
|       |       |              |       |       |       | AC 250 | •  | •   |     |     | •   |     | •    | •     |
| B31   | 221   | 218±2        | 188   | 250   | 3     | AC 125 | •  | •   |     |     |     |     | •    | •     |
|       |       |              |       |       |       | DC 60  | •  | •   | •   |     |     |     | •    | •     |

## Thermal-link

C Series  $I_r$  : 5 A

**SET** fuse  
Spiralbis Tech Inc. www.spiralbis.com



Dimensions (mm)

| L        | L <sub>1</sub> | L <sub>2</sub> | D        | D <sub>1</sub> | d          |
|----------|----------------|----------------|----------|----------------|------------|
| 11.5±0.5 | 35±2           | 81.5±3.0       | Φ3.3±0.5 | ≤Φ3.8          | Φ0.80±0.05 |

### Key Features

- Ceramic Case
- Non-resettable
- Alloy Type Thermal-link
- RoHS & REACH Compliant

### Specifications

| Model | $T_f$ | Fusing Temp. | $T_h$ | $T_m$ | $I_r$ | $U_r$  | $I_n$                 | $I_{max}$           | UL | CUL | TUV | PSE | CCC | KTL | RoHS | REACH |
|-------|-------|--------------|-------|-------|-------|--------|-----------------------|---------------------|----|-----|-----|-----|-----|-----|------|-------|
|       | (°C)  | (°C)         | (°C)  | (°C)  | (A)   | (V)    | 8/20 μs<br>(15 Times) | 8/20 μs<br>(1 Time) |    |     |     |     |     |     |      |       |
| C0    | 76    | 73±2         | 53    | 200   | 5     | AC 250 | 2                     | 4                   |    |     | •   | •   | •   | •   | •    | •     |
|       |       |              |       |       |       | AC 250 | 2                     | 4                   |    |     | •   | •   | •   | •   | •    | •     |
| C18   | 86    | 81±2         | 61    | 200   | 5     | AC 125 | 2                     | 4                   | •  | •   |     |     |     |     |      | •     |
|       |       |              |       |       |       | DC 50  | 2                     | 4                   | •  | •   |     |     |     |     |      | •     |
| C21   | 97    | 93±2         | 70    | 200   | 5     | AC 125 | 2                     | 4                   | •  | •   |     |     |     |     |      | •     |
|       |       |              |       |       |       | DC 50  | 2                     | 4                   | •  | •   |     |     |     |     |      | •     |
|       |       |              |       |       |       | AC 250 | 3                     | 6                   |    |     | •   | •   | •   | •   | •    | •     |
| C1    | 102   | 98±2         | 77    | 200   | 5     | AC 125 | 3                     | 6                   | •  | •   |     |     |     |     |      | •     |
|       |       |              |       |       |       | DC 50  | 3                     | 6                   | •  | •   |     |     |     |     |      | •     |
| C2    | 115   | 111±2        | 89    | 200   | 5     | AC 250 | 3                     | 6                   | •  | •   | •   | •   | •   | •   | •    | •     |
|       |       |              |       |       | 7     | DC 50  | 3                     | 6                   | •  | •   |     |     |     |     |      | •     |
| C3    | 125   | 121±2        | 98    | 200   | 5     | AC 250 | 3                     | 6                   | •  | •   | •   | •   | •   | •   | •    | •     |
|       |       |              |       |       | 7     | DC 50  | 3                     | 6                   | •  | •   |     |     |     |     |      | •     |
| C4    | 130   | 125±2        | 103   | 200   | 5     | AC 250 | 3                     | 6                   | •  | •   | •   | •   | •   | •   | •    | •     |
|       |       |              |       |       | 7     | DC 50  | 3                     | 6                   | •  | •   |     |     |     |     |      | •     |
| C8    | 133   | 130±2        | 108   | 200   | 5     | AC 250 | 3                     | 6                   | •  | •   | •   | •   | •   | •   | •    | •     |
|       |       |              |       |       | 7     | DC 50  | 3                     | 6                   | •  | •   |     |     |     |     |      | •     |
| C5    | 135   | 130±2        | 108   | 200   | 5     | AC 250 | 3                     | 6                   | •  | •   | •   | •   | •   | •   | •    | •     |
|       |       |              |       |       | 7     | DC 50  | 3                     | 6                   | •  | •   |     |     |     |     |      | •     |
| C9    | 136   | 131±2        | 111   | 200   | 5     | AC 250 | 3                     | 6                   | •  | •   | •   | •   | •   | •   | •    | •     |
|       |       |              |       |       | 7     | DC 50  | 3                     | 6                   | •  | •   |     |     |     |     |      | •     |
| C13   | 139   | 135±2        | 112   | 200   | 5     | AC 250 | 3                     | 6                   | •  | •   | •   | •   | •   | •   | •    | •     |
|       |       |              |       |       | 7     | DC 50  | 3                     | 6                   | •  | •   |     |     |     |     |      | •     |
| C6    | 145   | 140±2        | 118   | 200   | 5     | AC 250 | 3                     | 6                   | •  | •   | •   | •   | •   | •   | •    | •     |
|       |       |              |       |       | 7     | DC 50  | 3                     | 6                   | •  | •   |     |     |     |     |      | •     |
| C7    | 150   | 145±2        | 123   | 200   | 5     | AC 250 | 3                     | 6                   | •  | •   | •   | •   | •   | •   | •    | •     |
|       |       |              |       |       | 7     | DC 50  | 3                     | 6                   | •  | •   |     |     |     |     |      | •     |
| C16   | 160   | 154±2        | 133   | 200   | 5     | AC 250 | 3                     | 6                   |    |     | •   | •   | •   | •   | •    | •     |
|       |       |              |       |       |       | DC 60  | 3                     | 6                   |    |     | •   |     | •   | •   | •    | •     |
|       |       |              |       |       |       | AC 250 | 3.5                   | 7                   |    |     | •   |     | •   | •   | •    | •     |
| C32   | 205   | 199±3        | 167   | 250   | 5     | AC 125 | 3.5                   | 7                   | •  | •   |     |     |     |     |      | •     |
|       |       |              |       |       |       | DC 60  | 3.5                   | 7                   | •  | •   | •   |     | •   | •   | •    | •     |
|       |       |              |       |       |       | AC 250 | 3.5                   | 7                   | •  | •   | •   |     | •   | •   | •    | •     |
| C31   | 221   | 218±2        | 186   | 250   | 5     | AC 125 | 3.5                   | 7                   | •  | •   |     |     |     |     |      | •     |
|       |       |              |       |       |       | DC 60  | 3.5                   | 7                   | •  | •   | •   |     | •   | •   | •    | •     |

### Applications

- Capacitors
- Power Strips
- Home Electrical Appliances
- Motors
- Lamps
- Switched-mode Power Supply
- Transformers

### Customization

- Other Temp. Can be Customized
- The Length of Lead Wires Can be Customized as Required.
- Taping Packing Available
- Lead Wires Can be Insulated

### Packaging Information

- Q'TY: 30 kPCS/ Carton
- Carton Size: 440 × 300 × 260 (mm)

### Agency Information

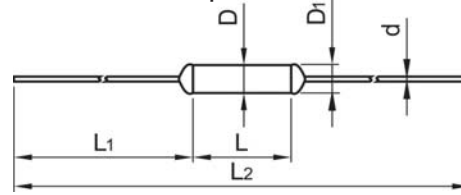
- CCC: 2009010205350866
- UL / CUL: E214712
- TUV: R50259363
- KTL: SU05023-11001/2/3
- PSE: 15020870/71/72  
73/74/75/76

## Thermal-link

U Series  $I_r$  : 10 A

Spiralbis Tech Inc.

**SET fuse**  
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Dimensions (mm)

| L        | L <sub>1</sub> | L <sub>2</sub> | D        | D <sub>1</sub> | d          |
|----------|----------------|----------------|----------|----------------|------------|
| 14.0±0.5 | 34±2           | 82±3           | Φ4.0±0.5 | ≤Φ4.5          | Φ1.05±0.05 |

### Key Features

- Ceramic Case
- Non-resettable
- High Accuracy of Function Temp.
- RoHS & REACH Compliant

### Applications

- Capacitors
- Power Strips
- Home Electrical Appliances
- Motors
- Lamps
- Switched-mode Power Supply
- Transformers

### Customization

- Other Temp. Can be Customized
- The Length of Lead Wires Can be Customized as Required.
- Taping Packing Available
- Lead Wires Can be Insulated

### Packaging Information

- Q'TY:  
15 kPCS/Carton
- Carton Size:  
440 × 300 × 260 (mm)

### Agency Information

- CCC: 2011010205470986
- TUV: R50207621

### Specifications

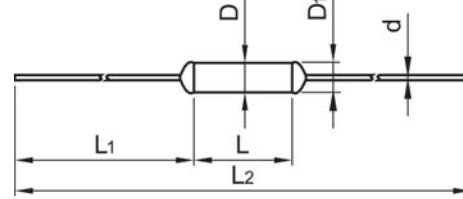
| Model | $T_f$<br>(°C) | Fusing Temp.<br>(°C) | $T_h$<br>(°C) | $T_m$<br>(°C) | $I_r$<br>(A) | $U_r$<br>(V) | $I_n$<br>8/20 $\mu$ s<br>(15 Times)<br>(kA) | $I_{max}$<br>8/20 $\mu$ s<br>(1 Time)<br>(kA) | CCC | TUV | RoHS<br>REACH |
|-------|---------------|----------------------|---------------|---------------|--------------|--------------|---------------------------------------------|-----------------------------------------------|-----|-----|---------------|
| U0    | 76            | 73±2                 | 43            | 200           | 10           | AC 250       | 3                                           | 6                                             | •   | •   | •             |
|       |               |                      |               |               |              | DC 60        | 3                                           | 6                                             | •   | •   | •             |
| U18   | 86            | 81±2                 | 51            | 200           | 10           | AC 250       | 3                                           | 6                                             | •   | •   | •             |
|       |               |                      |               |               |              | DC 60        | 3                                           | 6                                             | •   | •   | •             |
| U1    | 102           | 98±2                 | 72            | 200           | 10           | AC 250       | 4                                           | 8                                             | •   | •   | •             |
|       |               |                      |               |               |              | DC 60        | 4                                           | 8                                             | •   | •   | •             |
| U2    | 115           | 111±2                | 85            | 200           | 10           | AC 250       | 4                                           | 8                                             | •   | •   | •             |
|       |               |                      |               |               |              | DC 60        | 4                                           | 8                                             | •   | •   | •             |
| U3    | 125           | 121±2                | 95            | 200           | 10           | AC 250       | 4                                           | 8                                             | •   | •   | •             |
|       |               |                      |               |               |              | DC 60        | 4                                           | 8                                             | •   | •   | •             |
| U4    | 130           | 125±2                | 100           | 200           | 10           | AC 250       | 4                                           | 8                                             | •   | •   | •             |
|       |               |                      |               |               |              | DC 60        | 4                                           | 8                                             | •   | •   | •             |
| U5    | 135           | 130±2                | 105           | 200           | 10           | AC 250       | 4                                           | 8                                             | •   | •   | •             |
|       |               |                      |               |               |              | DC 60        | 4                                           | 8                                             | •   | •   | •             |
| U6    | 145           | 140±2                | 115           | 200           | 10           | AC 250       | 4                                           | 8                                             | •   | •   | •             |
|       |               |                      |               |               |              | DC 60        | 4                                           | 8                                             | •   | •   | •             |
| U7    | 150           | 145±2                | 120           | 200           | 10           | AC 250       | 4                                           | 8                                             | •   | •   | •             |
|       |               |                      |               |               |              | DC 60        | 4                                           | 8                                             | •   | •   | •             |
| U16   | 160           | 155±2                | 130           | 200           | 10           | AC 250       | 4                                           | 8                                             | •   | •   | •             |
|       |               |                      |               |               |              | DC 60        | 4                                           | 8                                             | •   | •   | •             |
| U32   | 205           | 199±3                | 167           | 250           | 10           | AC 250       | 5                                           | 10                                            | •   | •   | •             |
|       |               |                      |               |               |              | DC 60        | 5                                           | 10                                            | •   | •   | •             |
| U31   | 221           | 218±2                | 186           | 250           | 10           | AC 250       | 5                                           | 10                                            | •   | •   | •             |
|       |               |                      |               |               |              | DC 60        | 5                                           | 10                                            | •   | •   | •             |

## Thermal-link

R Series  $I_r$ : 15 A

Spiralbis Tech Inc.

**SET** fuse  
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Dimensions (mm)

| L        | L <sub>1</sub> | L <sub>2</sub> | D        | D <sub>1</sub> | d          |
|----------|----------------|----------------|----------|----------------|------------|
| 14.0±0.5 | 34±2           | 82±3           | Φ4.0±0.5 | ≤Φ4.5          | Φ 1.2±0.05 |

### Key Features

- Ceramic Case
- Non-resettable
- High Accuracy of Function Temp.
- RoHS & REACH Compliant

### Applications

- Capacitors
- Power Strips
- Home Electrical Appliances
- Motors
- Lamps
- Switched-mode Power Supply
- Transformers

### Customization

- Other Temp. Can be Customized
- The Length of Lead Wires Can be Customized as Required.
- Taping Packing Available
- Lead Wires Can be Insulated

### Packaging Information

- Q'TY:  
15 kPCS/Cartron
- Carton Size:  
440 × 300 × 260 (mm)

### Agency Information

- CCC:2011010205470986
- TUV:R50207621

### Specifications

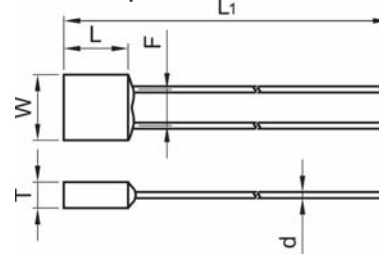
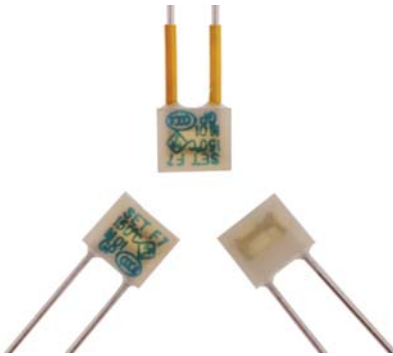
| Model | T <sub>f</sub> | Fusing Temp. | T <sub>h</sub> | T <sub>m</sub> | I <sub>r</sub> | U <sub>r</sub> | I <sub>n</sub><br>8/20 μs<br>(15 Times) | I <sub>max</sub><br>8/20 μs<br>(1 Time) | CCC | TUV | RoHS<br>REACH |
|-------|----------------|--------------|----------------|----------------|----------------|----------------|-----------------------------------------|-----------------------------------------|-----|-----|---------------|
|       | (°C)           | (°C)         | (°C)           | (°C)           | (A)            | (V)            | (kA)                                    | (kA)                                    | CCC | TUV |               |
| R0    | 76             | 73±2         | 43             | 200            | 15             | AC 250         | 5                                       | 10                                      | •   | •   | •             |
|       |                |              |                |                |                | DC 60          | 5                                       | 10                                      | •   | •   | •             |
| R18   | 86             | 81±2         | 51             | 200            | 15             | AC 250         | 5                                       | 10                                      | •   | •   | •             |
|       |                |              |                |                |                | DC 60          | 5                                       | 10                                      | •   | •   | •             |
| R1    | 102            | 98±2         | 72             | 200            | 15             | AC 250         | 6                                       | 12                                      | •   | •   | •             |
|       |                |              |                |                |                | DC 60          | 6                                       | 12                                      | •   | •   | •             |
| R2    | 115            | 111±2        | 85             | 200            | 15             | AC 250         | 6                                       | 12                                      | •   | •   | •             |
|       |                |              |                |                |                | DC 60          | 6                                       | 12                                      | •   | •   | •             |
| R3    | 125            | 121±2        | 95             | 200            | 15             | AC 250         | 6                                       | 12                                      | •   | •   | •             |
|       |                |              |                |                |                | DC 60          | 6                                       | 12                                      | •   | •   | •             |
| R4    | 130            | 125±2        | 100            | 200            | 15             | AC 250         | 6                                       | 12                                      | •   | •   | •             |
|       |                |              |                |                |                | DC 60          | 6                                       | 12                                      | •   | •   | •             |
| R5    | 135            | 130±2        | 105            | 200            | 15             | AC 250         | 6                                       | 12                                      | •   | •   | •             |
|       |                |              |                |                |                | DC 60          | 6                                       | 12                                      | •   | •   | •             |
| R6    | 145            | 140±2        | 115            | 200            | 15             | AC 250         | 6                                       | 12                                      | •   | •   | •             |
|       |                |              |                |                |                | DC 60          | 6                                       | 12                                      | •   | •   | •             |
| R7    | 150            | 145±2        | 120            | 200            | 15             | AC 250         | 6                                       | 12                                      | •   | •   | •             |
|       |                |              |                |                |                | DC 60          | 6                                       | 12                                      | •   | •   | •             |
| R16   | 160            | 155±2        | 130            | 200            | 15             | AC 250         | 6                                       | 12                                      | •   | •   | •             |
|       |                |              |                |                |                | DC 60          | 6                                       | 12                                      | •   | •   | •             |
| R32   | 205            | 199±3        | 167            | 250            | 15             | AC 250         | 7                                       | 14                                      | •   | •   | •             |
|       |                |              |                |                |                | DC 60          | 7                                       | 14                                      | •   | •   | •             |
| R31   | 221            | 218±2        | 186            | 250            | 15             | AC 250         | 7                                       | 14                                      | •   | •   | •             |
|       |                |              |                |                |                | DC 60          | 7                                       | 14                                      | •   | •   | •             |

## Thermal-link

F Series  $I_r : 1 A$

Spiralbis Tech Inc.

SET fuse  
www.spiralbis.com



Dimensions (mm)

| L       | L <sub>1</sub> | W       | T       | d          | F       |
|---------|----------------|---------|---------|------------|---------|
| 4.1±0.5 | 60±2           | 5.2±0.5 | 2.3±0.2 | Φ0.50±0.05 | 3.2±0.5 |

### Key Features

- Transparent Plastic Case
- Non-resettable
- High Accuracy of Function Temp.
- RoHS & REACH Compliant

### Applications

- Lamps
- Switched-mode Power Supply
- Home Electrical Appliances
- Transformers
- Motors
- Batteries

### Customization

- Other Temp. Can be Customized
- The Length of Lead Wires Can be Customized as Required.
- Lead Wires Can be Insulated
- Tinned Copper Wires or CP Wires

### Packaging Information

- Q'TY: 50 kPCS/ Carton
- Carton Size: 440 × 300 × 260 (mm)

### Agency Information

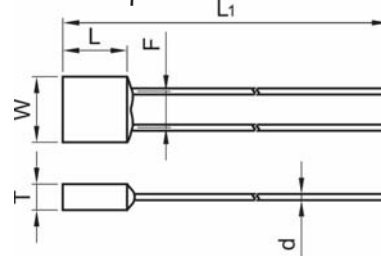
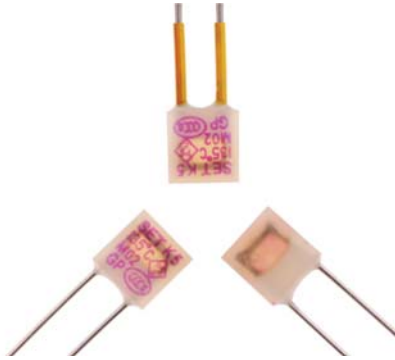
- CCC: 2009010205346076
- UL / CUL: E214712
- TUV: R50161758
- VDE: 40004041
- KTL: SU05023-6002A/6003B
- PSE: 09020140/41/42/43/44

### Specifications

| Model | $T_f$<br>(°C) | Fusing Temp.<br>(°C) | $T_h$<br>(°C) | $T_m$<br>(°C) | $I_r$<br>(A) | $U_r$<br>(Vac) | UL | CUL | PSE | VDE | TUV | CCC | KTL | RoHS<br>REACH |
|-------|---------------|----------------------|---------------|---------------|--------------|----------------|----|-----|-----|-----|-----|-----|-----|---------------|
| F0    | 76            | 73±2                 | 53            | 200           | 1            | 250            | •  | •   | •   |     |     | •   |     | •             |
| F18   | 86            | 81±2                 | 61            | 200           | 1            | 250            | •  | •   | •   |     |     | •   |     | •             |
| F1    | 102           | 98±2                 | 79            | 200           | 1            | 250            | •  | •   | •   | •   | •   | •   | •   | •             |
| F2    | 115           | 111±2                | 91            | 200           | 1            | 250            | •  | •   | •   | •   | •   | •   | •   | •             |
| F3    | 125           | 121±2                | 100           | 200           | 1            | 250            | •  | •   | •   | •   | •   | •   | •   | •             |
| F4    | 130           | 125±2                | 106           | 200           | 1            | 250            | •  | •   | •   | •   | •   | •   | •   | •             |
| F8    | 133           | 130±2                | 111           | 200           | 1            | 250            | •  | •   | •   | •   |     | •   | •   | •             |
| F6    | 145           | 140±2                | 121           | 200           | 1            | 250            | •  | •   | •   |     |     |     |     | •             |
| F7    | 150           | 145±2                | 126           | 200           | 1            | 250            | •  | •   | •   | •   | •   | •   | •   | •             |
| F16   | 160           | 154±2                | 135           | 200           | 1            | 250            |    |     | •   |     |     | •   |     | •             |

Thermal-link

Thermal-link



Dimensions (mm)

| L       | L <sub>1</sub> | W       | T       | d           | F       |
|---------|----------------|---------|---------|-------------|---------|
| 5.8±0.5 | 70±2           | 5.8±0.5 | 2.3±0.2 | Φ 0.54±0.05 | 3.7±0.5 |

## Key Features

- Transparent Plastic Case
- Non-resettable
- High Accuracy of Function Temp.
- RoHS & REACH Compliant

## Applications

- Lamps
- Switched-mode Power Supply
- Home Electrical Appliances
- Transformers
- Motors
- Batteries

## Customization

- Other Temp. Can be Customized
- The Length of Lead Wires Can be Customized as Required.
- Lead Wires Can be Insulated
- Tinned Copper Wires or CP Wires

## Packaging Information

- Q'TY:  
50 kPCS/ Carton
- Carton Size:  
440 × 300 × 260 (mm)

## Agency Information

- CCC: 2009010205346083
- UL / CUL: E214712
- TUV: R50161772/779
- VDE: 40017055
- KTL: SU05023-  
6001A/6002A/6003B
- PSE: 09020140/41/42/43/44

## Specifications

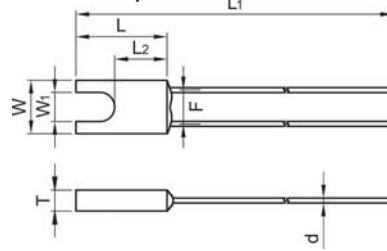
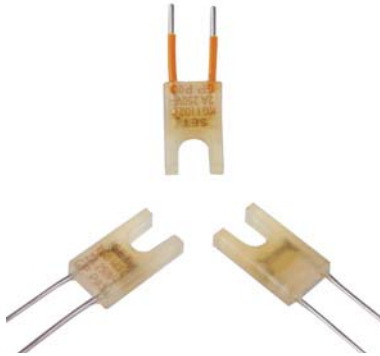
| Model | T <sub>f</sub> | Fusing Temp. | T <sub>h</sub> | T <sub>m</sub> | I <sub>r</sub> | U <sub>r</sub> | UL | CUL | PSE | VDE | TUV | CCC | KTL | RoHS | REACH |
|-------|----------------|--------------|----------------|----------------|----------------|----------------|----|-----|-----|-----|-----|-----|-----|------|-------|
|       | (°C)           | (°C)         | (°C)           | (°C)           | (A)            | (V)            |    |     |     |     |     |     |     |      |       |
| K0    | 76             | 73±2         | 53             | 200            | 2              | AC 250         | •  | •   | •   |     |     | •   | •   |      |       |
| K18   | 86             | 81±2         | 61             | 200            | 2              | AC 250         | •  | •   | •   | •   |     | •   | •   | •    |       |
|       |                |              |                |                |                | DC 60          | •  | •   |     |     |     |     |     |      | •     |
| K1    | 102            | 98±2         | 79             | 200            | 2              | AC 250         | •  | •   | •   | •   | •   | •   | •   | •    |       |
|       |                |              |                |                |                | DC 60          | •  | •   |     |     |     |     |     |      | •     |
| K2    | 115            | 111±2        | 91             | 200            | 2              | AC 250         | •  | •   | •   | •   | •   | •   | •   | •    |       |
|       |                |              |                |                |                | DC 60          | •  | •   |     |     |     |     |     |      | •     |
| K3    | 125            | 121±2        | 100            | 200            | 2              | AC 250         | •  | •   | •   | •   | •   | •   | •   | •    |       |
|       |                |              |                |                |                | DC 60          | •  | •   |     |     |     |     |     |      | •     |
| K4    | 130            | 125±2        | 106            | 200            | 2              | AC 250         | •  | •   | •   | •   | •   | •   | •   | •    |       |
| K8    | 133            | 130±2        | 111            | 200            | 2              | AC 250         | •  | •   | •   | •   |     | •   | •   | •    |       |
| K5    | 135            | 130±2        | 111            | 200            | 2              | AC 250         | •  | •   | •   | •   |     | •   | •   | •    |       |
| K9    | 136            | 131±2        | 112            | 200            | 2              | AC 250         | •  | •   | •   | •   |     | •   | •   | •    |       |
| K6    | 145            | 140±2        | 121            | 200            | 2              | AC 250         | •  | •   | •   | •   |     | •   | •   | •    |       |
| K7    | 150            | 145±2        | 126            | 200            | 2              | AC 250         | •  | •   | •   | •   | •   | •   | •   | •    |       |
| K16   | 160            | 154±2        | 135            | 200            | 2              | AC 250         |    |     | •   |     |     | •   |     | •    |       |
| K32   | 205            | 199±3        | 169            | 250            | 2              | AC 250         | •  | •   |     |     |     | •   | •   |      | •     |
| K31   | 221            | 218±2        | 188            | 250            | 2              | AC 250         | •  | •   |     |     |     | •   | •   |      | •     |

## Thermal-link

KG Series  $I_r : 2 A$

Spiralbis Tech Inc.

SET fuse  
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Dimensions (mm)

| L        | L <sub>1</sub> | L <sub>2</sub> | W       | W <sub>1</sub> | T       | d          | F       |
|----------|----------------|----------------|---------|----------------|---------|------------|---------|
| 10.0±0.5 | 74±2           | 5.8±0.5        | 5.8±0.5 | 3.2±0.5        | 2.3±0.2 | Φ0.54±0.05 | 3.7±0.5 |

### Key Features

- Transparent Plastic Case
- Non-resettable
- High Accuracy of Function Temp.
- Make a Mounting Hole
- RoHS & REACH Compliant

### Applications

- Lamps
- Switched-mode Power Supply
- Home Electrical Appliances
- Batteries

### Customization

- Other Temp. Can be Customized
- The Length of Lead Wires Can be Customized as Required.
- Lead Wires Can be Insulated
- Tinned Copper Wires or CP Wires

### Packaging Information

- Q'TY:  
15 kPCS/Carton
- Carton Size:  
440 × 300 × 260 (mm)

### Agency Information

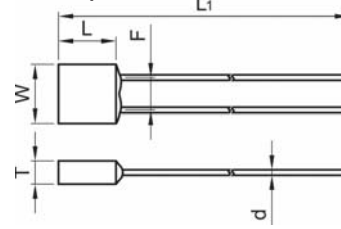
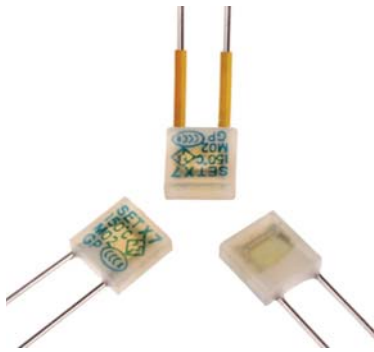
- CCC: 2009010205346083
- UL / CUL: E214712
- PSE:

### Specifications

| Model | $T_f$<br>(°C) | Fusing Temp.<br>(°C) | $T_h$<br>(°C) | $T_m$<br>(°C) | $I_r$<br>(A) | $U_r$<br>(V) |      | UL | CUL | CCC | PSE | RoHS REACH |
|-------|---------------|----------------------|---------------|---------------|--------------|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-----|-----|-----|------------|
| KG0   | 76            | 73±2                 | 53            | 200           | 2            | AC 250       | ●                                                                                                                                                                                                                                                                                                                                                                                                                                   | ●  | ●   | ●   | ●   | ●          |
| KG18  | 86            | 81±2                 | 61            | 200           | 2            | AC 250       | ●                                                                                                                                                                                                                                                                                                                                                                                                                                   | ●  | ●   | ●   | ●   | ●          |
|       |               |                      |               |               |              | DC 60        | ●                                                                                                                                                                                                                                                                                                                                                                                                                                   | ●  |     |     |     | ●          |
| KG1   | 102           | 98±2                 | 79            | 200           | 2            | AC 250       | ●                                                                                                                                                                                                                                                                                                                                                                                                                                   | ●  | ●   | ●   | ●   | ●          |
|       |               |                      |               |               |              | DC 60        | ●                                                                                                                                                                                                                                                                                                                                                                                                                                   | ●  |     |     |     | ●          |
| KG2   | 115           | 111±2                | 91            | 200           | 2            | AC 250       | ●                                                                                                                                                                                                                                                                                                                                                                                                                                   | ●  | ●   | ●   | ●   | ●          |
|       |               |                      |               |               |              | DC 60        | ●                                                                                                                                                                                                                                                                                                                                                                                                                                   | ●  |     |     |     | ●          |
| KG3   | 125           | 121±2                | 100           | 200           | 2            | AC 250       | ●                                                                                                                                                                                                                                                                                                                                                                                                                                   | ●  | ●   | ●   | ●   | ●          |
|       |               |                      |               |               |              | DC 60        | ●                                                                                                                                                                                                                                                                                                                                                                                                                                   | ●  |     |     |     | ●          |
| KG4   | 130           | 125±2                | 106           | 200           | 2            | AC 250       | ●                                                                                                                                                                                                                                                                                                                                                                                                                                   | ●  | ●   | ●   | ●   | ●          |
| KG8   | 133           | 130±2                | 111           | 200           | 2            | AC 250       | ●                                                                                                                                                                                                                                                                                                                                                                                                                                   | ●  | ●   | ●   | ●   | ●          |
| KG5   | 135           | 130±2                | 111           | 200           | 2            | AC 250       | ●                                                                                                                                                                                                                                                                                                                                                                                                                                   | ●  | ●   | ●   | ●   | ●          |
| KG9   | 136           | 131±2                | 112           | 200           | 2            | AC 250       | ●                                                                                                                                                                                                                                                                                                                                                                                                                                   | ●  | ●   | ●   | ●   | ●          |
| KG6   | 145           | 140±2                | 121           | 200           | 2            | AC 250       | ●                                                                                                                                                                                                                                                                                                                                                                                                                                   | ●  | ●   | ●   | ●   | ●          |
| KG7   | 150           | 145±2                | 126           | 200           | 2            | AC 250       | ●                                                                                                                                                                                                                                                                                                                                                                                                                                   | ●  | ●   | ●   | ●   | ●          |
| KG16  | 160           | 154±2                | 135           | 200           | 2            | AC 250       |                                                                                                                                                                                                                                                                                                                                                                                                                                     |    | ●   | ●   | ●   | ●          |
| KG32  | 205           | 199±3                | 169           | 250           | 2            | AC 250       | ●                                                                                                                                                                                                                                                                                                                                                                                                                                   | ●  | ●   | ●   | ●   | ●          |
| KG31  | 221           | 218±2                | 188           | 250           | 2            | AC 250       | ●                                                                                                                                                                                                                                                                                                                                                                                                                                   | ●  | ●   | ●   | ●   | ●          |

Thermal-link

Thermal-link



Dimensions (mm)

| L       | L <sub>1</sub> | W       | T       | d          | F       |
|---------|----------------|---------|---------|------------|---------|
| 5.8±0.5 | 70±2           | 5.8±0.5 | 2.3±0.2 | Φ0.54±0.05 | 3.7±0.5 |

## Key Features

- Transparent Plastic Case
- Non-resettable
- High Accuracy of Function Temp.
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## Applications

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- Transformers
- Motors
- Batteries

## Customization

- Other Temp. Can be Customized
- The Length of Lead Wires Can be Customized as Required.
- Lead Wires Can be Insulated
- Tinned Copper Wires or CP Wires

## Packaging Information

- Q'TY:  
15 kPCS/Cartron
- Carton Size:  
440 × 300 × 260 (mm)

## Agency Information

- CCC: 2009010205346083
- UL / CUL: E214712
- TUV: R50161779
- VDE: 40017055
- KTL: SU05023-  
6001A/6003A/6003B
- PSE: 09020140/41/42/43/44

## Specifications

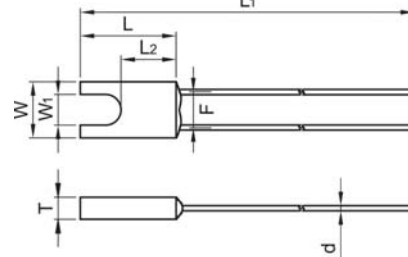
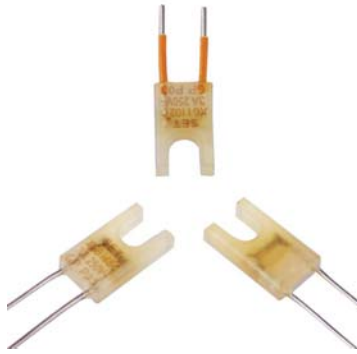
| Model | T <sub>f</sub><br>(°C) | Fusing Temp.<br>(°C) | T <sub>h</sub><br>(°C) | T <sub>m</sub><br>(°C) | I <sub>r</sub><br>(A) | U <sub>r</sub><br>(V) | UL | CUL | PSE | VDE | TUV | CCC | KTL | RoHS<br>REACH |
|-------|------------------------|----------------------|------------------------|------------------------|-----------------------|-----------------------|----|-----|-----|-----|-----|-----|-----|---------------|
| X0    | 76                     | 73±2                 | 53                     | 200                    | 3                     | AC 250                | •  | •   | •   | •   | •   | •   | •   | •             |
| X18   | 86                     | 81±2                 | 61                     | 200                    | 3                     | AC 250                | •  | •   | •   | •   | •   | •   | •   | •             |
|       |                        |                      |                        |                        |                       | DC 60                 | •  | •   | •   | •   | •   | •   | •   | •             |
| X1    | 102                    | 98±2                 | 79                     | 200                    | 3                     | AC 250                | •  | •   | •   | •   | •   | •   | •   | •             |
|       |                        |                      |                        |                        |                       | DC 60                 | •  | •   | •   | •   | •   | •   | •   | •             |
| X2    | 115                    | 111±2                | 91                     | 200                    | 3                     | AC 250                | •  | •   | •   | •   | •   | •   | •   | •             |
|       |                        |                      |                        |                        |                       | DC 60                 | •  | •   | •   | •   | •   | •   | •   | •             |
| X3    | 125                    | 121±2                | 100                    | 200                    | 3                     | AC 250                | •  | •   | •   | •   | •   | •   | •   | •             |
|       |                        |                      |                        |                        |                       | DC 60                 | •  | •   | •   | •   | •   | •   | •   | •             |
| X4    | 130                    | 125±2                | 106                    | 200                    | 3                     | AC 250                | •  | •   | •   | •   | •   | •   | •   | •             |
| X8    | 133                    | 130±2                | 111                    | 200                    | 3                     | AC 250                | •  | •   | •   | •   | •   | •   | •   | •             |
| X5    | 135                    | 130±2                | 111                    | 200                    | 3                     | AC 250                | •  | •   | •   | •   | •   | •   | •   | •             |
| X9    | 136                    | 131±2                | 112                    | 200                    | 3                     | AC 250                | •  | •   | •   | •   | •   | •   | •   | •             |
| X6    | 145                    | 140±2                | 121                    | 200                    | 3                     | AC 250                | •  | •   | •   | •   | •   | •   | •   | •             |
| X7    | 150                    | 145±2                | 126                    | 200                    | 3                     | AC 250                | •  | •   | •   | •   | •   | •   | •   | •             |
| X16   | 160                    | 154±2                | 135                    | 200                    | 3                     | AC 250                | •  | •   | •   | •   | •   | •   | •   | •             |
| X32   | 205                    | 199±3                | 169                    | 250                    | 3                     | AC 250                | •  | •   | •   | •   | •   | •   | •   | •             |
| X31   | 221                    | 218±2                | 188                    | 250                    | 3                     | AC 250                | •  | •   | •   | •   | •   | •   | •   | •             |

## Thermal-link

XG Series  $I_r : 3 A$

Spiralbis Tech Inc.

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Dimensions (mm)

| L        | L <sub>1</sub> | L <sub>2</sub> | W       | W <sub>1</sub> | T       | d          | F       |
|----------|----------------|----------------|---------|----------------|---------|------------|---------|
| 10.0±0.5 | 74±2           | 5.8±0.5        | 5.8±0.5 | 3.2±0.5        | 2.3±0.2 | Φ0.54±0.05 | 3.7±0.5 |

### Key Features

- Transparent Plastic Case
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- Home Electrical Appliances
- Batteries

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- Tinned Copper Wires or CP Wires

### Packaging Information

- Q'TY:  
50 kPCS/Carton
- Carton Size:  
440 × 300 × 260 (mm)

### Agency Information

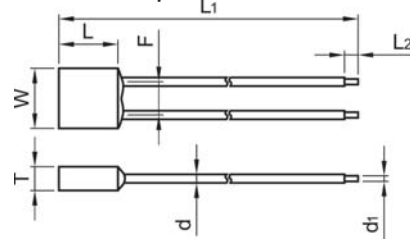
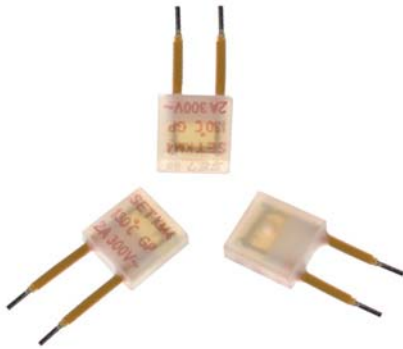
- CCC: 2009010205346083
- UL / CUL: E214712
- PSE:

### Specifications

| Model | $T_f$ | Fusing Temp. | $T_h$ | $T_m$ | $I_r$ | $U_r$  | UL | CUL | CCC | PSE | RoHS REACH |
|-------|-------|--------------|-------|-------|-------|--------|----|-----|-----|-----|------------|
|       | (°C)  | (°C)         | (°C)  | (°C)  | (A)   | (V)    | UL | CUL | CCC | PSE | RoHS REACH |
| XG0   | 76    | 73±2         | 53    | 200   | 3     | AC 250 | •  | •   | •   | •   | •          |
| XG18  | 86    | 81±2         | 61    | 200   | 3     | AC 250 | •  | •   | •   | •   | •          |
|       |       |              |       |       |       | DC 60  | •  | •   |     |     | •          |
| XG1   | 102   | 98±2         | 79    | 200   | 3     | AC 250 | •  | •   | •   | •   | •          |
|       |       |              |       |       |       | DC 60  | •  | •   |     |     | •          |
| XG2   | 115   | 111±2        | 91    | 200   | 3     | AC 250 | •  | •   | •   | •   | •          |
|       |       |              |       |       |       | DC 60  | •  | •   |     |     | •          |
| XG3   | 125   | 121±2        | 100   | 200   | 3     | AC 250 | •  | •   | •   | •   | •          |
|       |       |              |       |       |       | DC 60  | •  | •   |     |     | •          |
| XG4   | 130   | 125±2        | 106   | 200   | 3     | AC 250 | •  | •   | •   | •   | •          |
| XG8   | 133   | 130±2        | 111   | 200   | 3     | AC 250 | •  | •   | •   | •   | •          |
| XG5   | 135   | 130±2        | 111   | 200   | 3     | AC 250 | •  | •   | •   | •   | •          |
| XG9   | 136   | 131±2        | 112   | 200   | 3     | AC 250 | •  | •   | •   | •   | •          |
| XG6   | 145   | 140±2        | 121   | 200   | 3     | AC 250 | •  | •   | •   | •   | •          |
| XG7   | 150   | 145±2        | 126   | 200   | 3     | AC 250 | •  | •   | •   | •   | •          |
| XG16  | 160   | 154±2        | 135   | 200   | 3     | AC 250 |    |     | •   | •   | •          |
| XG32  | 205   | 199±3        | 169   | 250   | 3     | AC 250 | •  | •   | •   | •   | •          |
| XG31  | 221   | 218±2        | 188   | 250   | 3     | AC 250 | •  | •   | •   | •   | •          |

## Thermal-link

KM Series  $I_r : 2 A$  **SET fuse**  
Spiralbis Tech Inc. www.spiralbis.com



Dimensions (mm)

| L       | L <sub>1</sub> | L <sub>2</sub> | W       | T       | d        | d <sub>1</sub> | F       |
|---------|----------------|----------------|---------|---------|----------|----------------|---------|
| 5.8±0.5 | 70±2           | 5.0±1.0        | 5.8±0.5 | 2.3±0.2 | Φ0.8±0.1 | Φ0.54±0.05     | 3.7±0.5 |

### Key Features

- Transparent Plastic Case
- Non-resettable
- High Accuracy of Function Temp.
- Rated Voltage 300 Vac
- Lead Wires Insulated
- RoHS & REACH Compliant

### Specifications

| Model | $T_f$<br>(°C) | Fusing Temp.<br>(°C) | $T_h$<br>(°C) | $T_m$<br>(°C) | $I_r$<br>(A) | $U_r$<br>(Vac) |  UL |  CUL |  |
|-------|---------------|----------------------|---------------|---------------|--------------|----------------|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| KM4   | 130           | 125±2                | 106           | 200           | 2            | 300            | ●                                                                                      | ●                                                                                       | ●                                                                                   |
| KM5   | 135           | 130±2                | 111           | 200           | 2            | 300            | ●                                                                                      | ●                                                                                       | ●                                                                                   |
| KM7   | 150           | 145±2                | 126           | 200           | 2            | 300            | ●                                                                                      | ●                                                                                       | ●                                                                                   |

### Applications

- Motors
- Batteries
- Transformers
- Lamps
- Switched-mode Power Supply
- Home Electrical Appliances

### Customization

- Other Temp. Can be Customized
- The Length of Lead Wires Can be Customized as Required.
- Tinned Copper Wires or CP Wires

### Packaging Information

- Q'TY:  
50 kPCS/Cartron
- Carton Size:  
440 × 300 × 260 (mm)

### Agency Information

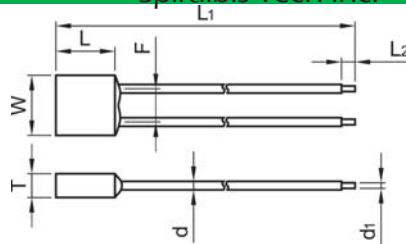
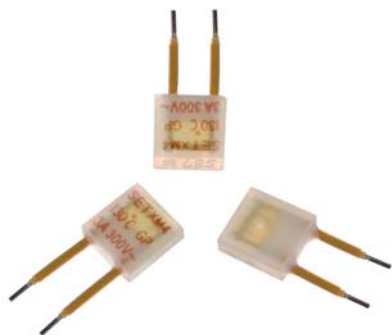
- UL / CUL: E214712

## Thermal-link

XM Series  $I_r : 3\text{ A}$

Spiralbis Tech Inc.

**SET** fuse  
www.spiralbis.com



Dimensions (mm)

| L       | L <sub>1</sub> | L <sub>2</sub> | W       | T       | d        | d <sub>1</sub> | F       |
|---------|----------------|----------------|---------|---------|----------|----------------|---------|
| 5.8±0.5 | 70±2           | 5.0±1.0        | 5.8±0.5 | 2.3±0.2 | Φ0.8±0.1 | Φ0.54±0.05     | 3.7±0.5 |

### Key Features

- Transparent Plastic Case
- Non-resettable
- High Accuracy of Function Temp.
- Rated Voltage 300 Vac
- Lead Wires Insulated
- RoHS & REACH Compliant

### Specifications

| Model | $T_f$<br>(°C) | Fusing Temp.<br>(°C) | $T_h$<br>(°C) | $T_m$<br>(°C) | $I_r$<br>(A) | $U_r$<br>(Vac) |  UL |  CUL |  |
|-------|---------------|----------------------|---------------|---------------|--------------|----------------|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| XM4   | 130           | 125±2                | 106           | 200           | 3            | 300            | ●                                                                                      | ●                                                                                       | ●                                                                                   |
| XM5   | 135           | 130±2                | 111           | 200           | 3            | 300            | ●                                                                                      | ●                                                                                       | ●                                                                                   |
| XM7   | 150           | 145±2                | 126           | 200           | 3            | 300            | ●                                                                                      | ●                                                                                       | ●                                                                                   |

### Applications

- Motors
- Batteries
- Transformers
- Lamps
- Switched-mode Power Supply
- Home Electrical Appliances

### Customization

- Other Temp. Can be Customized
- The Length of Lead Wires Can be Customized as Required.
- Tinned Copper Wires or CP Wires

### Packaging Information

- Q'TY:  
50 kPCS/Cartron
- Carton Size:  
440 × 300 × 260 (mm)

### Agency Information

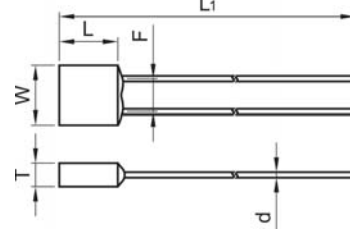
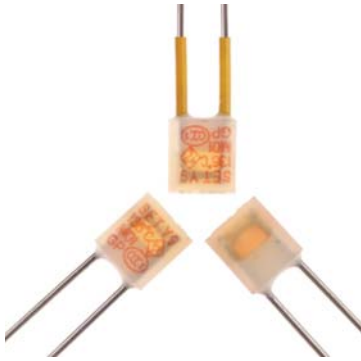
- UL / CUL: E214712

## Thermal-link

Y Series  $I_r : 5 A$

Spiralbis Tech Inc.

SET fuse  
www.spiralbis.com



Dimensions (mm)

| L       | L <sub>1</sub> | W       | T       | d          | F       |
|---------|----------------|---------|---------|------------|---------|
| 7.0±0.5 | 50±2           | 6.6±0.5 | 2.7±0.3 | Φ0.80±0.05 | 4.0±0.5 |

### Key Features

- Transparent Plastic Case
- Non-resettable
- High Accuracy of Functioning Temp.
- RoHS & REACH Compliant

### Specifications

| Model | $T_f$ | Fusing Temp. | $T_h$ | $T_m$ | $I_r$ | $U_r$ | $I_n$<br>8/20 $\mu s$<br>(15 Times) | $I_{max}$<br>8/20 $\mu s$<br>(1 Time) | UL | CUL | PSE | VDE | CCC | KTL | RoHS | REACH |
|-------|-------|--------------|-------|-------|-------|-------|-------------------------------------|---------------------------------------|----|-----|-----|-----|-----|-----|------|-------|
|       | (°C)  | (°C)         | (°C)  | (°C)  | (A)   | (Vac) | (kA)                                | (kA)                                  |    |     |     |     |     |     |      |       |
| Y0    | 76    | 73±2         | 53    | 200   | 5     | 250   | 2                                   | 4                                     | •  | •   | •   |     | •   |     | •    |       |
| Y18   | 86    | 81±2         | 61    | 200   | 5     | 250   | 2                                   | 4                                     | •  | •   | •   |     | •   |     | •    |       |
| Y1    | 102   | 98±2         | 77    | 200   | 5     | 250   | 3                                   | 6                                     | •  | •   | •   |     | •   | •   | •    |       |
| Y2    | 115   | 111±2        | 89    | 200   | 5     | 250   | 3                                   | 6                                     | •  | •   | •   | •   | •   | •   | •    |       |
| Y3    | 125   | 121±2        | 98    | 200   | 5     | 250   | 3                                   | 6                                     | •  | •   | •   | •   | •   | •   | •    |       |
| Y4    | 130   | 125±2        | 103   | 200   | 5     | 250   | 3                                   | 6                                     | •  | •   | •   | •   | •   | •   | •    |       |
| Y8    | 133   | 130±2        | 108   | 200   | 5     | 250   | 3                                   | 6                                     | •  | •   | •   | •   | •   | •   | •    |       |
| Y9    | 136   | 131±2        | 111   | 200   | 5     | 250   | 3                                   | 6                                     | •  | •   | •   | •   | •   | •   | •    |       |
| Y6    | 145   | 140±2        | 118   | 200   | 5     | 250   | 3                                   | 6                                     | •  | •   | •   |     |     |     |      | •     |
| Y7    | 150   | 145±2        | 123   | 200   | 5     | 250   | 3                                   | 6                                     | •  | •   | •   | •   | •   | •   | •    |       |
| Y16   | 160   | 154±2        | 133   | 200   | 5     | 250   | 3.5                                 | 7                                     |    |     | •   |     | •   |     | •    |       |

### Applications

- Switched-mode Power Supply
- Power Strips
- Lamps
- Home Electrical Appliances
- Batteries

### Customization

- Other Temp. Can be Customized
- The Length of Lead Wires Can be Customized as Required.
- Lead Wires can be Insulated
- Tinned Copper Wires or CP Wires

### Packaging Information

- Q'TY:  
30 kPCS/Carton
- Carton Size:  
440 × 300 × 260 (mm)

### Agency Information

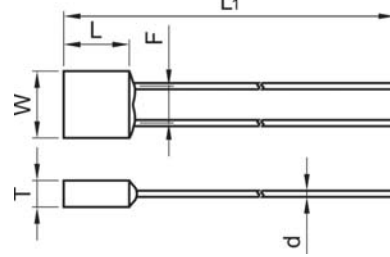
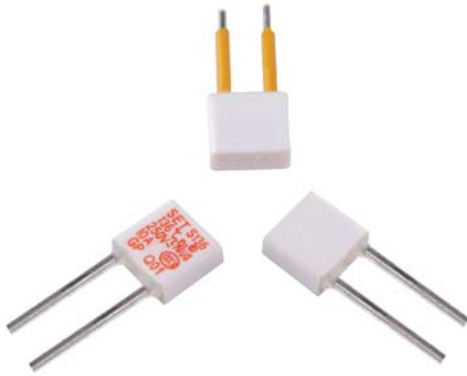
- CCC: 2009010205346082
- UL / CUL: E214712
- VDE: 40017057
- KTL: SU05023-6002A/6003B
- PSE: 09020140/41/42/43/44

## Thermal-link

S Series  $I_r$  : 10 A

Spiralbis Tech Inc.

**SET** fuse  
www.spiralbis.com



Dimensions (mm)

| L       | L <sub>1</sub> | W       | T       | d          | F       |
|---------|----------------|---------|---------|------------|---------|
| 7.5±0.5 | 35±2           | 8.3±0.5 | 3.4±0.2 | Φ1.05±0.05 | 5.2±0.5 |

### Key Features

- Plastic Case
- Non-resettable
- High Accuracy of Function Temp.
- High Surge Capacity
- RoHS & REACH Compliant

### Specifications

| Model | $T_f$ | Fusing Temp. | $T_h$ | $T_m$ | $I_r$ | $U_r$ | $I_n$<br>8/20 $\mu$ s<br>(15 Times) | $I_{max}$<br>8/20 $\mu$ s<br>(1 Time) | UL | CUL | VDE | CCC | PSE | RoHS<br>REACH |
|-------|-------|--------------|-------|-------|-------|-------|-------------------------------------|---------------------------------------|----|-----|-----|-----|-----|---------------|
|       | (°C)  | (°C)         | (°C)  | (°C)  | (A)   | (Vac) | (kA)                                | (kA)                                  | UL | CUL | VDE | CCC | PSE |               |
| S102  | 102   | 98±2         | 72    | 200   | 10    | 250   | 5                                   | 10                                    | ●  | ●   | ●   | ●   | ●   | ●             |
| S115  | 115   | 111±2        | 85    | 200   | 10    | 250   | 5                                   | 10                                    | ●  | ●   | ●   | ●   | ●   | ●             |
| S136  | 136   | 131±2        | 106   | 200   | 10    | 250   | 5                                   | 10                                    | ●  | ●   | ●   | ●   | ●   | ●             |
| S150  | 150   | 145±2        | 118   | 200   | 10    | 250   | 5                                   | 10                                    | ●  | ●   |     |     |     | ●             |

### Applications

- SPD
- Power Strips
- Lamps
- Switched-mode Power Supply
- Home Electrical Appliances
- Batteries

### Customization

- Other Temp. Can be Customized
- The Length of Lead Wires Can be Customized as Required.
- Lead Wires Can be Insulated

### Packaging Information

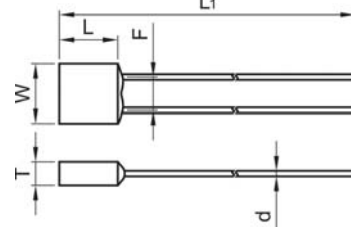
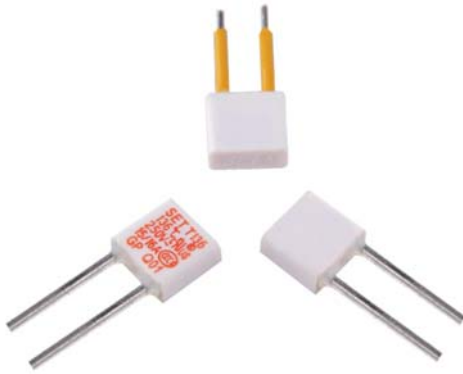
- Q'TY:  
20 kPCS/Cartron
- Carton Size:  
440 × 300 × 260 (mm)

### Agency Information

- CCC: 2009010205346078
- UL / CUL: E214712
- VDE: 40018082
- PSE: 09020121/22

Thermal-link

Thermal-link



Dimensions (mm)

| L       | L <sub>1</sub> | W       | T       | d          | F       |
|---------|----------------|---------|---------|------------|---------|
| 7.5±0.5 | 35±2           | 8.3±0.5 | 3.4±0.2 | Φ1.05±0.05 | 5.2±0.5 |

## Key Features

- Plastic Case
- Non-resettable
- High Accuracy of Function Temp.
- High Surge Capacity
- RoHS & REACH Compliant

## Specifications

| Model | $T_f$ | Fusing Temp. | $T_h$ | $T_m$ | $I_r$   | $U_r$ | $I_n$<br>8/20 $\mu$ s<br>(15 Times) | $I_{max}$<br>8/20 $\mu$ s<br>(1 Time) | UL | CUL | VDE | CCC | PSE | RoHS<br>REACH |
|-------|-------|--------------|-------|-------|---------|-------|-------------------------------------|---------------------------------------|----|-----|-----|-----|-----|---------------|
|       | (°C)  | (°C)         | (°C)  | (°C)  | (A)     | (Vac) | (kA)                                | (kA)                                  | UL | CUL | VDE | CCC | PSE |               |
| T102  | 102   | 98±2         | 72    | 200   | 15 / 16 | 250   | 6                                   | 12                                    | ●  | ●   | ●   | ●   | ●   | ●             |
| T115  | 115   | 111±2        | 85    | 200   | 15 / 16 | 250   | 6                                   | 12                                    | ●  | ●   | ●   | ●   | ●   | ●             |
| T136  | 136   | 131±2        | 106   | 200   | 15 / 16 | 250   | 6                                   | 12                                    | ●  | ●   | ●   | ●   | ●   | ●             |
| T150  | 150   | 145±2        | 118   | 200   | 15 / 16 | 250   | 6                                   | 12                                    | ●  | ●   |     |     |     | ●             |

## Applications

- SPD
- Power Strips
- Lamps
- Switched-mode Power Supply
- Home Electrical Appliances
- Batteries

## Customization

- Other Temp. Can be Customized
- The Length of Lead Wires Can be Customized as Required.
- Lead Wires Can be Insulated

## Packaging Information

- Q'TY:  
20 kPCS/ Carton
- Carton Size:  
440 × 300 × 260 (mm)

## Agency Information

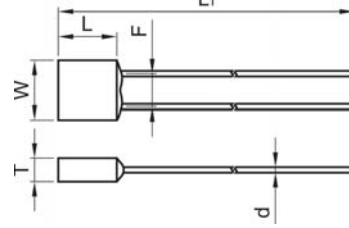
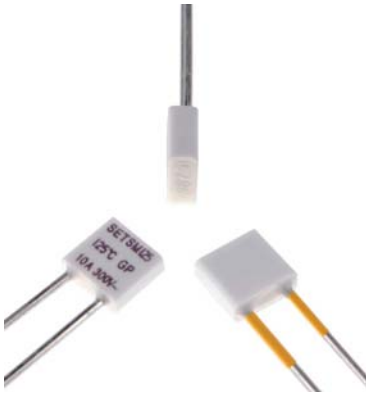
- CCC: 2009010205346078
- UL / CUL: E214712
- VDE: 40018082
- PSE: 09020121/45/46

## Thermal-link

SM Series  $I_r$  : 10 A

Spiralbis Tech Inc.

**SET** fuse  
www.spiralbis.com



Dimensions (mm)

| L       | L <sub>1</sub> | W       | T       | d          | F       |
|---------|----------------|---------|---------|------------|---------|
| 7.5±0.5 | 35±2           | 8.3±0.5 | 3.4±0.2 | Φ1.05±0.05 | 5.2±0.5 |

### Key Features

- Plastic Case
- Non-resettable
- High Accuracy of Function Temp.
- Rated Voltage 300 Vac
- High Surge Capacity
- RoHS & REACH Compliant

### Specifications

| Model | $T_f$ | Fusing Temp. | $T_h$ | $T_m$ | $I_r$ | $U_r$ | $I_n$<br>8/20 $\mu$ s<br>(15 Times) | $I_{max}$<br>8/20 $\mu$ s<br>(1 Time) |  |  |  |
|-------|-------|--------------|-------|-------|-------|-------|-------------------------------------|---------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|       | (°C)  | (°C)         | (°C)  | (°C)  | (A)   | (Vac) | (kA)                                | (kA)                                  | UL                                                                                  | CUL                                                                                 | REACH                                                                               |
| SM102 | 102   | 98±2         | 72    | 200   | 10    | 300   | 5                                   | 10                                    | ●                                                                                   | ●                                                                                   | ●                                                                                   |
| SM115 | 115   | 111±2        | 85    | 200   | 10    | 300   | 5                                   | 10                                    | ●                                                                                   | ●                                                                                   | ●                                                                                   |
| SM136 | 136   | 131±2        | 106   | 200   | 10    | 300   | 5                                   | 10                                    | ●                                                                                   | ●                                                                                   | ●                                                                                   |
| SM150 | 150   | 145±2        | 118   | 200   | 10    | 300   | 5                                   | 10                                    | ●                                                                                   | ●                                                                                   | ●                                                                                   |

### Applications

- SPD
- Power Strips
- Lamps
- Switched-mode Power Supply
- Home Electrical Appliances
- Batteries

### Customization

- Other Temp. Can be Customized
- The Length of Lead Wires Can be Customized as Required.
- Lead Wires Can be Insulated

### Packaging Information

- Q'TY:  
20 kPCS/Carton
- Carton Size:  
440 × 300 × 260 (mm)

### Agency Information

- UL / CUL: E214712

Thermal-link

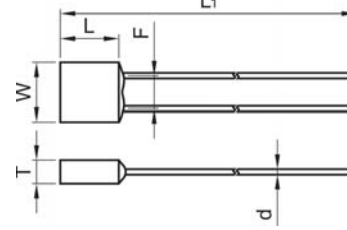
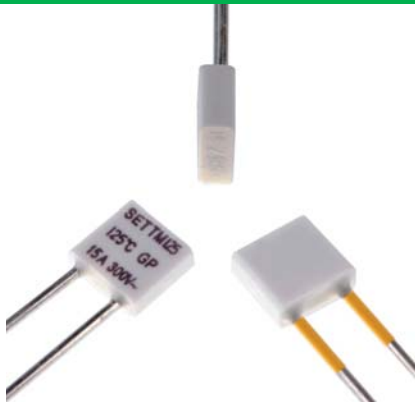
Thermal-link

## Thermal-link

TM Series  $I_r$  : 15 / 16 A

Spiralbis Tech Inc.

**SET** fuse  
www.spiralbis.com



Dimensions (mm)

| L       | L <sub>1</sub> | W       | T       | d          | F       |
|---------|----------------|---------|---------|------------|---------|
| 7.5±0.5 | 35±2           | 8.3±0.5 | 3.4±0.2 | Φ1.05±0.05 | 5.2±0.5 |

### Key Features

- Plastic Case
- Non-resettable
- High Accuracy of Function Temp.
- Rated Voltage 300 Vac
- High Surge Capacity
- RoHS & REACH Compliant

### Specifications

| Model | $T_f$<br>(°C) | Fusing Temp.<br>(°C) | $T_h$<br>(°C) | $T_m$<br>(°C) | $I_r$<br>(A) | $U_r$<br>(Vac) | $I_n$<br>8/20 $\mu$ s<br>(15 Times)<br>(kA) | $I_{max}$<br>8/20 $\mu$ s<br>(1 Time)<br>(kA) | UL <sup>®</sup> | CUL <sup>®</sup> | RoHS<br>REACH |
|-------|---------------|----------------------|---------------|---------------|--------------|----------------|---------------------------------------------|-----------------------------------------------|-----------------|------------------|---------------|
| TM102 | 102           | 98±2                 | 72            | 200           | 15 / 16      | 300            | 6                                           | 12                                            | ●               | ●                | ●             |
| TM115 | 115           | 111±2                | 85            | 200           | 15 / 16      | 300            | 6                                           | 12                                            | ●               | ●                | ●             |
| TM136 | 136           | 131±2                | 106           | 200           | 15 / 16      | 300            | 6                                           | 12                                            | ●               | ●                | ●             |
| TM150 | 150           | 145±2                | 118           | 200           | 15 / 16      | 300            | 6                                           | 12                                            | ●               | ●                | ●             |

### Applications

- SPD
- Power Strips
- Lamps
- Switched-mode Power Supply
- Home Electrical Appliances
- Batteries

### Customization

- Other Temp. Can be Customized
- The Length of Lead Wires Can be Customized as Required.
- Lead Wires Can be Insulated

### Packaging Information

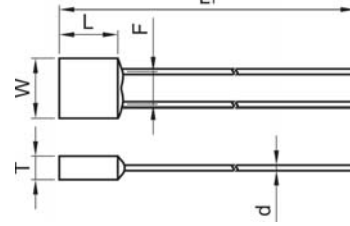
- Q'TY:  
20 kPCS/Carton
- Carton Size:  
440 × 300 × 260 (mm)

### Agency Information

- UL / CUL: E214712

## Thermal-link

P Series  $I_r$  : 20 A **SET fuse**  
Spiralbis Tech Inc. www.spiralbis.com



Dimensions (mm)

| L        | L <sub>1</sub> | W        | T       | d          | F       |
|----------|----------------|----------|---------|------------|---------|
| 11.5±0.5 | 50±2           | 10.8±0.5 | 4.8±0.2 | Φ1.60±0.05 | 6.6±0.5 |

### Key Features

- Plastic Case
- Non-resettable
- High Accuracy of Function Temp.
- High Surge Capacity
- RoHS & REACH Compliant

### Specifications

| Model | $T_f$ | Fusing Temp. | $T_h$ | $T_m$ | $I_r$ | $U_r$  | $I_n$<br>8/20 $\mu$ s<br>(15 Times) | $I_{max}$<br>8/20 $\mu$ s<br>(1 Time) | UL | CUL | CCC | TUV | RoHS<br>REACH |
|-------|-------|--------------|-------|-------|-------|--------|-------------------------------------|---------------------------------------|----|-----|-----|-----|---------------|
|       | (°C)  | (°C)         | (°C)  | (°C)  | (A)   | (V)    | (kA)                                | (kA)                                  | UL | CUL | CCC | TUV |               |
| P102  | 102   | 98±2         | 66    | 200   | 20    | AC 400 | 15                                  | 25                                    |    |     |     |     |               |
|       |       |              |       |       |       | DC 120 |                                     |                                       |    |     |     |     |               |
| P115  | 115   | 111±2        | 82    | 200   | 20    | AC 250 | 15                                  | 25                                    | ●  | ●   |     |     | ●             |
|       |       |              |       |       |       | AC 400 |                                     |                                       |    |     |     |     |               |
|       |       |              |       |       |       | DC 120 |                                     |                                       |    |     |     |     |               |
|       |       |              |       |       |       |        |                                     |                                       |    |     |     |     |               |
| P125  | 125   | 121±2        | 90    | 200   | 20    | AC 400 | 15                                  | 25                                    |    |     |     |     |               |
|       |       |              |       |       |       | DC 120 |                                     |                                       |    |     |     |     |               |
| P136  | 136   | 131±2        | 102   | 200   | 20    | AC 250 | 15                                  | 25                                    | ●  | ●   |     |     | ●             |
|       |       |              |       |       |       | AC 400 |                                     |                                       |    |     |     |     |               |
|       |       |              |       |       |       | DC 120 |                                     |                                       |    |     |     |     |               |

### Applications

- SPD
- Power Strips
- Lamps
- Switched-mode Power Supply
- Home Electrical Appliances
- Batteries

### Customization

- Other Temp. Can be Customized
- The Length of Lead Wires Can be Customized as Required.

### Packaging Information

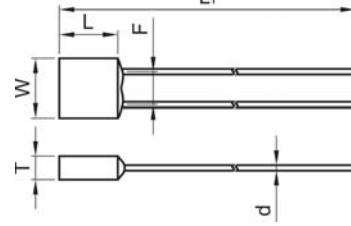
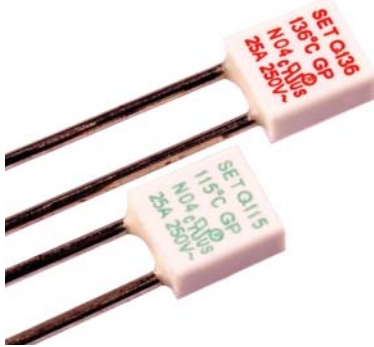
- Q'TY:  
9 kPCS/ Carton
- Carton Size:  
440 × 300 × 260 (mm)

### Agency Information

- CCC: 2013010205622062
- UL / CUL: E214712
- TUV: R50259029

## Thermal-link

Q Series  $I_r$  : 25 A **SETfuse**  
Spiralbis Tech Inc. www.spiralbis.com



Dimensions (mm)

| L        | L <sub>1</sub> | W        | T       | d          | F       |
|----------|----------------|----------|---------|------------|---------|
| 11.5±0.5 | 50±2           | 10.8±0.5 | 4.8±0.2 | Φ1.60±0.05 | 6.6±0.5 |

### Key Features

- Plastic Case
- Non-resettable
- High Accuracy of Function Temp.
- High Surge Capacity
- RoHS & REACH Compliant

### Applications

- SPD
- Power Strips
- Lamps
- Switched-mode Power Supply
- Home Electrical Appliances
- Batteries

### Customization

- Other Temp. Can be Customized
- The Length of Lead Wires Can be Customized as Required

### Packaging Information

- Q'TY:  
9 kPCS/Carton
- Carton Size:  
440 × 300 × 260 (mm)

### Agency Information

- CCC: 2013010205622062
- UL / CUL: E214712
- TUV: R50259029

### Specifications

| Model | $T_f$ | Fusing Temp. | $T_h$ | $T_m$ | $I_r$ | $U_r$  | $I_n$<br>8/20 $\mu$ s<br>(15 Times) | $I_{max}$<br>8/20 $\mu$ s<br>(1 Time) | UL <sup>®</sup> | CUL <sup>®</sup> | CCC <sup>®</sup> | TUV Rheinland | RoHS<br>REACH |
|-------|-------|--------------|-------|-------|-------|--------|-------------------------------------|---------------------------------------|-----------------|------------------|------------------|---------------|---------------|
|       | (°C)  | (°C)         | (°C)  | (°C)  | (A)   | (V)    | (kA)                                | (kA)                                  | UL              | CUL              | CCC              | TUV           |               |
| Q102  | 102   | 98±2         | 66    | 200   | 25    | AC 400 | 20                                  | 30                                    |                 |                  |                  |               |               |
|       |       |              |       |       |       | DC 120 |                                     |                                       |                 |                  |                  |               |               |
| Q115  | 115   | 111±2        | 82    | 200   | 25    | AC 250 | 20                                  | 30                                    | •               | •                |                  |               | •             |
|       |       |              |       |       |       | AC 400 |                                     |                                       |                 |                  |                  |               |               |
|       |       |              |       |       |       | DC 120 |                                     |                                       |                 |                  |                  |               |               |
| Q125  | 125   | 121±2        | 90    | 200   | 25    | AC 400 | 20                                  | 30                                    |                 |                  |                  |               |               |
|       |       |              |       |       |       | DC 120 |                                     |                                       |                 |                  |                  |               |               |
| Q136  | 136   | 131±2        | 102   | 200   | 25    | AC 250 | 20                                  | 30                                    | •               | •                |                  |               | •             |
|       |       |              |       |       |       | AC 400 |                                     |                                       |                 |                  |                  |               |               |
|       |       |              |       |       |       | DC 120 |                                     |                                       |                 |                  |                  |               |               |

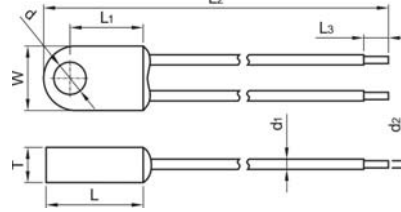
## Thermal-link

SK Series  $I_r : 10 A$

Spiralbis Tech Inc.

SETfuse

www.spiralbis.com



Dimensions (mm)

| L    | L <sub>1</sub> | L <sub>2</sub> | L <sub>3</sub> | W    | T       | d        | d <sub>1</sub> | d <sub>2</sub> |
|------|----------------|----------------|----------------|------|---------|----------|----------------|----------------|
| 17±1 | 12.5±1.0       | 78±2           | 5.0±1.0        | 11±1 | 6.0±0.5 | Φ5.5±1.0 | Φ2.1±0.1       | Φ1.4±0.1       |

### Key Features

- Ceramic Case
- Make a Mounting Hole
- Lead Wire is Insulated
- Non-resettable
- High Accuracy of Function Temp.
- RoHS & REACH Compliant

### Specifications

| Model | $T_f$<br>(°C) | Fusing<br>Temp.<br>(°C) | $T_h$<br>(°C) | $T_m$<br>(°C) | $I_r$<br>(A) | $U_r$<br>(Vac) | CCC | TÜV | RoHS<br>REACH |
|-------|---------------|-------------------------|---------------|---------------|--------------|----------------|-----|-----|---------------|
| SK102 | 102           | 98±2                    | 72            | 200           | 10           | 250            | •   | •   | •             |
| SK115 | 115           | 111±2                   | 85            | 200           | 10           | 250            | •   | •   | •             |
| SK125 | 125           | 121±2                   | 95            | 200           | 10           | 250            | •   | •   | •             |
| SK130 | 130           | 125±2                   | 100           | 200           | 10           | 250            | •   | •   | •             |
| SK135 | 135           | 130±2                   | 105           | 200           | 10           | 250            | •   | •   | •             |
| SK145 | 145           | 140±2                   | 115           | 200           | 10           | 250            | •   | •   | •             |
| SK150 | 150           | 145±2                   | 120           | 200           | 10           | 250            | •   | •   | •             |
| SK160 | 160           | 155±2                   | 130           | 200           | 10           | 250            | •   | •   | •             |
| SK205 | 205           | 199±3                   | 167           | 250           | 10           | 250            | •   | •   | •             |
| SK221 | 221           | 218±2                   | 186           | 250           | 10           | 250            | •   | •   | •             |

### Applications

- Electric Heating Apparatus
- Home Electrical Appliances

### Customization

- Other Temp. Can be Customized
- The Length of Lead Wires Can be Customized as Required.
- Lead Wires Can Make a Pluggable Terminals

### Packaging Information

- Q'TY:  
3 kPCS/ Carton
- Carton Size:  
440 × 300 × 260 (mm)

### Agency Information

- CCC: 2012010205547368
- TUV: R50264747

Thermal-link

Thermal-link

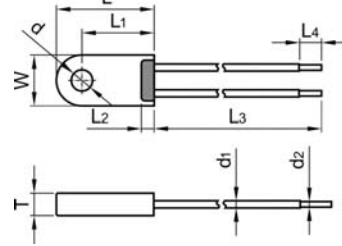
## Thermal-link

SKL Series  $I_r$  : 10 A

Spiralbis Tech Inc.

SET fuse

www.spiralbis.com



Dimensions (mm)

| L    | L <sub>1</sub> | L <sub>2</sub> | L <sub>3</sub> | L <sub>4</sub> | W    | T       | d        | d <sub>1</sub> | d <sub>2</sub> |
|------|----------------|----------------|----------------|----------------|------|---------|----------|----------------|----------------|
| 23±1 | 11±1           | 3.0±0.5        | 70±2           | 5.0±1.0        | 12±1 | 5.3±0.5 | Φ5.0±1.0 | Φ1.7±0.1       | Φ1.13±0.10     |

### Key Features

- Ceramic Case
- Make a Mounting Hole
- Lead Wire is Insulated
- Non-resettable
- High Accuracy of Function Temp.
- RoHS & REACH Compliant

### Specifications

| Model   | $T_f$ | Fusing Temp. | $T_h$ | $T_m$ | $I_r$ | $U_r$ | CCC | TÜV Rheinland | RoHS | REACH |
|---------|-------|--------------|-------|-------|-------|-------|-----|---------------|------|-------|
|         | (°C)  | (°C)         | (°C)  | (°C)  | (A)   | (Vac) | CCC | TUV           |      |       |
| SKL 200 | 200   | 196±3        | 160   | 380   | 10    | 250   | •   | •             | •    |       |
| SKL 230 | 230   | 225±2        | 190   | 380   | 10    | 250   | •   | •             | •    |       |

### Applications

- Electric Heating Apparatus
- Home Electrical Appliances

### Customization

- Other Temp. Can be Customized
- The Length of Lead Wires Can be Customized as Required.
- Lead Wires Can Make a Pluggable Terminals

### Packaging Information

- Q'TY:  
3 kPCS/ Carton
- Carton Size:  
440 × 300 × 260 (mm)

### Agency Information

- CCC: 2016010205848229
- TUV: R50337882

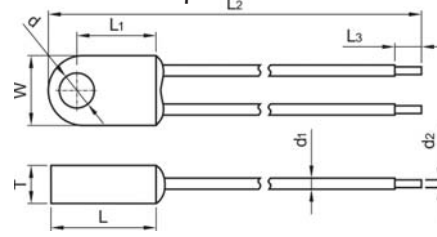
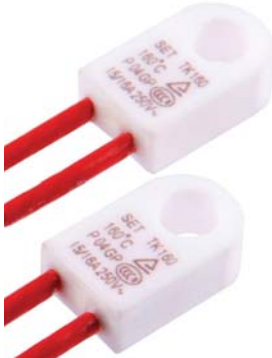
## Thermal-link

TK Series  $I_r$  : 15 / 16 A

Spiralbis Tech Inc.

SET fuse

www.spiralbis.com



Dimensions (mm)

| L    | L <sub>1</sub> | L <sub>2</sub> | L <sub>3</sub> | W    | T       | d        | d <sub>1</sub> | d <sub>2</sub> |
|------|----------------|----------------|----------------|------|---------|----------|----------------|----------------|
| 17±1 | 12.5±1.0       | 78±2           | 5.0±1.0        | 11±1 | 6.0±0.5 | Φ5.5±1.0 | Φ2.1±0.1       | Φ1.4±0.1       |

### Key Features

- Ceramic Case
- Make a Mounting Hole
- Lead Wire is Insulated
- Non-resettable
- High Accuracy of Function Temp.
- RoHS & REACH Compliant

### Applications

- Electric Heating Apparatus
- Home Electrical Appliances

### Customization

- Other Temp. Can be Customized
- The Length of Lead Wires Can be Customized as Required.
- Lead Wires Can Make a Pluggable Terminals

### Packaging Information

- Q'TY:  
3 kPCS/ Carton
- Carton Size:  
440 × 300 × 260 (mm)

### Agency Information

- CCC: 2012010205547368
- TUV: R50264747

### Specifications

| Model | $T_f$ | Fusing Temp. | $T_h$ | $T_m$ | $I_r$ | $U_r$ | CCC | TÜV Rheinland | RoHS  |
|-------|-------|--------------|-------|-------|-------|-------|-----|---------------|-------|
|       | (°C)  | (°C)         | (°C)  | (°C)  | (A)   | (Vac) | CCC | TUV           | REACH |
| TK102 | 102   | 98±2         | 72    | 200   | 15/16 | 250   | •   | •             | •     |
| TK115 | 115   | 111±2        | 85    | 200   | 15/16 | 250   | •   | •             | •     |
| TK125 | 125   | 121±2        | 95    | 200   | 15/16 | 250   | •   | •             | •     |
| TK130 | 130   | 125±2        | 100   | 200   | 15/16 | 250   | •   | •             | •     |
| TK135 | 135   | 130±2        | 105   | 200   | 15/16 | 250   | •   | •             | •     |
| TK145 | 145   | 140±2        | 115   | 200   | 15/16 | 250   | •   | •             | •     |
| TK150 | 150   | 145±2        | 120   | 200   | 15/16 | 250   | •   | •             | •     |
| TK160 | 160   | 155±2        | 130   | 200   | 15/16 | 250   | •   | •             | •     |
| TK205 | 205   | 199±3        | 167   | 250   | 15/16 | 250   | •   | •             | •     |
| TK221 | 221   | 218±2        | 186   | 250   | 15/16 | 250   | •   | •             | •     |

Thermal-link

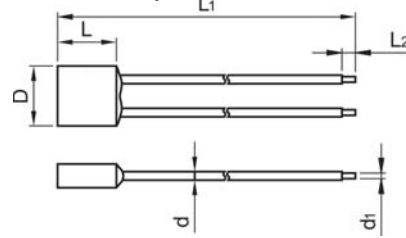
Thermal-link

## Thermal-link

SY Series  $I_r : 10 A$

Spiralbis Tech Inc.

**SET fuse**  
www.spiralbis.com



Dimensions (mm)

| L    | L <sub>1</sub> | L <sub>2</sub> | D     | d        | d <sub>1</sub> |
|------|----------------|----------------|-------|----------|----------------|
| 13±1 | 70±3           | 5.0±1.0        | Φ10±1 | Φ3.0±0.1 | Φ1.4±0.1       |

### Key Features

- Ceramic Case
- Lead Wire is Insulated
- Non-resettable
- High Accuracy of Function Temp.
- RoHS & REACH Compliant

### Applications

- Electric Heating Apparatus
- Home Electrical Appliances

### Customization

- Other Temp. Can be Customized
- The Length of Lead Wires Can be Customized as Required.
- Lead Wires Can Make a Pluggable Terminals

### Packaging Information

- Q'TY:  
3 kPCS/ Carton
- Carton Size:  
440 × 300 × 260 (mm)

### Agency Information

- CCC: 2012010205547370

### Specifications

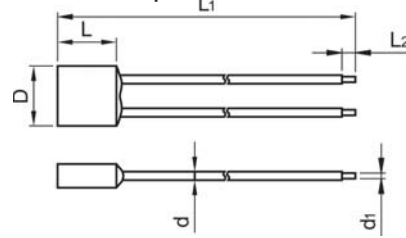
| Model | $T_f$ | Fusing Temp. | $T_h$ | $T_m$ | $I_r$ | $U_r$ |  |  |
|-------|-------|--------------|-------|-------|-------|-------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|       | (°C)  | (°C)         | (°C)  | (°C)  | (A)   | (Vac) | CCC                                                                                 | REACH                                                                               |
| SY95  | 95    | 91±2         | 60    | 180   | 10    | 250   | ●                                                                                   | ●                                                                                   |
| SY105 | 105   | 100±2        | 72    | 180   | 10    | 250   | ●                                                                                   | ●                                                                                   |
| SY115 | 115   | 111±2        | 85    | 180   | 10    | 250   | ●                                                                                   | ●                                                                                   |
| SY120 | 120   | 115±2        | 90    | 180   | 10    | 250   | ●                                                                                   | ●                                                                                   |
| SY125 | 125   | 121±2        | 95    | 180   | 10    | 250   | ●                                                                                   | ●                                                                                   |
| SY130 | 130   | 125±2        | 100   | 180   | 10    | 250   | ●                                                                                   | ●                                                                                   |
| SY145 | 145   | 140±2        | 115   | 180   | 10    | 250   | ●                                                                                   | ●                                                                                   |

## Thermal-link

TY Series  $I_r$  : 15 / 16 A

Spiralbis Tech Inc.

**SET fuse**  
www.spiralbis.com



Dimensions (mm)

| L    | L <sub>1</sub> | L <sub>2</sub> | D     | d        | d <sub>1</sub> |
|------|----------------|----------------|-------|----------|----------------|
| 13±1 | 70±3           | 5.0±1.0        | Φ10±1 | Φ3.0±0.1 | Φ1.4±0.1       |

### Key Features

- Ceramic Case
- Lead Wire is Insulated
- Non-resettable
- Alloy Type Thermal-link
- RoHS & REACH Compliant

### Applications

- Electric Heating Apparatus
- Home Electrical Appliances

### Customization

- Other Temp. Can be Customized
- The Length of Lead Wires Can be Customized as Required.
- Lead Wires Can Make a Pluggable Terminals

### Packaging Information

- Q'TY:  
3 kPCS/Carton
- Carton Size:  
440 × 300 × 260 (mm)

### Agency Information

- CCC: 2012010205547370

### Specifications

| Model | $T_f$ | Fusing Temp. | $T_h$ | $T_m$ | $I_r$   | $U_r$ | CCC | RoHS  |
|-------|-------|--------------|-------|-------|---------|-------|-----|-------|
|       | (°C)  | (°C)         | (°C)  | (°C)  | (A)     | (Vac) | CCC | REACH |
| TY95  | 95    | 91±2         | 60    | 180   | 15 / 16 | 250   | •   | •     |
| TY105 | 105   | 100±2        | 72    | 180   | 15 / 16 | 250   | •   | •     |
| TY115 | 115   | 111±2        | 85    | 180   | 15 / 16 | 250   | •   | •     |
| TY120 | 120   | 115±2        | 90    | 180   | 15 / 16 | 250   | •   | •     |
| TY125 | 125   | 121±2        | 95    | 180   | 15 / 16 | 250   | •   | •     |
| TY130 | 130   | 125±2        | 100   | 180   | 15 / 16 | 250   | •   | •     |
| TY145 | 145   | 140±2        | 115   | 180   | 15 / 16 | 250   | •   | •     |

Thermal-link

Thermal-link

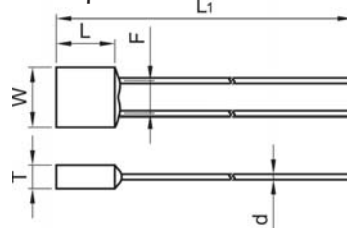
## Thermal-link

SD Series  $I_r$  : 10 A

Spiralbis Tech Inc.

**SET** fuse

www.spiralbis.com



Dimensions (mm)

| L       | L <sub>1</sub> | W       | T       | d          | F       |
|---------|----------------|---------|---------|------------|---------|
| 7.5±0.5 | 50±2           | 8.6±0.5 | 3.6±0.2 | Φ1.05±0.05 | 5.2±0.5 |

### Key Features

- Transparent Plastic Case
- Non-resettable
- High Accuracy of Function Temp.
- RoHS & REACH Compliant

### Applications

- SPD
- Switched-mode Power Supply
- Batteries

### Customization

- Other Temp. Can be Customized
- The Length of Lead Wires Can be Customized as Required.

### Packaging Information

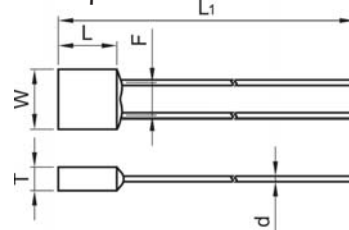
- Q'TY:  
20 kPCS/ Carton
- Carton Size:  
440 × 300 × 260 (mm)

### Specifications

| Model | $T_f$ | Fusing Temp. | $T_h$ | $T_m$ | $I_r$ | $U_r$ |  |
|-------|-------|--------------|-------|-------|-------|-------|-------------------------------------------------------------------------------------|
|       | (°C)  | (°C)         | (°C)  | (°C)  | (A)   | (Vdc) |                                                                                     |
| SD102 | 102   | 98±2         | 72    | 160   | 10    | 125   | ●                                                                                   |
| SD115 | 115   | 111±2        | 85    | 160   | 10    | 125   | ●                                                                                   |
| SD125 | 125   | 121±2        | 95    | 160   | 10    | 125   | ●                                                                                   |
| SD130 | 130   | 125±2        | 100   | 160   | 10    | 125   | ●                                                                                   |
| SD136 | 136   | 131±2        | 106   | 160   | 10    | 125   | ●                                                                                   |
| SD150 | 150   | 145±2        | 120   | 160   | 10    | 125   | ●                                                                                   |

## Thermal-link

TD Series  $I_r$  : 15 / 16 A **SET fuse**  
Spiralbis Tech Inc. www.spiralbis.com



Dimensions (mm)

| L       | L <sub>1</sub> | W       | T       | d          | F       |
|---------|----------------|---------|---------|------------|---------|
| 7.5±0.5 | 50±2           | 8.6±0.5 | 3.6±0.2 | Φ1.05±0.05 | 5.2±0.5 |

### Key Features

- Transparent Plastic Case
- Non-resettable
- High Accuracy of Function Temp.
- RoHS & REACH Compliant

### Applications

- SPD
- Switched-mode Power Supply
- Batteries

### Customization

- Other Temp. Can be Customized
- The Length of Lead Wires Can be Customized as Required.
- Lead Wires Can be Insulated

### Packaging Information

- Q'TY:  
20 kPCS/ Carton
- Carton Size:  
440 × 300 × 260 (mm)

### Specifications

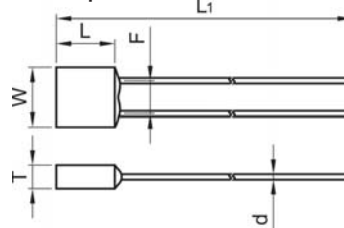
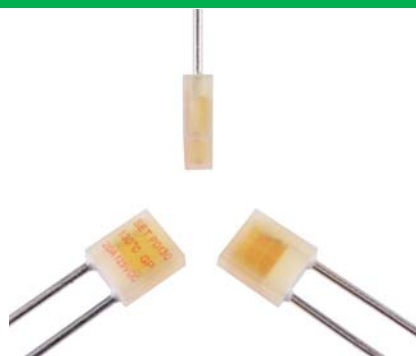
| Model | $T_f$ | Fusing Temp. | $T_h$ | $T_m$ | $I_r$   | $U_r$ |   |
|-------|-------|--------------|-------|-------|---------|-------|---|
|       | (°C)  | (°C)         | (°C)  | (°C)  | (A)     | (Vdc) |   |
| TD102 | 102   | 98±2         | 72    | 160   | 15 / 16 | 125   | ● |
| TD115 | 115   | 111±2        | 85    | 160   | 15 / 16 | 125   | ● |
| TD125 | 125   | 121±2        | 95    | 160   | 15 / 16 | 125   | ● |
| TD130 | 130   | 125±2        | 100   | 160   | 15 / 16 | 125   | ● |
| TD136 | 136   | 131±2        | 105   | 160   | 15 / 16 | 125   | ● |
| TD150 | 150   | 145±2        | 120   | 160   | 15 / 16 | 125   | ● |

## Thermal-link

PD Series  $I_r : 20\text{ A}$

Spiralbis Tech Inc.

**SET** fuse  
www.spiralbis.com



Dimensions (mm)

| L        | L <sub>1</sub> | W        | T       | d          | F       |
|----------|----------------|----------|---------|------------|---------|
| 11.8±0.5 | 50±2           | 10.7±0.5 | 4.8±0.2 | Φ1.60±0.05 | 6.6±0.5 |

### Key Features

- Transparent Plastic Case
- Non-resettable
- High Accuracy of Function Temp.
- RoHS & REACH Compliant

### Applications

- SPD
- Switched-mode Power Supply
- Batteries

### Customization

- Other Temp. Can be Customized
- The Length of Lead Wires Can be Customized as Required.

### Packaging Information

- Q'TY:  
9 kPCS/Carton
- Carton Size:  
440 × 300 × 260 (mm)

### Specifications

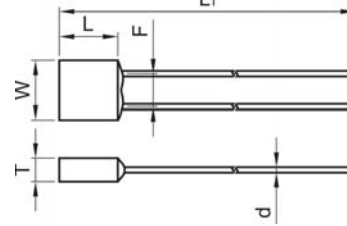
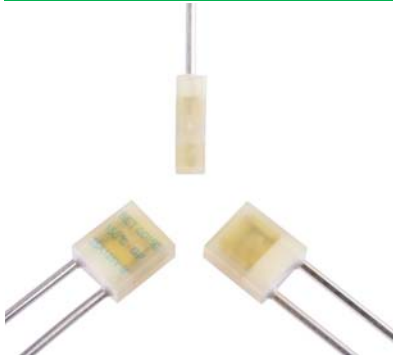
| Model | $T_f$ | Fusing Temp. | $T_h$ | $T_m$ | $I_r$ | $U_r$ |   |
|-------|-------|--------------|-------|-------|-------|-------|---|
|       | (°C)  | (°C)         | (°C)  | (°C)  | (A)   | (Vdc) |   |
| PD102 | 102   | 98±2         | 66    | 160   | 20    | 125   | ● |
| PD115 | 115   | 111±2        | 82    | 160   | 20    | 125   | ● |
| PD125 | 125   | 121±2        | 90    | 160   | 20    | 125   | ● |
| PD130 | 130   | 125±2        | 97    | 160   | 20    | 125   | ● |
| PD136 | 136   | 131±2        | 102   | 160   | 20    | 125   | ● |
| PD150 | 150   | 145±2        | 117   | 160   | 20    | 125   | ● |

## Thermal-link

QD Series  $I_r : 25\text{ A}$

Spiralbis Tech Inc.

**SET** fuse  
www.spiralbis.com



Dimensions (mm)

| L        | L <sub>1</sub> | W        | T       | d          | F       |
|----------|----------------|----------|---------|------------|---------|
| 11.8±0.5 | 50±2           | 10.7±0.5 | 4.8±0.2 | Φ1.60±0.05 | 6.6±0.5 |

### Key Features

- Transparent Plastic Case
- Non-resettable
- High Accuracy of Function Temp.
- RoHS & REACH Compliant

### Applications

- SPD
- Switched-mode Power Supply
- Batteries

### Customization

- Other Temp. Can be Customized
- The Length of Lead Wires Can be Customized as Required.

### Packaging Information

- Q'TY:  
9 kPCS/Carton
- Carton Size:  
440 × 300 × 260 (mm)

### Specifications

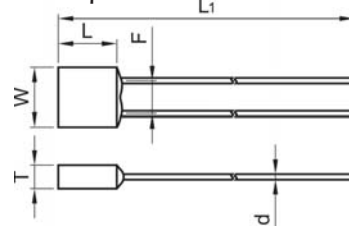
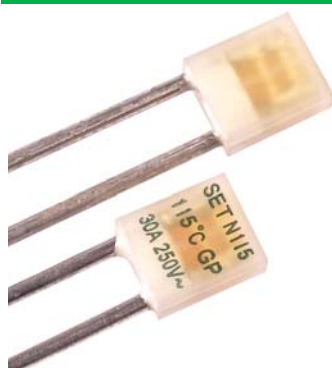
| Model | $T_f$ | Fusing Temp. | $T_h$ | $T_m$ | $I_r$ | $U_r$ |   |
|-------|-------|--------------|-------|-------|-------|-------|---|
|       | (°C)  | (°C)         | (°C)  | (°C)  | (A)   | (Vdc) |   |
| QD102 | 102   | 98±2         | 66    | 160   | 25    | 125   | ● |
| QD115 | 115   | 111±2        | 82    | 160   | 25    | 125   | ● |
| QD125 | 125   | 121±2        | 90    | 160   | 25    | 125   | ● |
| QD130 | 130   | 125±2        | 97    | 160   | 25    | 125   | ● |
| QD136 | 136   | 131±2        | 102   | 160   | 25    | 125   | ● |
| QD150 | 150   | 145±2        | 117   | 160   | 25    | 125   | ● |

Thermal-link

Thermal-link

## Thermal-link

N Series  $I_r$  : 30 A **SET fuse**  
Spiralbis Tech Inc. www.spiralbis.com



Dimensions (mm)

| L    | L <sub>1</sub> | W        | T       | d        | F       |
|------|----------------|----------|---------|----------|---------|
| 13±1 | 50±2           | 11.5±1.0 | 4.9±0.8 | Φ2.0±0.5 | 6.6±0.5 |

### Key Features

- Transparent Plastic Case
- Non-resettable
- High Accuracy of Function Temp.
- High Surge Capacity
- RoHS & REACH Compliant

### Applications

- SPD
- Power Strips
- Lamps
- Switched-mode Power Supply
- Home Electrical Appliances
- Batteries

### Customization

- Other Temp. Can be Customized
- The Length of Lead Wires Can be Customized as Required.

### Packaging Information

Q'TY:

6.3 kPCS/Carton

Carton Size:

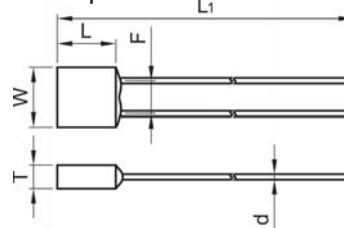
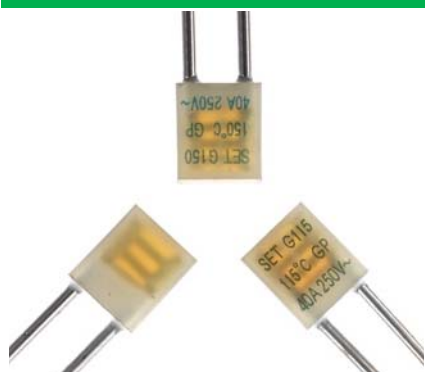
440 × 300 × 260 (mm)

### Specifications

| Model | $T_f$<br>(°C) | Fusing Temp.<br>(°C) | $T_h$<br>(°C) | $T_m$<br>(°C) | $I_r$<br>(A) | $U_r$<br>(Vac) | $I_n$<br>8/20 $\mu$ s<br>(15 Times)<br>(kA) | $I_{max}$<br>8/20 $\mu$ s<br>(1 Time)<br>(kA) |  |
|-------|---------------|----------------------|---------------|---------------|--------------|----------------|---------------------------------------------|-----------------------------------------------|-------------------------------------------------------------------------------------|
| N102  | 102           | 99±2                 | 65            | 160           | 30           | 250            | 20                                          | 40                                            | ●                                                                                   |
| N115  | 115           | 112±2                | 78            | 160           | 30           | 250            | 20                                          | 40                                            | ●                                                                                   |
| N125  | 125           | 122±2                | 90            | 160           | 30           | 250            | 20                                          | 40                                            | ●                                                                                   |
| N130  | 130           | 126±2                | 96            | 160           | 30           | 250            | 20                                          | 40                                            | ●                                                                                   |
| N136  | 136           | 132±2                | 102           | 160           | 30           | 250            | 20                                          | 40                                            | ●                                                                                   |
| N150  | 150           | 146±2                | 116           | 160           | 30           | 250            | 20                                          | 40                                            | ●                                                                                   |

## Thermal-link

G Series  $I_r$  : 40 A **SET fuse**  
Spiralbis Tech Inc. www.spiralbis.com



Dimensions (mm)

| L        | L <sub>1</sub> | W        | T       | d         | F       |
|----------|----------------|----------|---------|-----------|---------|
| 15.5±1.0 | 50±2           | 13.8±1.0 | 5.7±0.8 | Φ2.2±0.05 | 9.0±0.5 |

### Key Features

- Transparent Plastic Case
- Non-resettable
- High Accuracy of Function Temp.
- High Surge Capacity
- RoHS & REACH Compliant

### Specifications

| Model | $T_f$<br>(°C) | Fusing Temp.<br>(°C) | $T_h$<br>(°C) | $T_m$<br>(°C) | $I_r$<br>(A) | $U_r$<br>(Vac) | $I_n$<br>8/20 $\mu$ s<br>(15 Times)<br>(kA) | $I_{max}$<br>8/20 $\mu$ s<br>(1 Time)<br>(kA) |  |
|-------|---------------|----------------------|---------------|---------------|--------------|----------------|---------------------------------------------|-----------------------------------------------|-------------------------------------------------------------------------------------|
| G102  | 102           | 99±2                 | 61            | 160           | 40           | 250            | 30                                          | 60                                            | ●                                                                                   |
| G115  | 115           | 112±2                | 74            | 160           | 40           | 250            | 30                                          | 60                                            | ●                                                                                   |
| G125  | 125           | 122±2                | 84            | 160           | 40           | 250            | 30                                          | 60                                            | ●                                                                                   |
| G130  | 130           | 126±2                | 88            | 160           | 40           | 250            | 30                                          | 60                                            | ●                                                                                   |
| G136  | 136           | 132±2                | 94            | 160           | 40           | 250            | 30                                          | 60                                            | ●                                                                                   |
| G150  | 150           | 146±2                | 108           | 160           | 40           | 250            | 30                                          | 60                                            | ●                                                                                   |

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