

USB	-	A	1	D	01	F	-	0	N	4	N	-	W
(1)		(2)	(3)	(4)	(5)	(6)		(7)	(8)	(9)	(10)		(11)

- ◇ (1) Series No: USB; MIN: MINI USB; IEEE: IEEE 1394
- ◇ (2) Connector Type:
A: A Type; B: B Type; C: C Type; P: P Type; H: H Type; V: V Type.
- ◇ (3) Deck Options:
1: Single Deck; 2: Double Deck; T: Triple Deck.
- ◇ (4) Versions:
D: DIP Type; M: SMT Type; S: Soldering Type.
- ◇ (5) Number: 01.....
- ◇ (6) Gender:
M: Male/Plug; F: Female/Receptacle.
- ◇ (7) Contact Plating:
0: Gold Flash; 1: Au 3 μ " ; 2: Au 6 μ " ; 3: Au 15 μ " ; 4: Au 30 μ " .
- ◇ (8) Housing Colour
B: Black; N: Beige; W: White.
- ◇ (9) Pin No:
4: 4Pin; 5: 5Pin; 6: 6Pin; 8: 8Pin; 9: 9Pin.
- ◇ (10) Shell Plating
T: Tin Plated; N: Nickel Plated; S: Stainless Steel.
G: Gold plated B:Black Nickd plated M:Front Gold back Nickd plated
- ◇ (11) W: Without halogen O: UL94-V0 H: UL94-HB

Order information

103-110-24-D-002

Serial Number:001
002 003...Contact Plating:A=FU Au
B=3U C=6U D=15U F=30U
Pin Number:24=24P

110=USB C TYPE PLUG

103=USB

Specification:

1. MATERIAL:

1.1 INSULATOR: HIGH TEMPERATURE PLASTIC UL 94 V-0;

1.2 CONTACT: COPPER ALLOY(T=0.15mm)

1.3 SHELL: STEEL(T=0.20mm)

2. ELECTRICAL CHARACTERISTICS:

2.1 CONTACT RESISTANCE: 40mΩ Max FOR
INITIAL. 10mΩ CHANGE AFTER TEST. MEASURE AT
20mV, 100mA.2.2 CONTACT CURRENT RATING: 5A FOR VBUS
PIN; 1.25A FOR VCONN PIN.2.3 DIELECTRIC WITHSTANDING VOLTAGE: 100V
AC R.M.S.

2.4 INSULATION RESISTANCE 100MΩ Min

2.5 OPERATING TEMPERATURE: -40°C ~ 85°C

3. MECHANICAL CHARACTERISTICS:

3.1 MATING FORCE: 5~20 N.

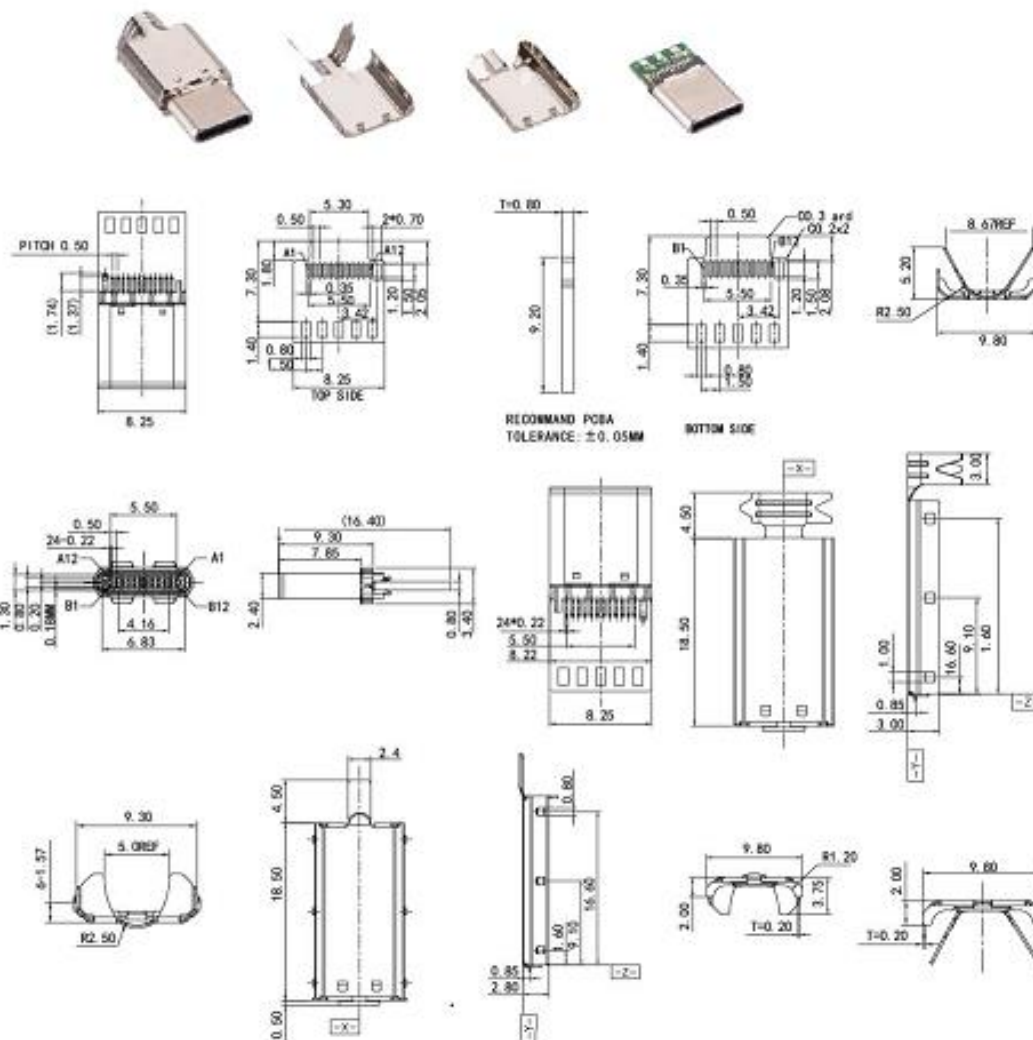
3.2 UNMATED FORCE: 8~20N AFTER TEST

3.3 DURABILITY: 10,000 CYCLES

4. PLATING

4.1 TERMINAL CONTACT: (SEE TAB) GOLD
PLATING ALL OVER 50u" Min NICKEL AND
80u" Min Matte Tin ALL OVER 50u" Min NICKEL
ON SOLDER AREA

4.2 SHELL: 80u" Min. NICKEL ALL OVER.



Order information

103-171-024-F-001

Serial Number:001
002 003...Contact Plating:A=G/FU
B=3U C=6U D=15U F=30U

Contact PIN:24=24P

110=USB 3.1 C TYPE PLUG

171=USB 3.1 C TYPE FEMALE

103=USB CONN

Specification**1.MATERIAL:**1.1 INSULATOR: HIGH TEMPERATURE PLASTIC UL
94 V-0;Black Color

1.2 CONTACT: COPPER ALLOY(T=0.15mm)

1.3 SHELL:STAINLESS STEEL(T=0.20mm)

2.ELECTRICAL CHARACTERISTICS;2.1CONTACT RESISTANCE: 40mΩ Max FOR INITIAL.
10mΩ CHANGE AFTER TEST. MEASURE AT 20mV,
100mA.2.2 CONTACT CURRENT RATING: 5A FOR VBUS PIN;
1.25A FOR VCONN PIN.2.3 DIELECTRIC WITHSTANDING VOLTAGE: 100V
AC R.M.S.

2.4 INSULATION RESISTANCE 100MΩ Min

2.5 OPERATING TEMPERATURE: -40°C ~ 85CC

3 MECHANICAL CHARACTERISTICS:

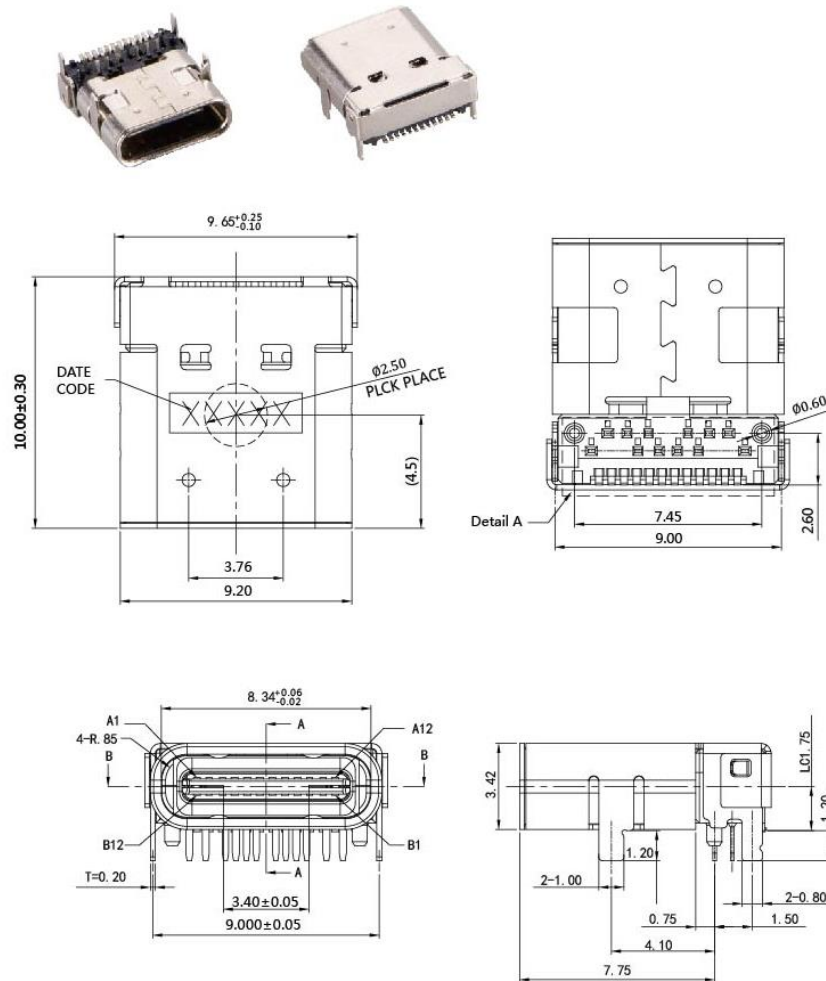
3.1 MATING FORCE: 5~20 N.

3.2 UNMATED FORCE: 8~20N AFTER TEST

3.3 DURABILITY: 10,000 CYCLES

4.PLATING4.1 TERMINAL CONTACT: (SEE TAB) GOLD PLATING
ALL OVER 50u" Min NICKEL AND 80u"Min Matte Tin
ALL OVER 50u" Min NICKEL ON SOLDER AREA

4.2 SHELL: 50u" Min. NICKEL ALL OVER,



Order information

B U S B - A 1 S X M - X X 4 X - X

W=Without halogen
O=UI94-VO H=HB

Shell plate spec:
T=Tin plated
N=Nicke plated

Housing plate spec:
B=Black N=Nature
W=White

Contact plate spec :
0=Fu" 1=3u" 2=6u"
3=15u" 4=30u"

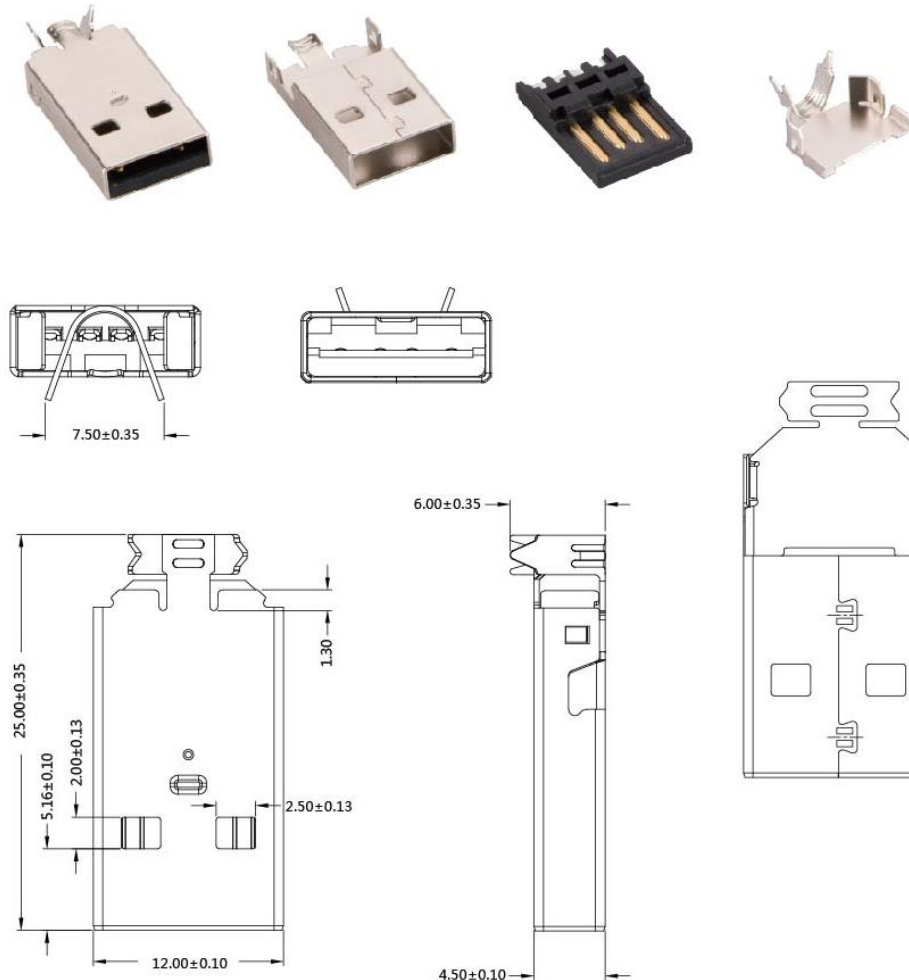
Product sequence:01、02、03、...

Specification**1.Electrical Characteristics:**

- 1)Current rating:See Table. at 250V AC
- 2)Dielectric Withstanding Voltage:AC500V/0.5mA/60s
- 3)Insulation Resistance:DC 500V/1000MΩ(Min)
- 4>Contact Resistance:30mΩ(Max).
- 5)Temperture Range:-20℃ to +85℃

2.Mechanical Characteristics:

Insertion Force:35 Newtons maximum
Extraction Force:10 Newtons minimum
Durability:1500 Cycles

3.Salt spray:24H

Order information

B U S B - A 1 S X M - X X 4 X - X

W=Without halogen
O=UL94-VO H=HB

Shell plate spec:
T=Tin plated
N=Nicke plated

Housing plate spec:
B=Black N=Nature
W=White

Contact plate spec :
0=Fu" 1=3u" 2=6u"
3=15u" 4=30u"

Product sequence:01、02、03、...

Specification

1.Shell Material:SPCC.Shell Finish:Nickel plated

2.Honsing Material:PBT+30%GF,UL94-VO.

Housing Color:Black/White/Beige.

3.Contact Material:Bronze.

Contact Finish:contact point Gold plated

Solder tail Tin plated

Gold Plated Spec:1.1/2.0.

4.Electrical Characteristics:

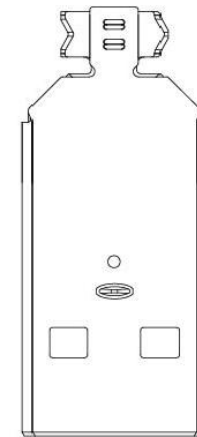
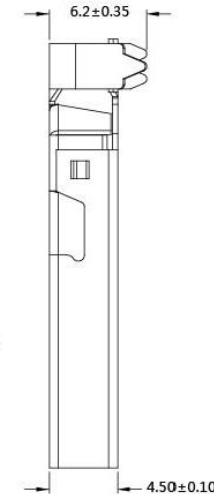
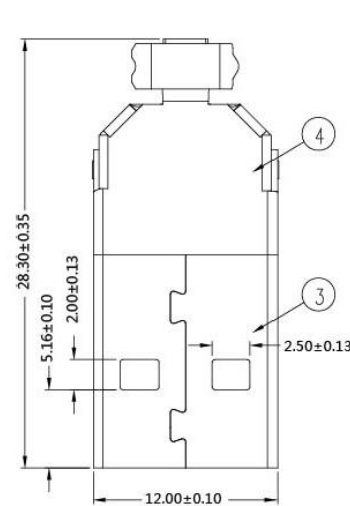
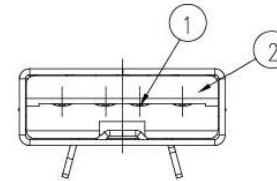
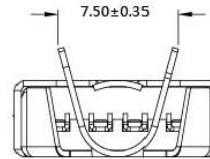
1)Current rating:1.5A at 250V AC

2)Dielectric Withstanding Voltage:AC500V/0.5mA/60s

3)Insulation Resistance:DC 500V/1000MΩ(Min)

4)Contact Resistance:30mΩ(Max).

5)Temperture Range:-20°C to +85°C



Order information

B U S B - A 1 S X M - X X 4 X - X

W=Without halogen
O=UI94-VO H=HB

Shell plate spec:
T=Tin plated
N=Nicke plated

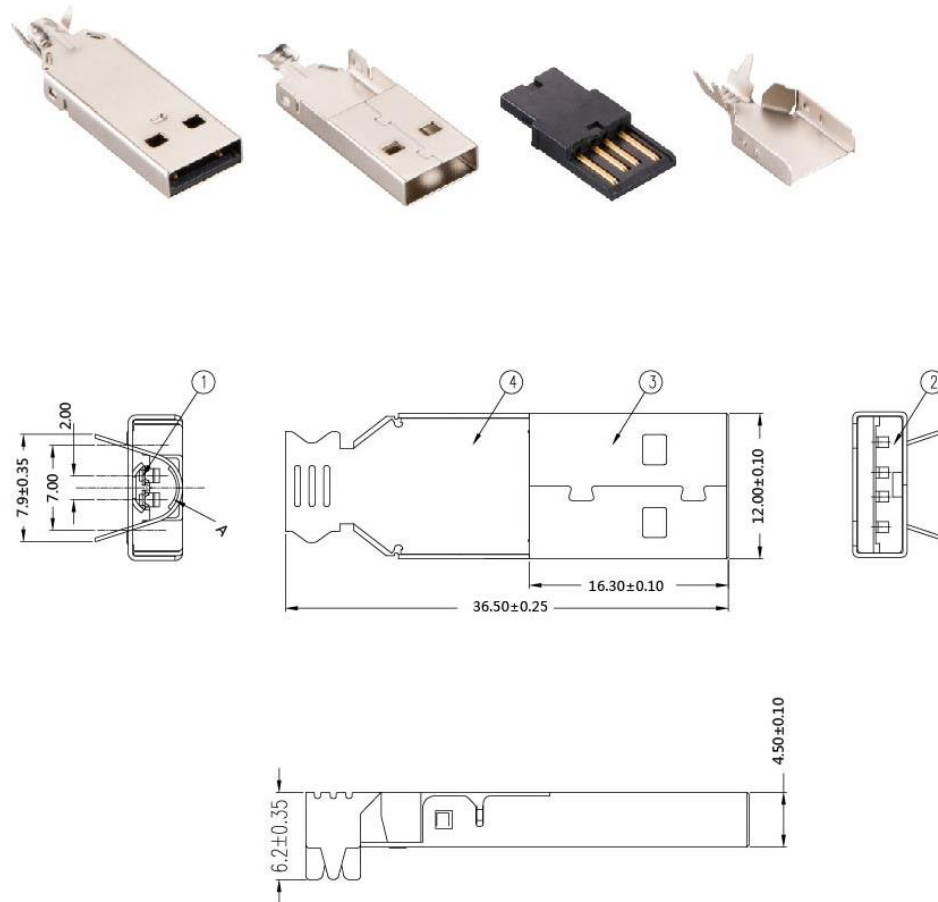
Housing plate spec:
B=Black N=Nature
W=White Y=Yeellow
L=Blue I=Ivory
R=Red G=Green
H=Grey D=Wine
K=Beige T=Rosines

Contact plate spec :
0=Fu" 1=3u" 2=6u"
3=15u" 4=30u"

Product sequence:01、02、03、...

Specification

- 1.Current Rating:1.5AMP at 250V AC
Voltage Rating:30V
- 2.Insulation Resistance:1000MΩ Min
- 3.Contact Resistance:30mΩ Max
- 4.Dielectric Withstanding Voltage:500V AC
- 5.Temperature Range:-20°C to +60°C
Remark:48Hours Guarantee by -30°c storage temperaturee
- 6.Mechanical Characteristics:
Insertion Force:35 Newtons maximum
Extraction Force:10 Newtons minimum



Order information

B U S B - A 1 R X M - X X 4 X - X

W=Without halogen
O=UI94-VO H=HB

Shell plate spec:
T=Tin plated
N=Nicke plated

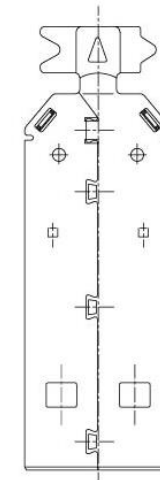
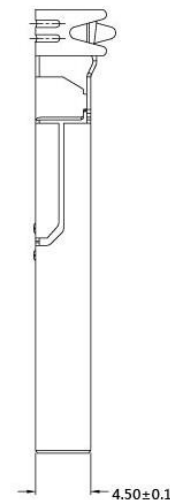
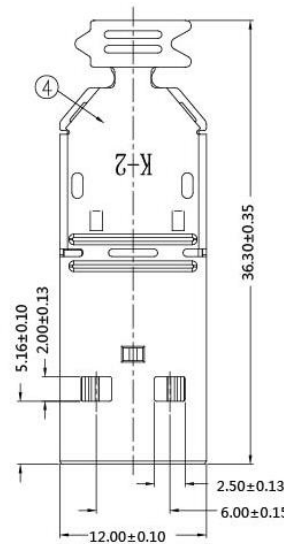
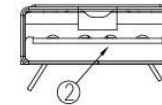
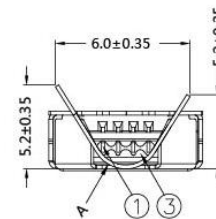
Housing plate spec:
B=Black N=Nature
W=White A=Amethyst

Contact plate spec :
0=Fu" 1=3u" 2=6u"
3=15u" 4=30u"

Product sequence:01、02、03、...

Specification

- 1.Voltage Rating:30V AC
- 2.Current Rating:1.5AMP.
- 3.Insulation Resistance:1000MΩ Min.
- 4.Contact Resistance:30mΩ Max.
- 5.Dielectric Withstanding Voltage:500V AC
- 6.Temperature Range:-20°C to +60°C



Order information

103-006-04-A-007

Serial Number:001
002 003...Contact Plating:A=FU Au
B=3U C=6U D=15U F=30U

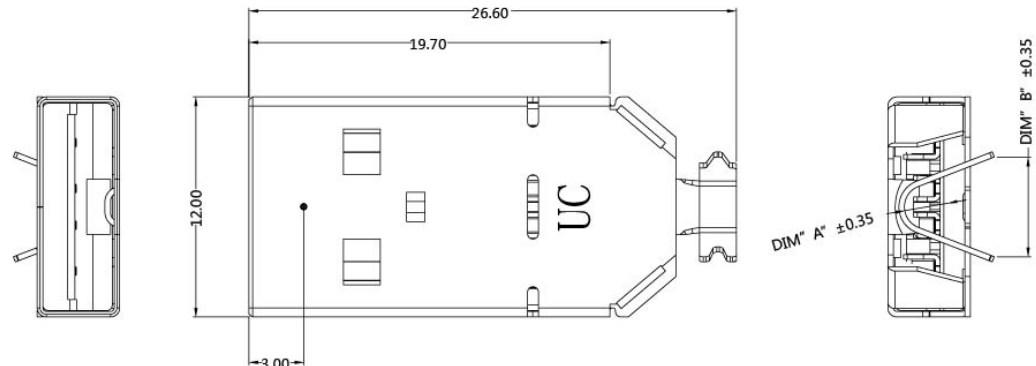
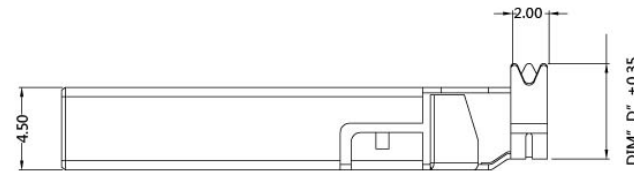
Pin Number:4=4P

006=USB 2.0 AM Solder Type

103=USB

Specification

- 1.Current Rating:1.5AMP at 250V AC
Voltage Rating:30V
- 2.Insulation Resistance:1000MΩ Min
- 3.Contact Resistance:30mΩ Max
- 4.Dielectric Withstanding Voltage:500V AC
- 5.Temperature Range:-20°C to +60°C
Remark:48Hours Guarantee by -30°C storage temperature
- 6.Mechanical Characteristics:
Insertion Force:35 Newtons maximum
Extraction Force:10 Newtons minimum



Order information

B U S B - A 1 S X M - X X 4 X - X

W=Without halogen
O=UL94-VO
H=UL94-HB

Shell plate spec:
T=Tin plated
N=Nicke plated

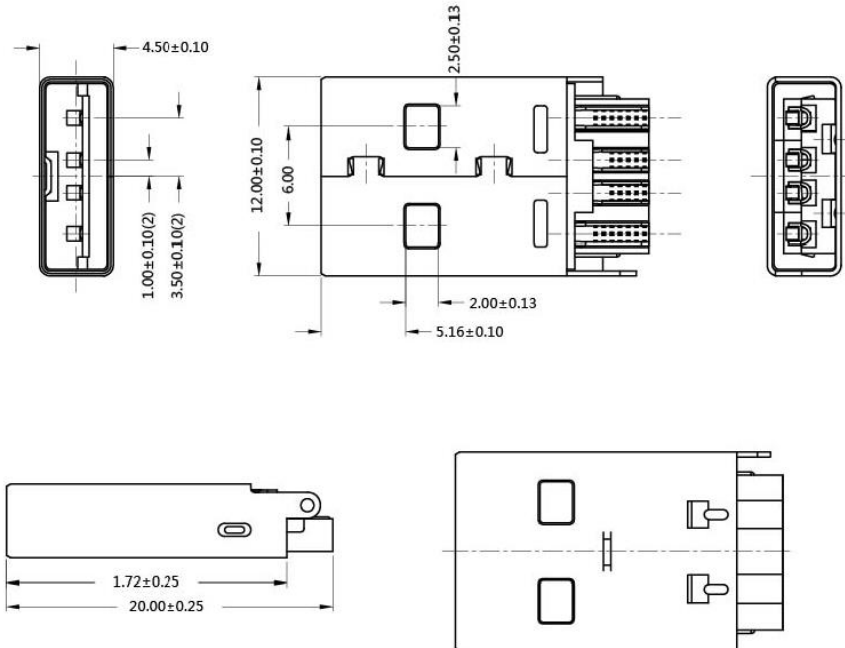
Housing plate spec:
B=Black N=Nature
W=White

Contact plate spec :
0=Fu" 1=3u" 2=6u"
3=15u" 4=30u" 5=5u"
6=10u" 7=50"

Product sequence:01、02、03、...

Specification

- 1.Voltage Rating:30V AC
- 2.Current Rating:1.5AMP.
- 3.Insulation Resistance:1000MΩ Min.
- 4.Contact Resistance:30mΩ Max.
- 5.Dielectric Withstanding Voltage:500V AC
- 6.Temperature Range:-20°C to +60°C



Order information

BUSB-A1M76M-XX4X-X

W=Without halogen
O=UL94-VO
H=UL94-HB

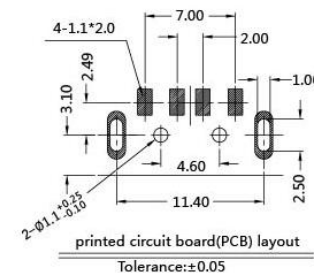
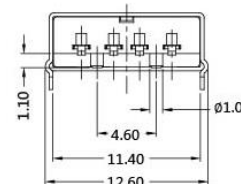
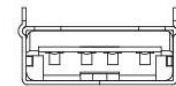
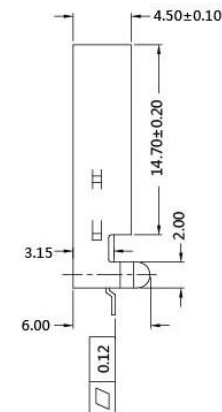
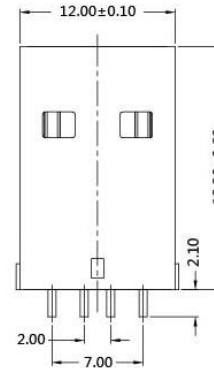
Shell plate spec:
T=Tin plated
N=Nicke plated

Housing plate spec:
B=Black N=Nature
W=White

Contact plate spec :
0=Fu" 1=3u" 2=6u"
3=15u" 4=30u"

Specification

- 1.Voltage Rating:30V AC
- 2.Current Rating:1.5AMP.
- 3.Insulation Resistance:1000MΩ Min.
- 4.Contact Resistance:30mΩ Max.
- 5.Dielectric Withstanding Voltage:500V AC
- 6.Temperature Range:-20°C to +60°C



Order information

B U S B - A 1 D 5 9 M - X X 4 X - X

W=Without halogen
O=UL94-VO
H=UL94-HB

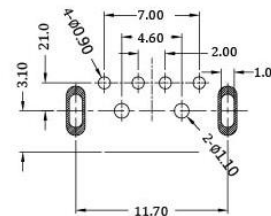
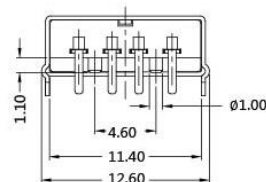
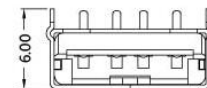
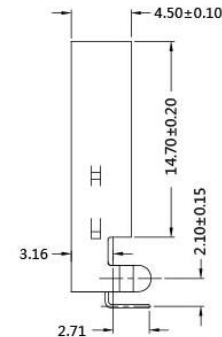
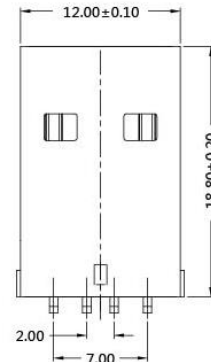
- Shell plate spec:
T= Tin plated
N= Nickel plated

- Housing plate spec:
B=Black N=Nature
W=White

– Contact plate spec :
0=Fu" 1=3u" 2=6u"
3=15u" 4=30u"

Specification

- 1.Voltage Rating:30V AC
- 2.Current Rating:1.5AMP.
- 3.Insulation Resistance:1000MΩ Min.
- 4.Contact Resistance:30mΩ Max.
- 5.Dielectric Withstanding Voltage:500V AC
- 6.Temperature Range:-20°C to +60°C



RECOMMENDED P.C.B HOLE LAYOUT

TOLERANCE:±0.05

Order information

B U S B - A 1 S X X M - X X 9 X - W

Shell plate spec:

T=Tin ;

N=Nicke ;

G=Gold;

M=Gold and Nickel

Contact plate spec :

0 : Fu" 1 : 3u" 2 : 6u"

3 : 15u" 4 : 30u" 5:5u"

6 : 10u" 7:50u"

Proudct sequence:01、02、03、...

Specification

1.Current Rating:

1.8 Amp for Pin1 & Pin4;

0.25 Amp for Other contacts.

2.Voltage Rating: 30V

3.Insulation Resistance:100MΩ Min

4.Contact Resistance:

30mΩ Max for Pin1 & Pin4;

50mΩ Max for Other contacts.

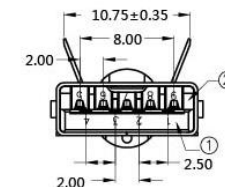
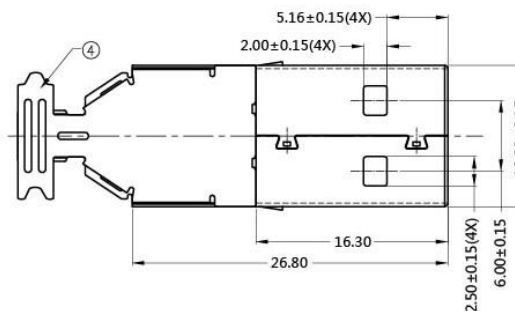
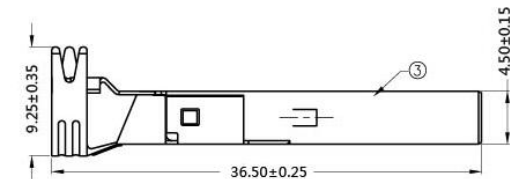
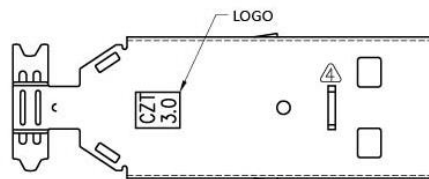
5.Dielectric Withstanding Voltage:100V AC (RMS)

6.Temperature Range:-20°C to +85°C

7.Mechanical Characteristics:

Insertion Force:35 Newtons maximum

Extraction Force:10 Newtons minimum



Order information

BUSB-A1SXXM-XX9X-X

W=Without halogen

Shell plate spec:

T=Tin ;

N=Nicke ;

G=Gold;

M=Gold and Nickel

Housing plate spec:

B=Black N=Nature

W=White Y=Yellow

L=Blue I=Ivory

R=Red G=Green

H=Grey D=Wine

K=Beige T=Rosines

Contact plate spec :

0 : Fu" 1 : 3u" 2 : 6u"

3 : 15u" 4 : 30u" 5:5u"

6 : 10u" 7:50u"

Proudct sequence:01、02、03、...

Specification

1.Current Rating:

1.8 Amp for Pin1 & Pin4;

0.25 Amp for Other contacts.

2.Voltage Rating: 30V

3.Insulation Resistance:100MΩ Min

4.Contact Resistance:

30mΩ Max for Pin1 & Pin4;

50mΩ Max for Other contacts.

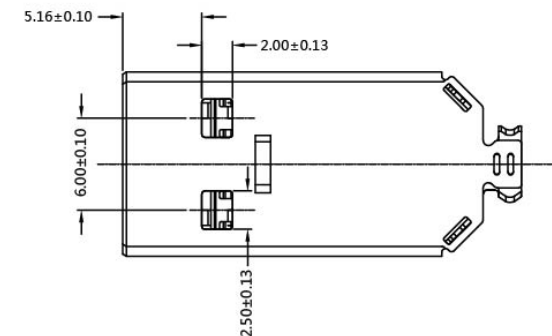
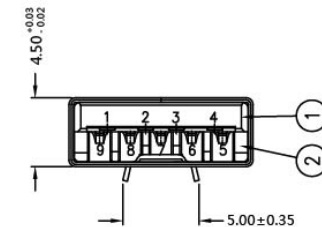
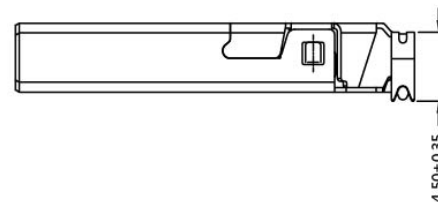
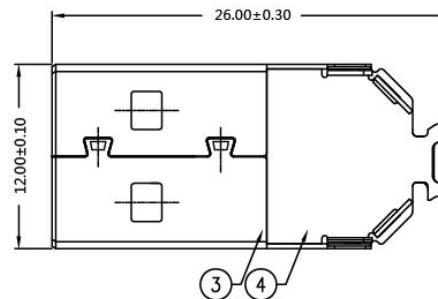
5.Dielectric Withstanding Voltage:100V AC (RMS)

6.Temperature Range:-20°C to +85°C

7.Mechanical Characteristics:

Insertion Force:35 Newtons maximum

Extraction Force:10 Newtons minimum



Order information

1 0 3 - 0 4 4 - 0 4 - F - 1 6 8

— USB Series

— USB A TYPE SOLDER TYPE

— Pin Number: 4=4P

— Contact Area Plated: F : 30U Au

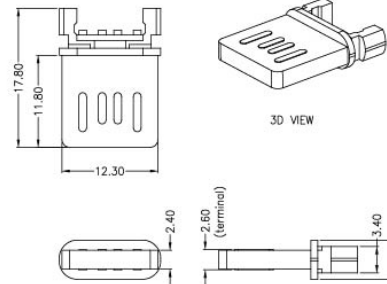
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Specification

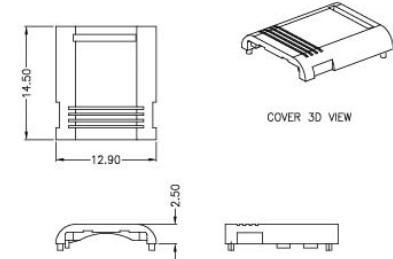
- 1.Contact Current Rating: 1.5 AMP.
- 2.Voltage Rating: 30V
- 3.Insulation Resistance:1000MΩ Min
- 4.Dielectric Withstanding Voltage: 500V AC(RMS)
- 5.Temperature Range: -20°C to +85°C



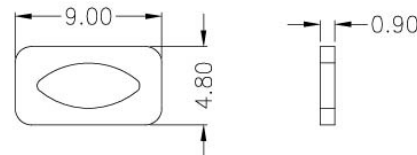
1. Body:



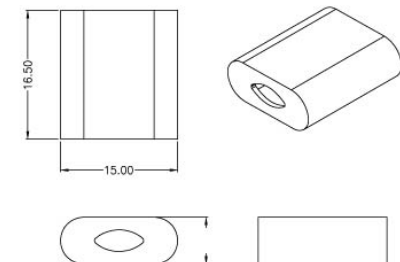
2. COVER:



2. Clip:



4. Frame:



Order information

BUSB-A1D282F-XX4X-X

W=Without halogen
O=UL94-VO

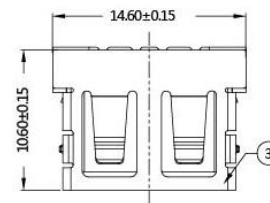
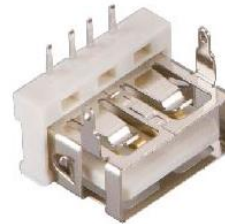
Shell plate spec:
T=Tin plated
N=Nicke plated

Housing plate spec:
B=Black N=Nature
W=White

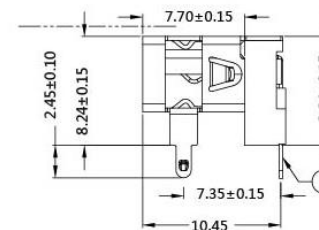
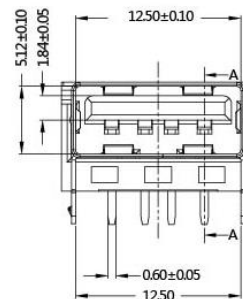
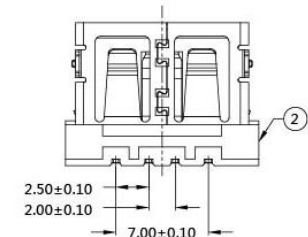
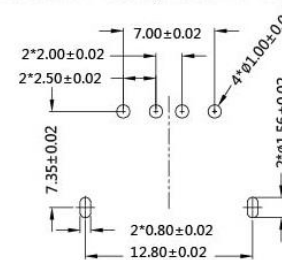
Contact plate spec :
0=Fu" 1=3u" 2=6u"
3=15u" 4=30u"

Specification

- 1.Current Rating:1.5AMP at 250V AC
Voltage Rating:30V
- 2.Insulation Resistance:1000MΩ Min
- 3.Contact Resistance:30mΩ Max
- 4.Dielectric Withstanding Voltage:500V AC
- 5.Temperature Range:-25°C to +85°C
- 6.Mechanical Characteristics:
Insertion Force:35 Newtons maximum
Extraction Force:10 Newtons minimum



RECOMMENDED P.C.B LAYOUT
PCB THICKNESS =1.2MM (TOLERANCE=± 0.10)



Order information

103-022-03-B-001

Serial Number:001
002 003...Contact Plating:A=FU Au
B=3U C=6U D=15U F=30U

Pin Number:3=3P

022=USB A TYPE DIP 90°

103=USB

Specification

1.Current Rating:1.5AMP at 250V AC

Voltage Rating:30V

2.Insulation Resistance:1000MΩ Min

3.Contact Resistance:30MΩ Max

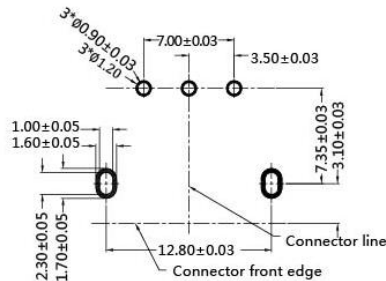
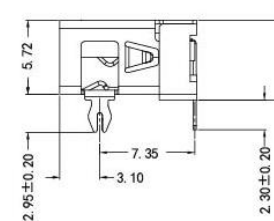
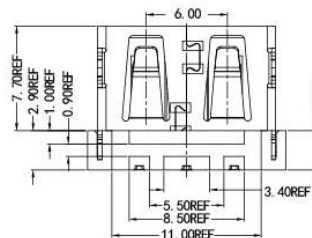
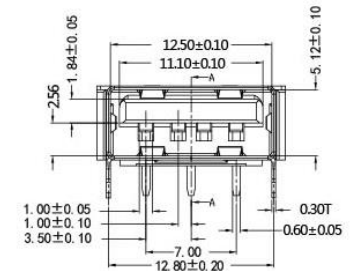
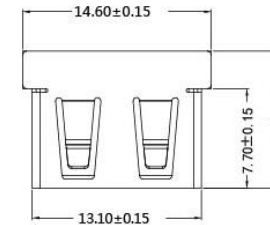
4.Dielectric Withstanding Voltage:500V AC

5.Temperature Range:-25°C to +85°C

6.Mechanical Characteristics:

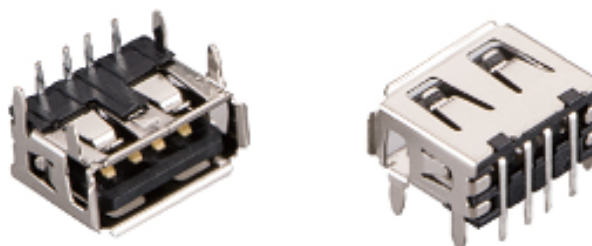
Insertion Force:35 Newtons maximum

Extraction Force:10 Newtons minimum

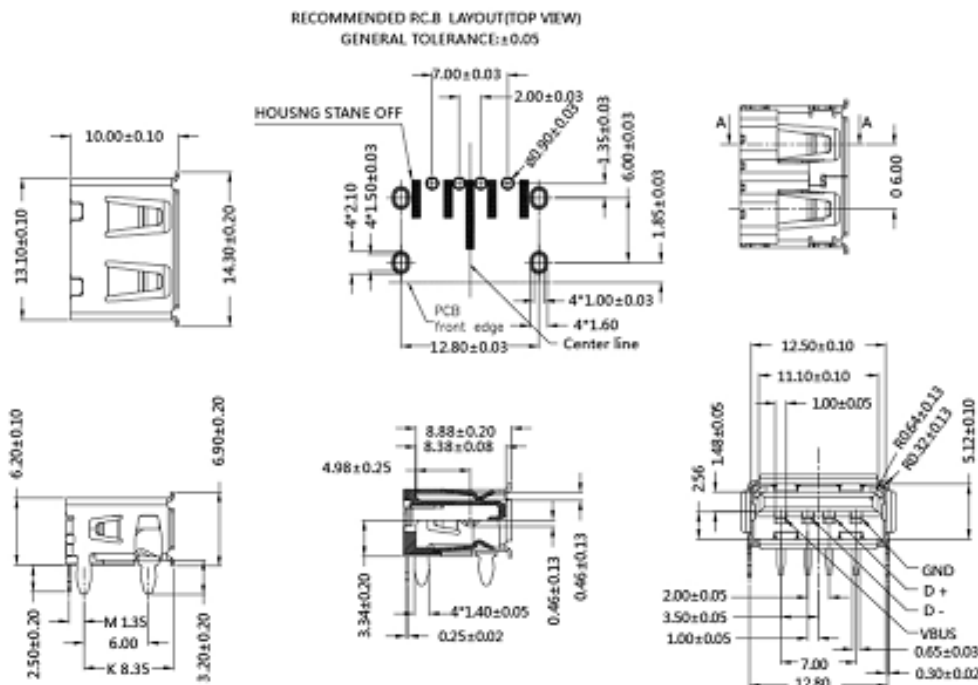
RECOMMENDED P.C.B HOLE LAYOUT
TOP VIEW(TOLERANCE:±0.05)

103-022-04-B-059

Serial Number:001
002 003...
Contact Plating:A=FU Au
B=3U C=6U D=15U F=30U
Pin Number:4=4P
022=USB A TYPE DIP 90°
103=USB



- 1.Current Rating:1.5AMP at 250V AC
Voltage Rating:30V
- 2.Insulation Resistance:1000MQ Min
- 3.Contact Resistance:30mQ Max
- 4.Dielectric Withstanding Voltage:500V AC
- 5.Temperature Range:-20°C to +60°C
- 6.Mechanical Characteristics:
Insertion Force:35 Newtons maximum
Extraction Force:10 Newtons minimum
Durability:5000 Cycles
- 7.Salt Spray:48H



Order information

BUSB-A1D122F-XX4X-X

W=Without halogen
O=UL94-VO

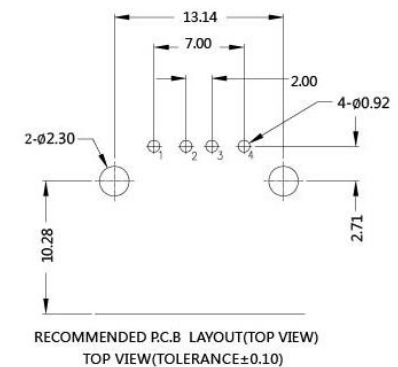
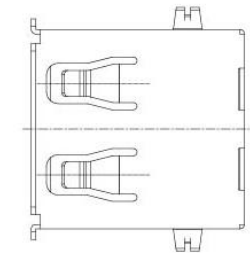
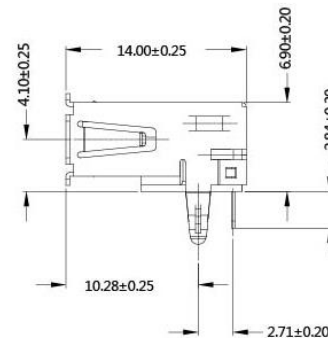
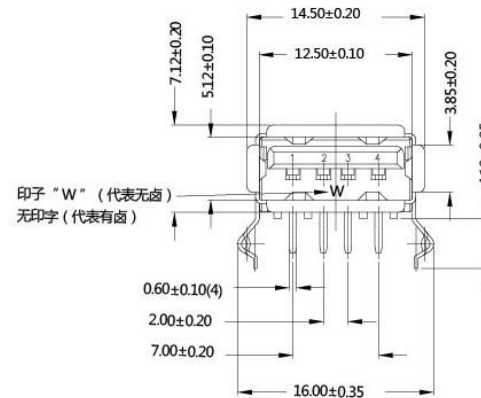
Shell plate spec:
T=Tin plated
N=Nicke plated

Housing plate spec:
B=Black N=Nature
W=White

Contact plate spec :
0=Fu" 1=3u" 2=6u"
3=15u" 4=30u"

Specification

- 1.Current Rating:1.5AMP at 250V AC
Voltage Rating:30V
- 2.Insulation Resistance:1000M_Ω Min
- 3.Contact Resistance:30m_Ω Max
- 4.Dielectric Withstanding Voltage:500V AC
- 5.Temperature Range:-20°C to +60°C
- 6.Mechanical Characteristics:
Insertion Force:35 Newtons maximum
Extraction Force:10 Newtons minimum



Order information

103-022-08-A-001

Serial Number:001
002 003...Contact Plating:A=FU Au
B=3U C=6U D=15U F=30U

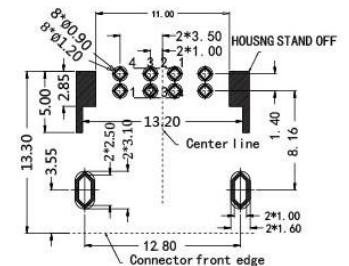
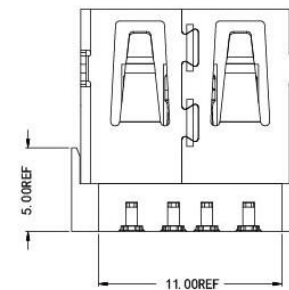
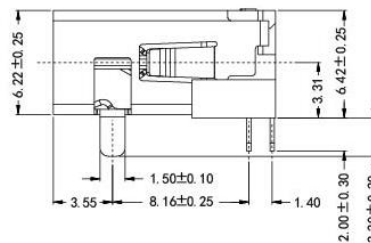
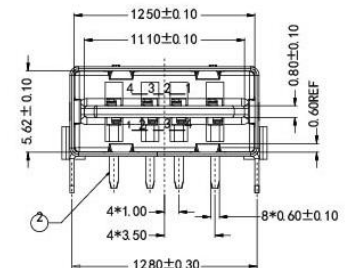
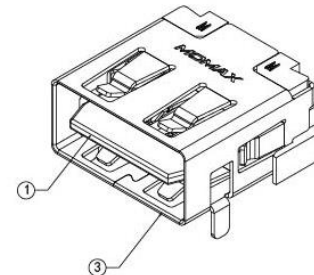
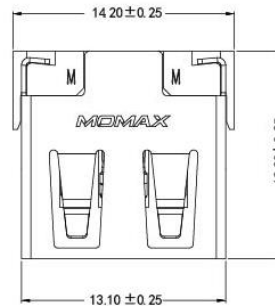
Contact PIN:8=8P

022=USB ATYPE

103=USB

Specification

- 1.Current Rating:1.5AMP at 250V AC
Voltage Rating:30V
- 2.Insulation Resistance:1000MΩ Min
- 3.Contact Resistance:30MΩ Max
- 4.Dielectric Withstanding Voltage:500V AC
- 5.Temperature Range:-20°C to +60°C
- 6.Mechanical Characteristics:
Insertion Force:35 Newtons maximum
Extraction Force:4 Newtons minimum

RECOMMENDED P.C.B HOLE LAYOUT
TOP VIEW (TOLERANCE: ±0.05)

Order information

BUSB-A1D02F-XX4X-X

W=Without halogen
O=UI94-VO

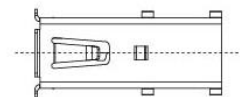
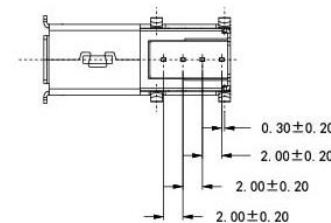
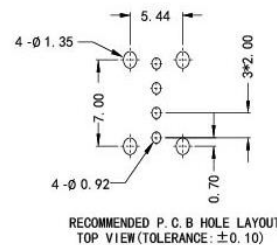
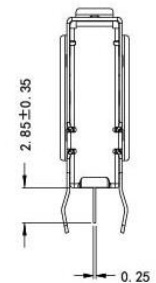
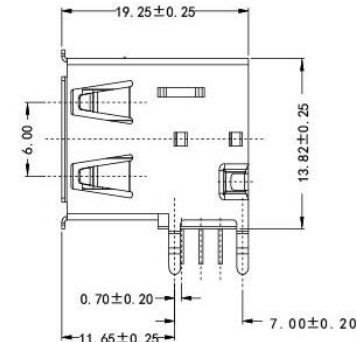
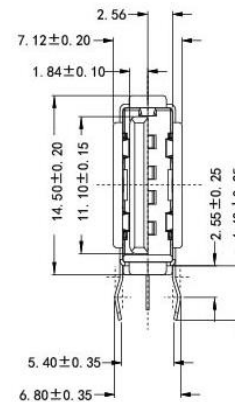
Shell plate spec:
T=Tin plated
N=Nicke plated

Housing colour:
B=Black N=Nature
W=White

Contact plate spec :
0=Fu" 1=3u" 2=6u"
3=15u" 4=30u"

Specification

- 1.Current Rating:1.5AMP at 250V AC
Voltage Rating:30V
- 2.Insulation Resistance:1000MΩ Min
- 3.Contact Resistance:30mΩ Max
- 4.Dielectric Withstanding Voltage:500V AC
- 5.Temperature Range:-20°C to +60°C
- 6.Mechanical Characteristics:
Insertion Force:35 Newtons maximum
Extraction Force:10 Newtons minimum



Order information

BUSB-A1D12F-XX4X

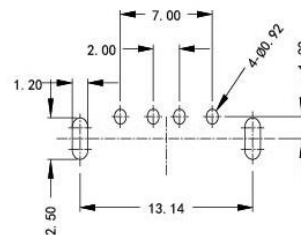
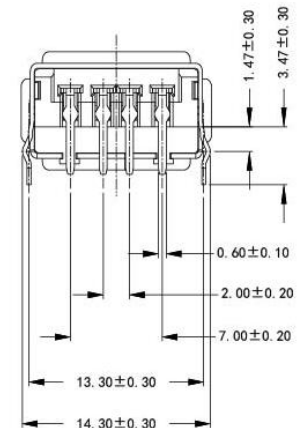
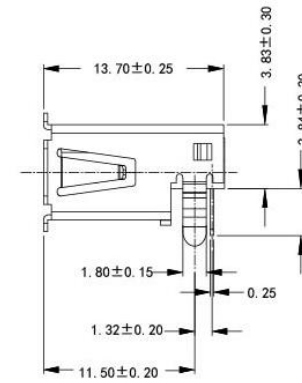
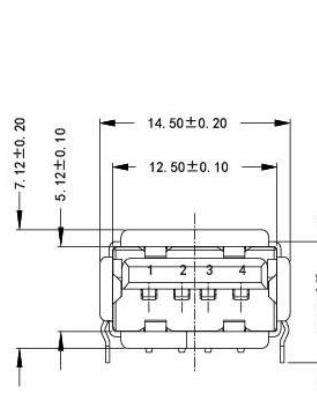
Shell plate spec:
T= Tin plated
N= Nickel plated

Housing colour:
B= Black N= Nature
W= White

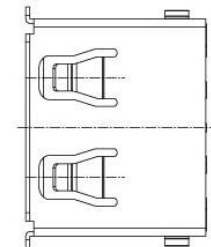
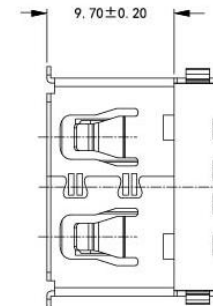
Contact plate spec :
0=Fu" 1=3u" 2=6u"
3=15u" 4=30u"

Specification

1. Current Rating: 1.5AMP at 250V AC
Voltage Rating: 30V
2. Insulation Resistance: 1000MΩ Min
3. Contact Resistance: 30mΩ Max
4. Dielectric Withstanding Voltage: 500V AC
5. Temperature Range: -20°C to +60°C
6. Mechanical Characteristics:
Insertion Force: 35 Newtons maximum
Extraction Force: 10 Newtons minimum



RECOMMENDED P.C.B HOLE LAYOUT
TOP VIEW (TOLERANCE: ±0.10)



Order information

BUSB-A1D48F-XX4X-X

—W=Without halogen
O=UI94-VO

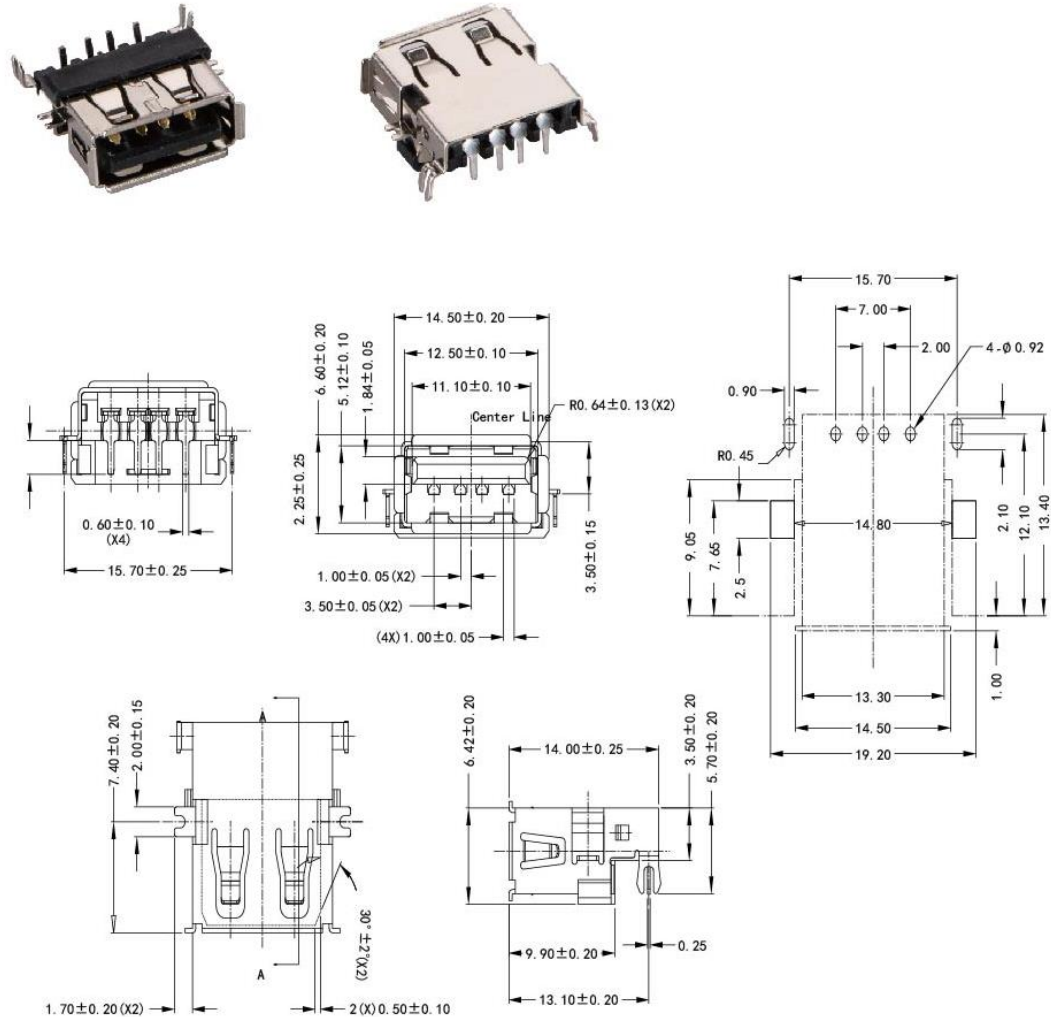
- Shell plate spec:
T= Tin plated
N= Nickel plated

- Housing colour:
B=Black N=Nature
W=White

-Contact plate spec :
0=Fu" 1=3u" 2=6u"
3=15u" 4=30u"

Specification

- 1.Current Rating:1.5AMP at 250V AC
Voltage Rating:30V
- 2.Insulation Resistance:1000MΩEMin
- 3.Contact Resistance:30mΩ Max
- 4.Dielectric Withstanding Voltage:500V AC
- 5.Temperature Range:-20± to +60°
- 6.Mechanical Characteristics:
Insertion Force:35 Newtons maximum
Extraction Force:10 Newtons minimum



Order information

B U S B - A 1 D 4 2 F - X X 4 X

Shell plate spec:

T= Tin plated

N= Nickel plated

Housing colour:

B= Black N= Nature

W= White

Contact plate spec :

0=Fu" 1=3u" 2=6u"

3=15u" 4=30u"

Specification

1.Current Rating:1.5AMP at 250V AC

Voltage Rating:30V

2.Insulation Resistance:1000MΩ Min

3.Contact Resistance:30mΩ Max

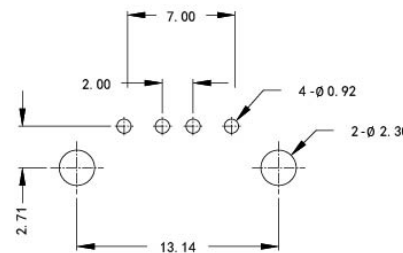
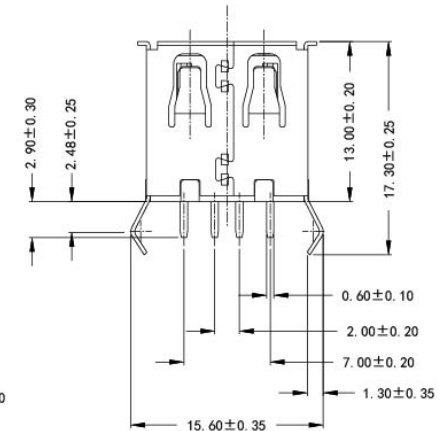
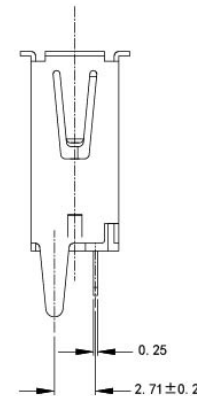
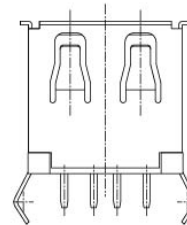
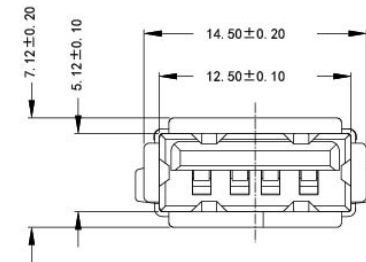
4.Dielectric Withstanding Voltage:500V AC

5.Temperature Range:-20°C to +60°C

6.Mechanical Characteristics:

Insertion Force:35 Newtons maximum

Extraction Force:10 Newtons minimum

RECOMMENDED P.C.B HOLE LAYOUT
TOP VIEW (TOLERANCE: ±0.10)

Order information

BUSB-A1M83F-XX4X

Shell plate spec:

T= Tin plated

N= Nickel plated

Housing colour:

B= Black N= Nature

W= White

Contact plate spec :

0=Fu" 1=3u" 2=6u"

3=15u" 4=30u"

Specification

1. Current Rating: 1.5AMP at 250V AC

Voltage Rating: 30V

2. Insulation Resistance: 1000MΩEMin

3. Contact Resistance: 30mΩ Max

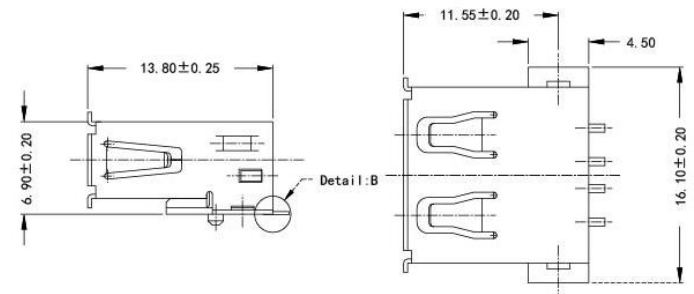
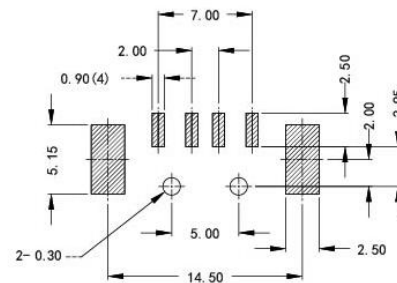
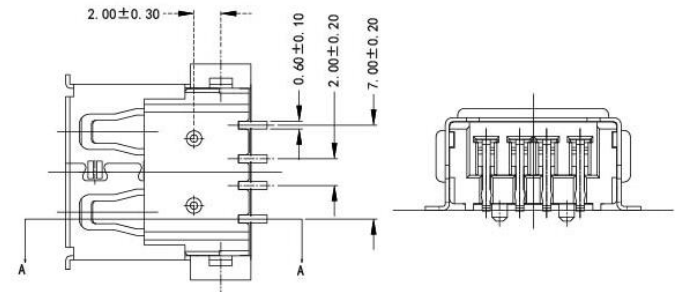
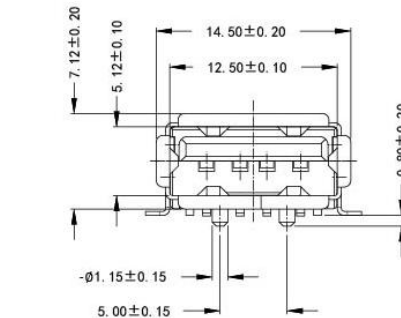
4. Dielectric Withstanding Voltage: 500V AC

5. Temperature Range: -20± to +60°

6. Mechanical Characteristics:

Insertion Force: 35 Newtons maximum

Extraction Force: 10 Newtons minimum



Order information

103-023-04-A-099

Serial Number:001
002 003...Contact Plating:A=FU Au
B=3U C=6U D=15U F=30U
Contact PIN:4=4P

023=USB A TYPE FEMALE SMT

103=USB

Specification

1.MATERIAL SPECIFICATION

- 1) INSULATION MATERIAL THERMOPLASTIC.
- 2) SHELL: COPPER ALLOY/SPCC, T:0.30mm
PLATING: NICKEL
- 3) TERMINAL: COPPER ALLOY, T:0.25mm
PLATING: GOLD/TIN PLATED.

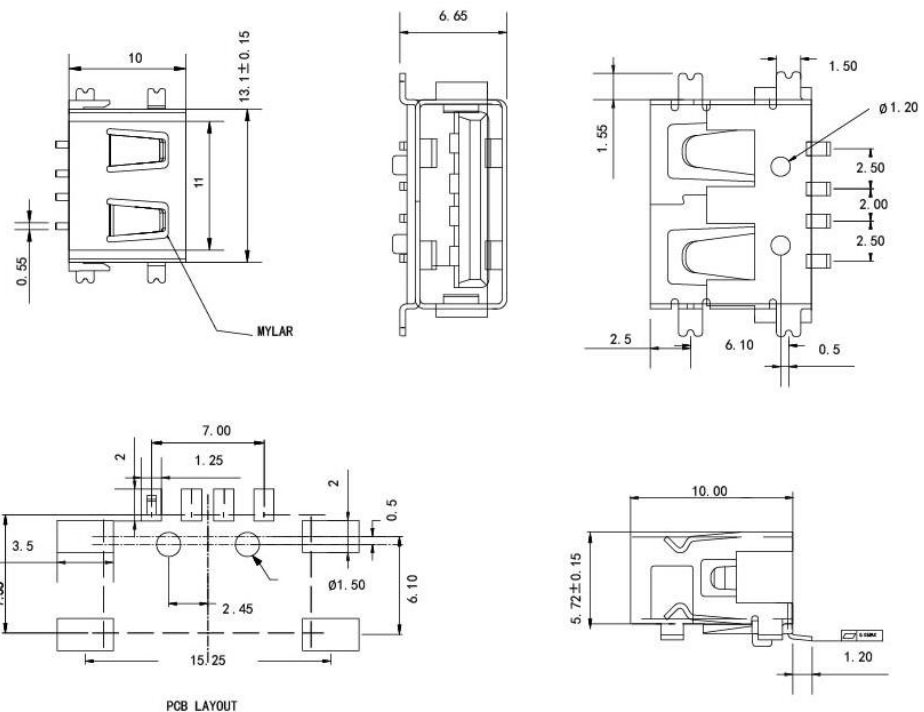
2.ELECTRICAL CHARACTERISTIC:

- 1) INSULATION RESISTANCE: 1000MΩ MIN.
- 2) CONTACT RESISTANCE: 30mΩ MAX.
- 3) WITHSTANDING VOLTAGE: 500V AC.

3.MECHANICAL CHARACTERISTICS:

- 1) INSERTION FORCE: 3.57Kgf MAX.
- 2) EXTRACTION FORCE: 1.02Kgf MIN.

ORDERING INFORMATION



Order information

B U S B - A 1 S 7 6 F - X X 4 X - X

W=Without halogen
O=UI94-VO

Shell plate spec:
T=Tin plated
N=Nickel plated

Housing colour:
B=Black N=Nature
W=White

Contact plate spec :
0=Fu" 1=3u" 2=6u"
3=15u" 4=30u"

Specification

1.Current Rating:1.5AMP at 250V AC

Voltage Rating:30V

2.Insulation Resistance:1000MΩ Min

3.Contact Resistance:30mΩ Max

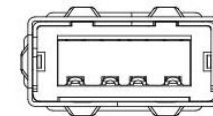
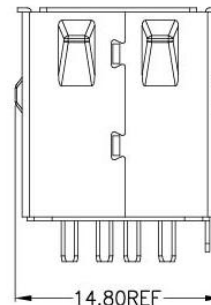
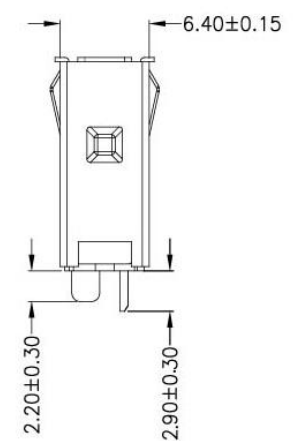
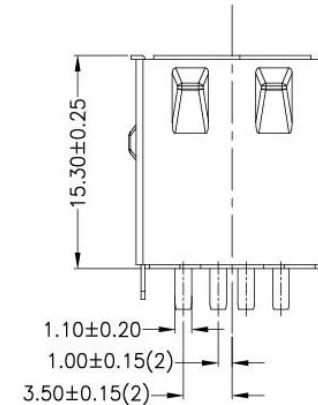
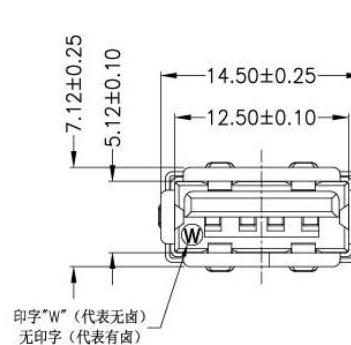
4.Dielectric Withstanding Voltage:500V AC

5.Temperature Range:-20°C to +60°C

6.Mechanical Characteristics:

Insertion Force:35 Newtons maximum

Extraction Force:10 Newtons minimum



Order information

103-125-09-A-001

Serial Number:001
002 003...Contact Plating:A=FU Au
B=3U C=6U D=15U F=30U

Contact PIN:9=9P

125=USB 3.0 A TYPE FEMALE SMT

103=USB

Specification**1.MATERIAL:**

- 1.1 INSULATOR:LCP UL 94V-0
- 1.2 CONTACT:BRONZE(T=0.20mm)
- 1.3 SHELL:BRASS(T=0.30mm)

2.ELECTRICAL CHARACTERISTICS:

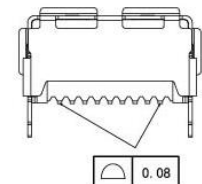
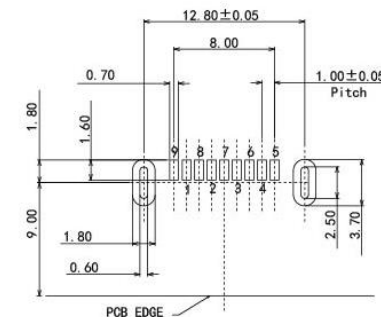
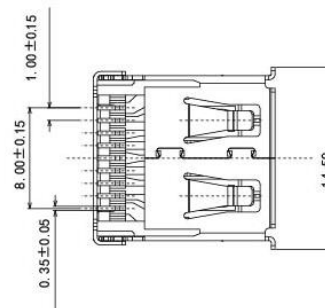
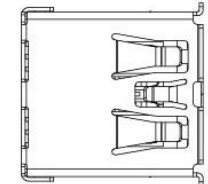
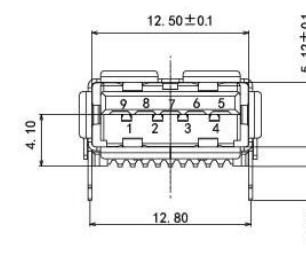
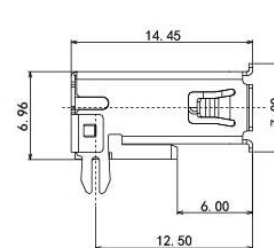
- 2.1 CONTACT RESISTANCE:30mΩ MAXIMUM
- 2.2 CONTACT CURRENT RATING:1.5A
- 2.3 DIELECTRIC WITHSTANDING VOLTAGE:500 V R.M.S.
- 2.4 INSULATION RESISTANCE 1000 MEGOHMS MIN
- 2.5 OPERATING TEMPERATURE:-40°C ~ 85°C

3 MECHANICAL CHARACTERISTICS:

- 3.1 MATING FORCE:3.57kg MAX
- 3.2 UNMATED FORCE:1.02kg MIN
- 3.3 DURABILITY:MANDATORY:5,000 CYCLES

4.PLATING**4.1 TERMINAL:**

- 50u" MIN NICKEL ALL OVER
- 80u" MIN Tin ON SOLDER AREA
- (1~30)u"Au ON CONTACT AREA

4.2 SHELL:100u"MIN.NICEL ALL OVER**5.Shell breaking force: 1kg/f Min**

Order information

BUSB-A1D70F-XX9X-X

W=Without halogen
O=UI94-VO

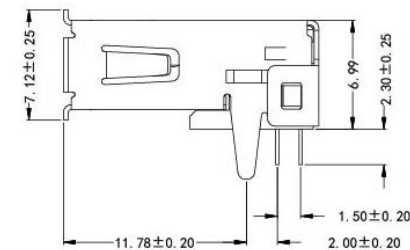
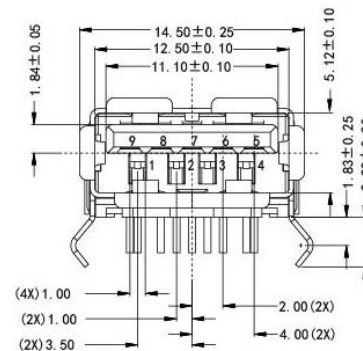
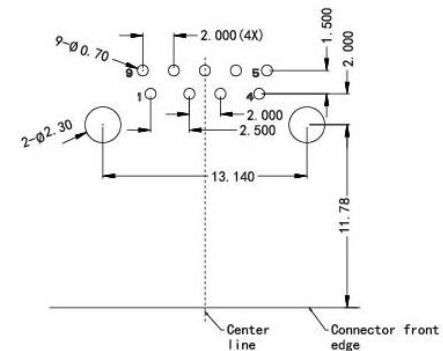
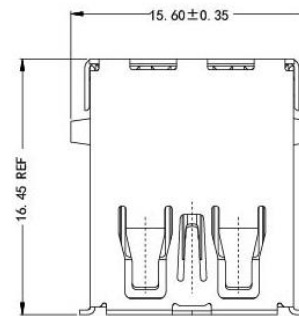
Shell plate spec:
T=Tin plated
N=Nicke plated

Housing colour:
B=Black N=Nature
W=White L=Blue

Contact plate spec :
0=Fu" 1=3u" 2=6u"
3=15u" 4=30u"

Specification

- 1.Current Rating:1.8AMP at 250V AC
Voltage Rating:30V
- 2.Insulation Resistance:100MΩ Min
- 3.Contact Resistance:30mΩ Max
- 4.Dielectric Withstanding Voltage:100V AC
- 5.Temperature Range:-25°C to +85°C
- 6.Mechanical Characteristics:
Insertion Force:35 Newtons maximum
Extraction Force:10 Newtons minimum



Order information

103-121-09-F-004

Serial Number:001
002 003...Contact Plating:A=FU Au
B=3U C=6U D=15U F=30U

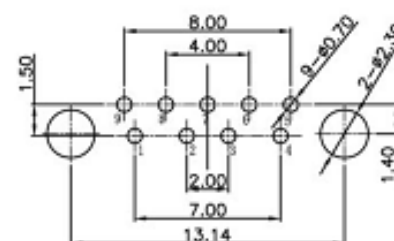
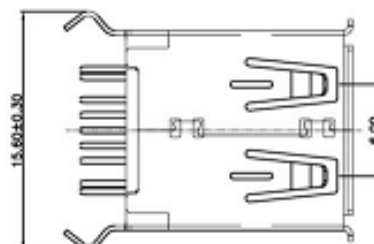
Contact PIN:9=9P

121=USB A TYPE 3.0 180°

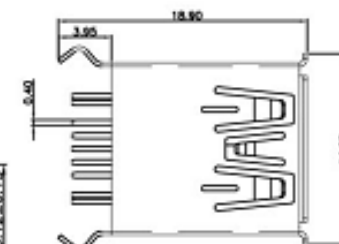
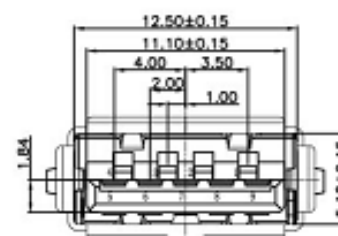
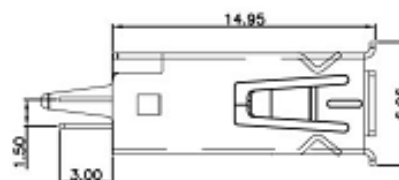
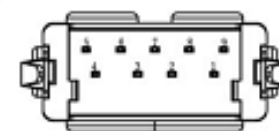
103=USB

Specification

- 1.Contact Resistance:30Ω Maximum.
- 2.Contact Current Rating:1.50A.
- 3.Dielectric Withstanding Voltage:100V R.M.S
- 4.Insulation Resistance:1000MΩ Min.
- 5.Operating Temperature:-40°C to +85°C
- 6.Mechanical Characteristics:
Mating Force:3.57kg Max
Unmating Force:1.02kg Min
- 7.Durability: C2680 1500 Cycle,SUS430 5000 Cycle



PCB LAYOUT

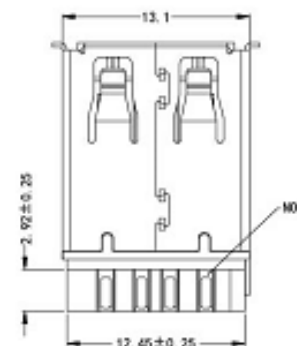
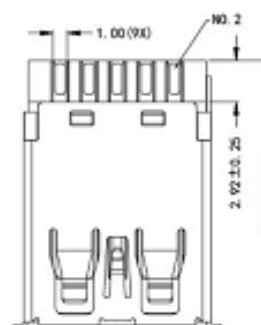
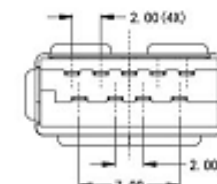
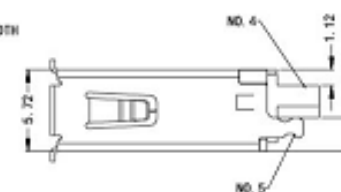
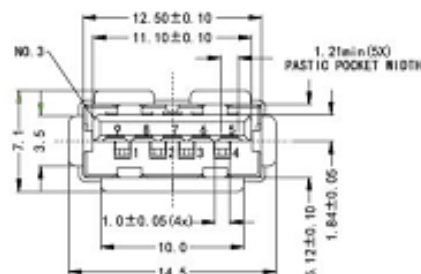


Order information

BUSB-A1S215F-XX9X-X

W=Without halogen
O=UI94-VOShell plate spec:
T=Tin plated
N=Nicke platedHousing colour:
B=Black N=Nature
W=White L=BlueContact plate spec :
0=Fu* 1=3u* 2=6u*
3=15u* 4=30u***Specification**

- 1.Current Rating:1.8AMP at 250V AC
Voltage Rating:30V
- 2.Insulation Resistance:100MΩ Min
- 3.Contact Resistance:30mΩ Max
- 4.Dielectric Withstanding Voltage:100V AC
- 5.Temperature Range:-25°C to +85°C
- 6.Mechanical Characteristics:
Insertion Force:35 Newtons maximum
Extraction Force:10 Newtons minimum



Order information

103-122-09-F-022

Serial Number:001
002 003...Contact Plating:A=FU Au
B=3U C=6U D=15U F=30U

Contact PIN:9=9P

122=USB 3.0 A TYPE FEMALE DIP 90°

103=USB

Specification

1. Contact Current Rating:

1.8 Amp for Pin1 & Pin4;

0.25 Amp for Other contacts.

2. Voltage Rating: 30V

3. Insulation Resistance: 100MΩ Min

4. Contact Resistance:

30mΩ Max for Pin1 & Pin4;

50mΩ Max for Other contacts.

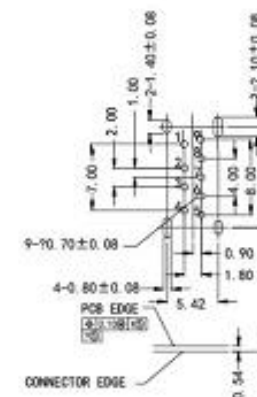
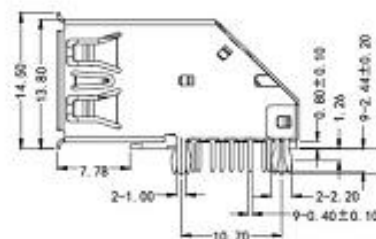
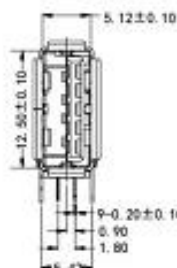
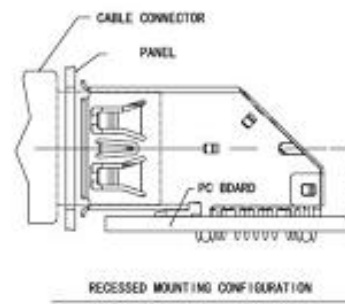
5. Dielectric Withstanding Voltage: 100V AC(RMS)

6. Temperature Range: -25°C to +85°C

7. Mechanical Characteristics:

Insertion Force: 35 Newtons maximum

Extraction Force: 10 Newtons minimum



Order information

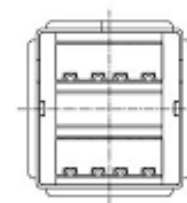
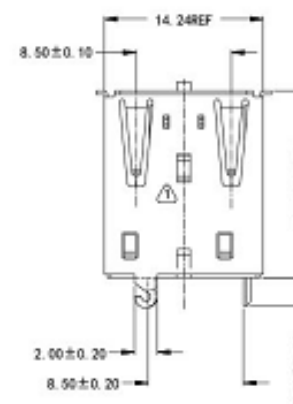
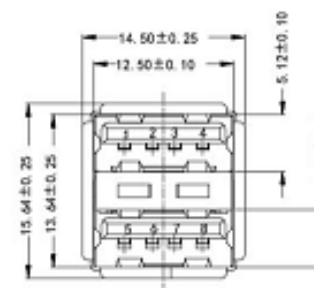
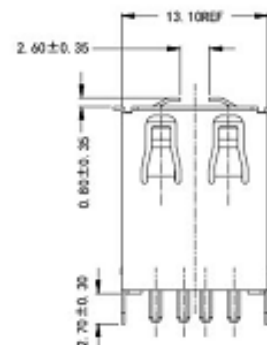
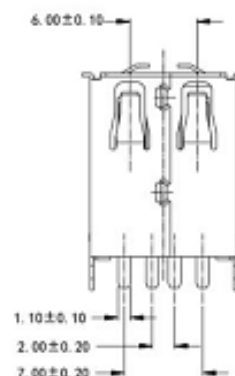
BUSB-A2S76F-XX8X

Shell plate spec:
T= Tin plated
N= Nickel plated
Housing colour:
B= Black N= Nature
W= White

Contact plate spec :
0=Fu* 1=3u* 2=6u*
3=15u* 4=30u*

Specification

1. Current Rating: 1.5AMP at 250V AC
Voltage Rating: 30V
2. Insulation Resistance: 1000MΩ Min
3. Contact Resistance: 30mΩ Max
4. Dielectric Withstanding Voltage: 500V AC
5. Temperature Range: -20°C to +60°C
Remark: 48Hours Guarantee by -30°C storage temperature
6. Mechanical Characteristics:
Insertion Force: 35 Newtons maximum
Extraction Force: 10 Newtons minimum



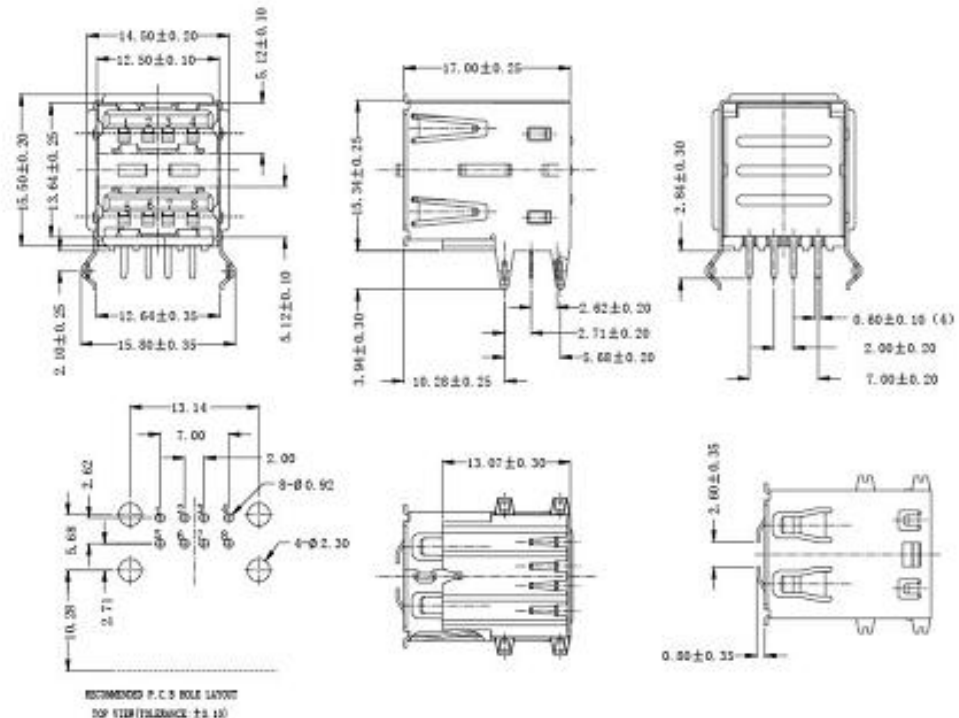
Order information

BUSB-A2D15F-XX8X

Shell plate spec:
T= Tin plated
N= Nickel plated
Housing colour:
B= Black N= Nature
W= White L= Blue(285)
Contact plate spec :
0=Fu* 1=3u* 2=6u*
3=15u* 4=30u*

Specification

1. Current Rating: 1.5AMP at 250V AC
Voltage Rating: 30V
2. Insulation Resistance: 1000MΩ Min.
3. Contact Resistance: 30mΩ Max.
4. Dielectric Withstanding Voltage: 500V AC
5. Temperature Range: -20°C to +60°C
6. Mechanical Characteristics:
Insertion Force: 35 Newtons maximum
Extraction Force: 10 Newtons minimum



Order information

B U S B - A 2 D 9 3 F - X X 8 X

Shell plate spec:

T= Tin plated

N= Nickel plated

Housing colour:

B= Black N= Nature

W= White

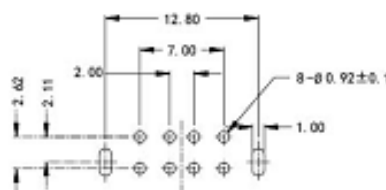
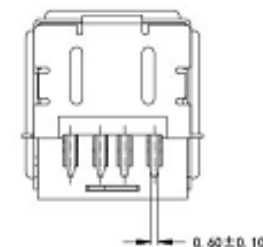
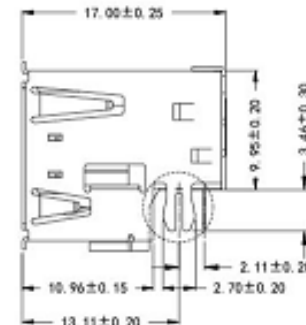
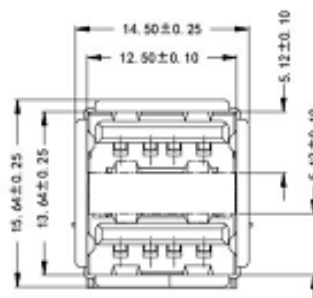
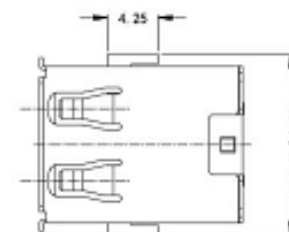
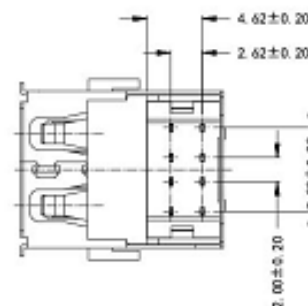
Contact plate spec :

0=Fu* 1=3u* 2=6u*

3=15u* 4=30u*

Specification

1. Current Rating: 1.5AMP at 250V AC
Voltage Rating: 30V
2. Insulation Resistance: $1000M\Omega$, Min
3. Contact Resistance: $30m\Omega$, Max
4. Dielectric Withstanding Voltage: 500V AC
5. Temperature Range: -20°C to +60°C
6. Mechanical Characteristics:
Insertion Force: 35 Newtons maximum
Extraction Force: 10 Newtons minimum

RECOMMENDED P.C.B. HOLE LAYOUT
TOP VIEW (TOLERANCE: ±0.10)

Order information

BUSB-A2D108F-XX8X-W

W=HF

Shell plate spec:

T=Tin plated

N=Nicke plated

Housing colour:

B=Black N=Nature

W=White

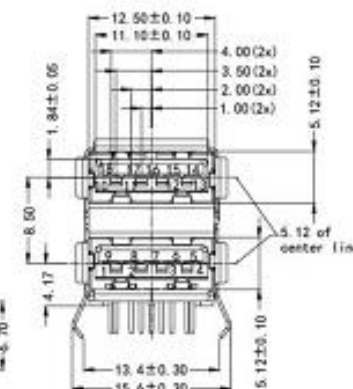
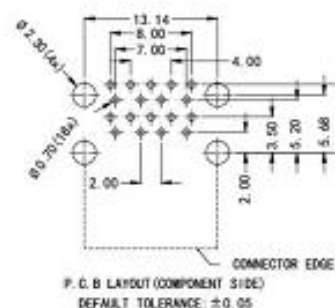
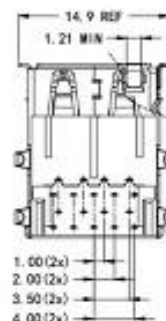
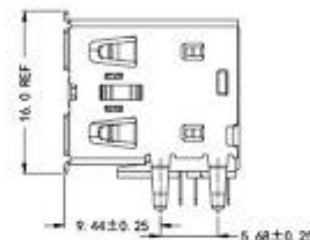
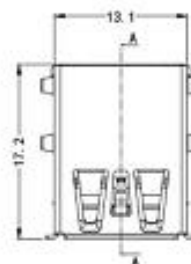
Contact plate spec :

0=Fu* 1=3u* 2=6u*

3=15u* 4=30u*

Specification

- 1.Current Rating: 1.8AMP for Pin1 and Pin4,
0.25AMP for Other contacts .
- 2.Voltage Rating: 30V.
- 3.Insulation Resistance:100MΩ Min.
- 4.Contact Resistance:
30mΩ Max for Pin1 & Pin4 and Pin10 & Pin13;
50mΩ Max for Other contacts.
- 5.Dielectric Withstanding Voltage:100V AC (RMS)



Order information

BUSB-B1RXM-XX4X-X

W=Without halogen
O=UL94-VO
H=UL94-HB

Shell plate spec:
T=Tin plated
N=Nicke plated

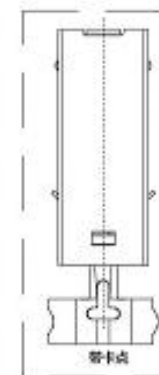
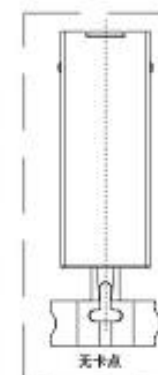
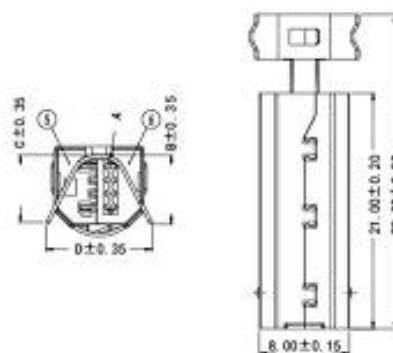
Housing colour:
B=Black N=Nature
W=White

Contact plate spec :
0=Fu* 1=3u* 2=6u*
3=15u* 4=30u*

Product sequence:01、02/03...

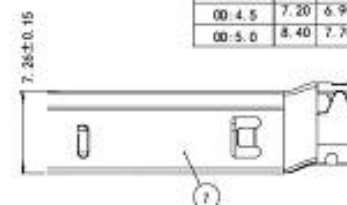
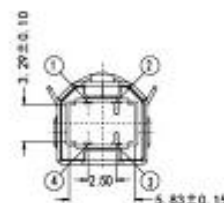
Specification

- 1.Voltage Rating:30V AC
- 2.Current Rating:1.5AMP.
- 3.Insulation Resistance:1000MΩ Min.
- 4.Contact Resistance:30mΩ Max.
- 5.Dielectric Withstanding Voltage:500V AC
- 6.Temperature Range:-20°C to +60°C



附 2

(A)	(B)	(C)	(D)
00-4.0	6.0	6.0	10.00
00-4.5	7.20	6.90	9.10
00-5.0	8.40	7.70	10.10



Order information

BUSB-B1SXM-XX4X-X

W=Without halogen
O=UL94-VO
H=UL94-HB

Shell plate spec:
T=Tin plated
N=Nicke plated

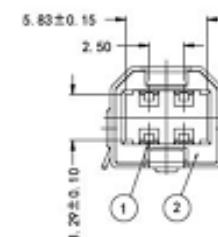
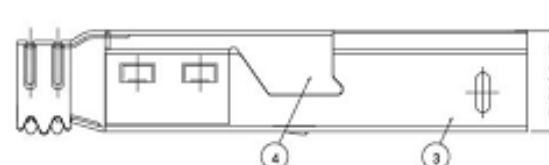
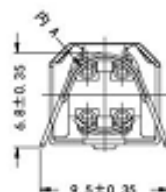
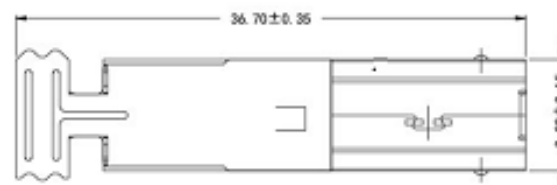
Housing colour:
B=Black N=Nature
W=White

Contact plate spec :
0=Fu* 1=3u* 2=6u*
3=15u* 4=30u*

Product sequence:01、02/03...

Specification

- 1.Voltage Rating:30V AC
- 2.Current Rating:1.5AMP.
- 3.Insulation Resistance:1000MQ Min.
- 4.Contact Resistance:30mQ Max.
- 5.Dielectric Withstanding Voltage:500V AC
- 6.Temperature Range:-20°C to +60°C



Order information

B U S B - B 1 S X X M - X X 9 X - W

Shell plate spec:

T= Tin ;

N= Nickel ;

G= Gold;

M= Gold and Nickel

Housing plate spec:

B= Black N= Nature

W= White Y= Yeellow

Contact plate spec :

0=Fu* 1=3u* 2=6u*

3=15u* 4=30u* 5=5u*

6=10u* 7=50*

Product sequence:01, 02, 03, ...

Specification

1.Current Rating:

1.8 Amp for Pin1 & Pin4;

0.25 Amp for Other contacts.

2.Voltage Rating: 30V

3.Insulation Resistance:100MΩ Min

4.Contact Resistance:

30mΩ Max for Pin1 & Pin4;

50mΩ Max for Other contacts.

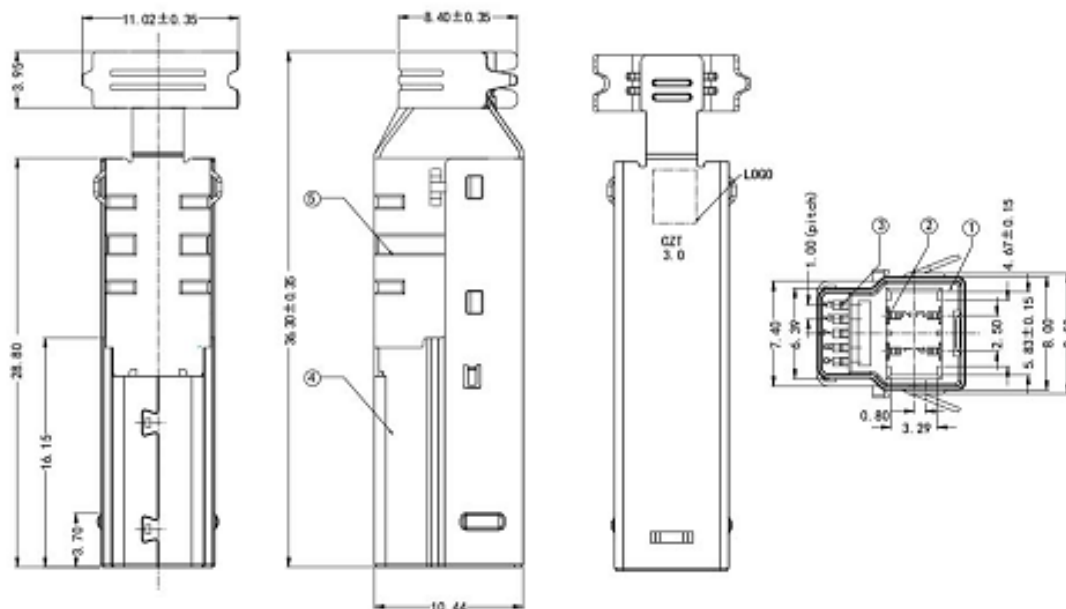
5.Dielectric Withstanding Voltage:100V AC (RMS)

6.Temperature Range:-20°C to +85°C

7.Mechanical Characteristics:

Insertion Force:35 Newtons maximum

Extraction Force:10 Newtons minimum



Order information

B U S B - B 1 S 0 1 F - X X 4 X

Shell plate spec:

T= Tin plated

N= Nickel plated

Housing colour:

B= Black N= Nature

W= White

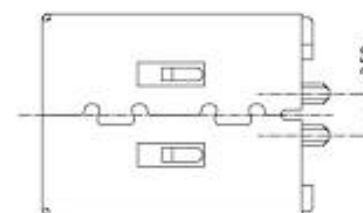
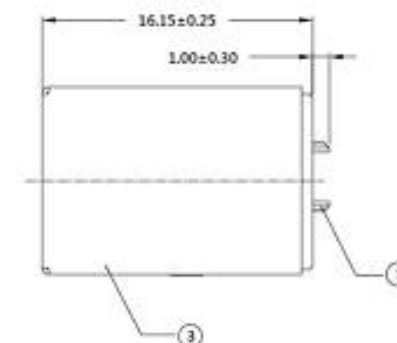
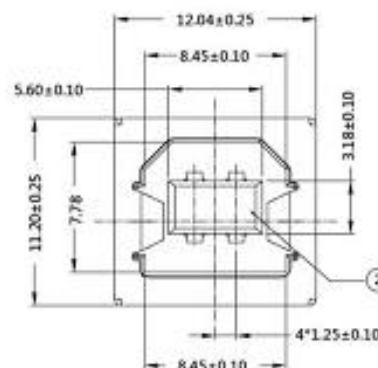
Contact plate spec :

0=Fu* 1=3u* 2=6u*

3=15u* 4=30u*

Specification

- 1.Voltage Rating:30V AC
- 2.Current Rating:1AMP.
- 3.Insulation Resistance:1000MQ Min.
- 4.Contact Resistance:30mΩ Max.
- 5.Dielectric Withstanding Voltage:500V AC
- 6.Temperature Range:-20°C to +60°C
Remark:48Hours Guarantee by -30°C storage temperaturee
- 7.Insertion Force:35 Newtons maximum
- 8.Extraction Force:10 Newtons minimum



Order information

BUSB-B1M06F-XX4X-X

W=Without halogen
O=UL94-V0

Shell plate spec:
T=Tin plated
N=Nicke plated

Housing colour:
B=Black N=Nature
W=White L=Blue

Contact plate spec :
0=Fu* 1=3u* 2=6u*
3=15u* 4=30u*

Specification

1.Current Rating:1.5AMP at 250V AC

Voltage Rating:30V

2.Insulation Resistance:1000MΩ Min

3.Contact Resistance:30mΩ Max

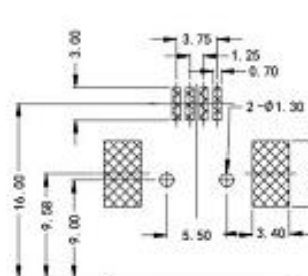
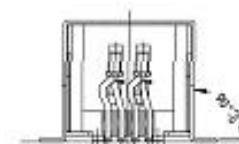
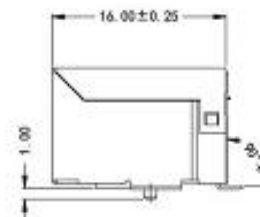
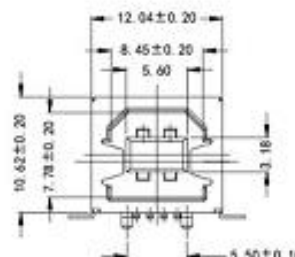
4.Dielectric Withstanding Voltage:500V AC

5.Temperature Range:-20°C to +60°C

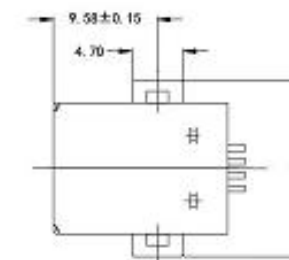
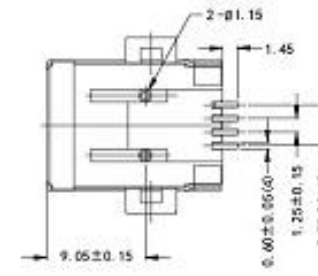
6.Mechanical Characteristics:

Insertion Force:35 Newtons maximum

Extraction Force:10 Newtons minimum



RECOMMENDED P.C.B HOLE LAYOUT
TOP VIEW(TOLERANCE: ±0.10)



Order information

B U S B - B 1 D 4 0 F - X X 4 X

Shell plate spec:

T= Tin plated

N= Nickel plated

Housing colour:

B= Black N= Nature

W= White

Contact plate spec :

0=Fu* 1=3u* 2=6u*

3=15u* 4=30u*

Specification

1.Voltage Current Rating:1AMP,30V AC

2.Insulation Resistance:1000M(g) Min

3.Contact Resistance:30m(g) Max

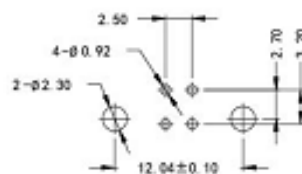
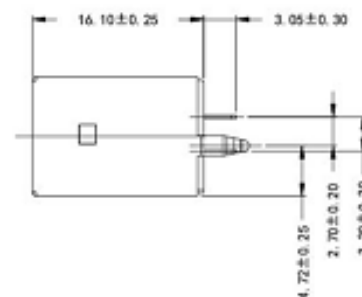
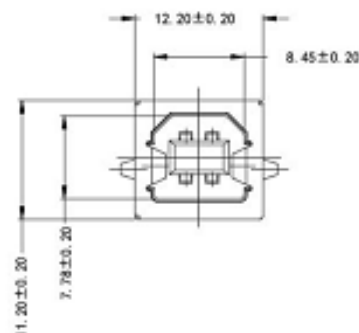
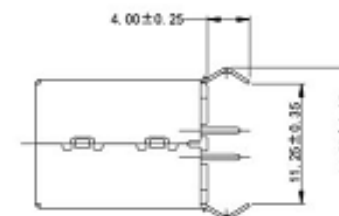
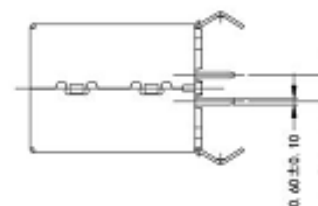
4.Dielectric Withstanding Voltage:500V AC

5.Temperature Range:-20▲C to +60▲C

6.Mechanical Characteristics:

Insertion Force:35 Newtons maximum

Extraction Force:10 Newtons minimum

RECOMMENDED P.C.B HOLE LAYOUT
TOP VIEW (TOLERANCE: ±0.10)

Order information

B U S B - B 1 D 0 4 F - X X 4 X

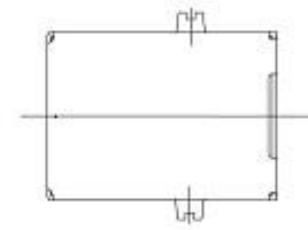
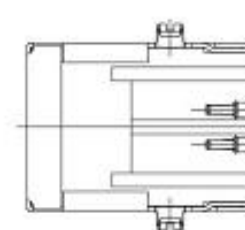
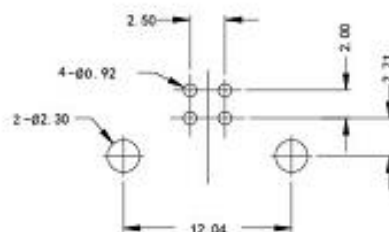
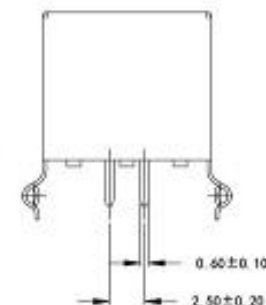
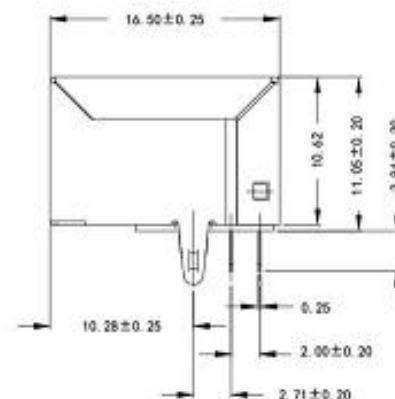
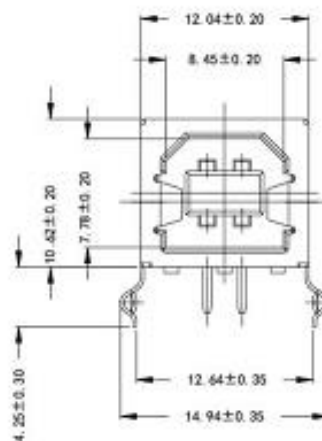
Shell plate spec:
T= Tin plated
N= Nickel plated

Housing colour:
B= Black N= Nature
W= White

Contact plate spec :
0=Fu* 1=3u* 2=6u*
3=15u* 4=30u*

Specification

1. Current Rating: 1.5AMP at 250V AC
Voltage Rating: 30V
2. Insulation Resistance: 1000M Ω , Min
3. Contact Resistance: 30m Ω , Max
4. Dielectric Withstanding Voltage: 500V AC
5. Temperature Range: -20°C to +60°C
6. Mechanical Characteristics:
Insertion Force: 35 Newtons maximum
Extraction Force: 10 Newtons minimum



Order information

B USB-B1D125 F-X X9 X-X

W=Without halogen
O=UL94-VOShell plate spec:
T=Tin plated
N=Nicke platedHousing colour:
B=Black N=Nature
W=White L=BlueContact plate spec :
0=Fu* 3=15u* 4=30u***Specification**

1.Current Rating:

1.8 Amp for Pin1 & Pin4;

0.25 Amp for Other contacts.

2.Voltage Rating: 30V

3.Insulation Resistance:100MQ Min

4.Contact Resistance:

30mΩ Max for Pin1 & Pin4;

50mΩ Max for Other contacts.

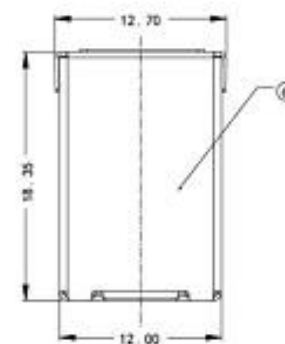
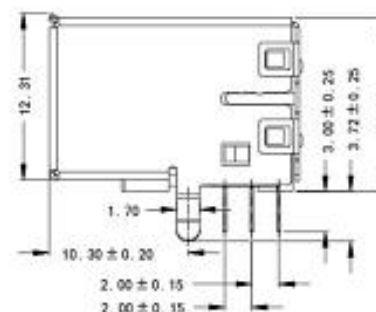
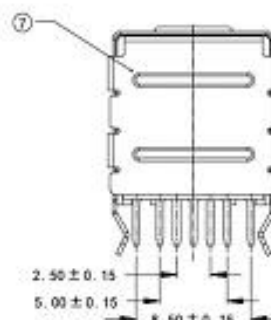
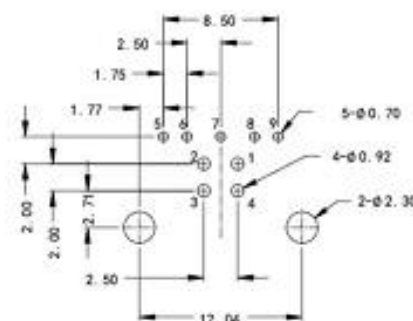
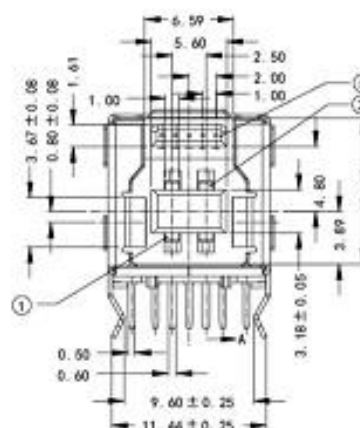
5.Dielectric Withstanding Voltage:100V AC (RMS)

6.Temperature Range:-20°C to +85°C

7.Mechanical Characteristics:

Insertion Force:35 Newtons maximum

Extraction Force:10 Newtons minimum



Order information

BMIN-B1SXM-X5X-X

W=Without halogen

O=UL94-VO

Shell plate spec:

T=Tin plated

N=Nicke plated

G=Au plated

Housing colour:

B=Black N=Nature

W=White L=Blue

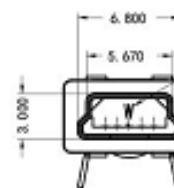
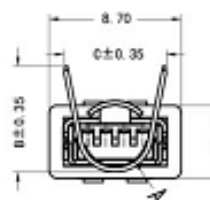
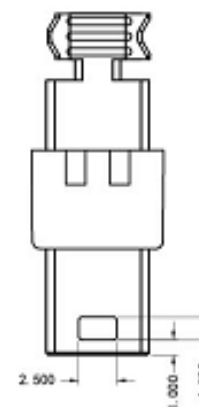
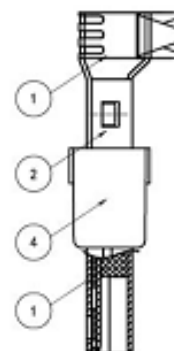
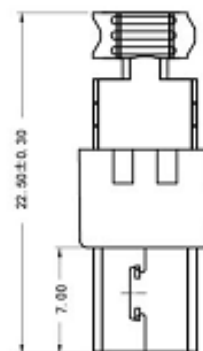
Contact plate spec :

0=Fu* 3=15u* 4=30u*

Product sequence:01、02、03、...

Specification

- 1.Voltage Rating:30V AC
- 2.Current Rating:1AMP.
- 3.Insulation Resistance:100MQ Min.
- 4.Contact Resistance:50mΩ Max.
- 5.Dielectric Withstanding Voltage:100V AC
- 6.Temperature Range:-20°C to +60°C



印字: "W" 代表无卤
无印字: 代表有卤

Order information

BMIN-B1M16 F-XX9 X

Shell plate spec:

T= Tin plated

N= Nickel plated

Housing colour:

B= Black N= Nature

W= White L= Blue

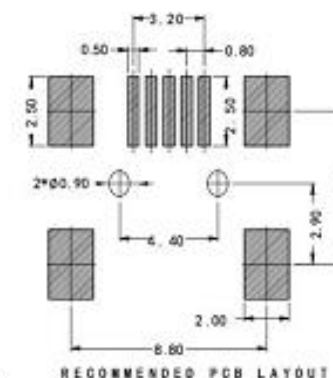
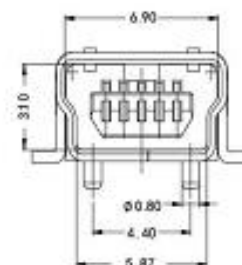
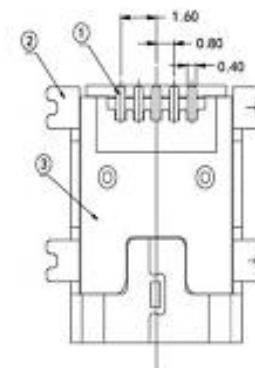
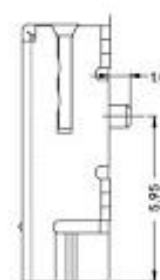
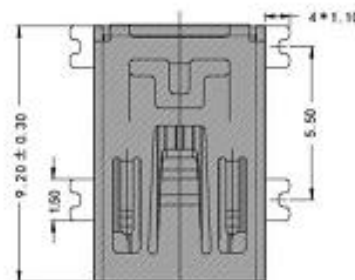
Contact plate spec :

0=Fu* 1=3u* 2=6u*

3=15u* 4=30u*

Specification

1. Voltage Rating: 30V AC
2. Current Rating: 1AMP.
3. Insulation Resistance: 100MΩ Min.
4. Contact Resistance: 50mΩ Max.
5. Dielectric Withstanding Voltage: 100V AC
6. Temperature Range: -20°C to +60°C



Order information

BMIR-B1S26M-XX5X-W

Shell plate spec:
T= Tin plated
N= Nickel plated

Housing colour:
B= Black N= Nature
W= White L= Blue

Contact plate spec :
0=Fu* 1=3u* 2=6u*
3=15u* 4=30u*

Specification

1. Current Rating: 1.8AMP at 250V AC

Voltage Rating: 30V

2. Insulation Resistance: 1000MΩ Min

3. Contact Resistance: 30mΩ Max

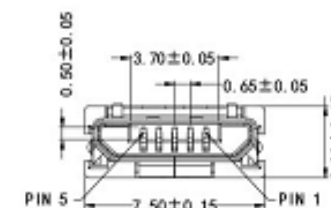
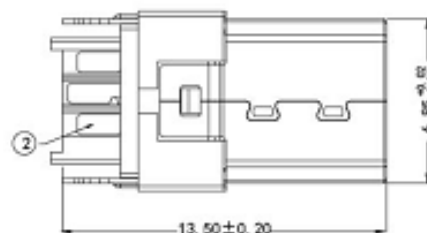
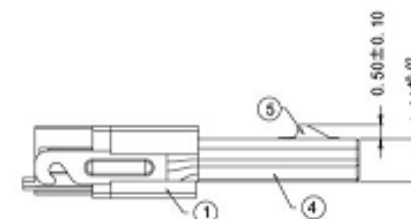
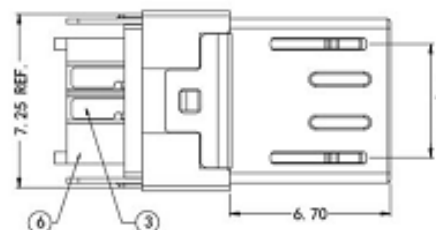
4. Dielectric Withstanding Voltage: 100V AC

5. Temperature Range: -20°C to +60°C

6. Mechanical Characteristics:

Insertion Force: 35 Newtons maximum

Extraction Force: 10 Newtons minimum



Order information

BMIR-B1554F-XX5X

Shell plate spec:

T= Tin plated

N= Nickel plated

Housing colour:

B= Black N= Nature

W= White L= Blue

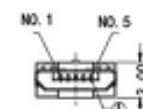
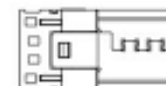
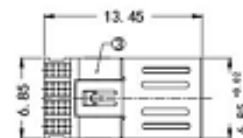
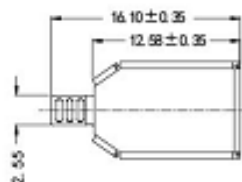
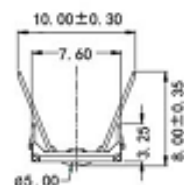
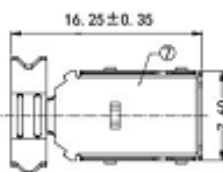
Contact plate spec :

0=Fu* 1=3u* 2=6u*

3=15u* 4=30u*

Specification

- 1.Voltage Rating:30V AC
- 2.Current Rating:1.5AMP.
- 3.Insulation Resistance:1000MΩ Min.
- 4.Contact Resistance:30mΩ Max.
- 5.Dielectric Withstanding Voltage:100V AC
- 6.Temperature Range:-20°C to +85°C
- 7.Insertion Force:35N Max.
- 8.Extraction Force:8N Min.
- 9.Salt Spray:16H



Order information

BMIR-B1S23M-XX10X-X

W=Without halogen
O=UL94-V0

Shell plate spec:
T=Tin plated
N=Nicke plated
G=Au plated

Housing colour:
B=Black N=Nature
W=White L=Blue

Contact plate spec :
0=Fu* 1=3u* 2=6u*
3=15u* 4=30u*

Specification

1.Current Rating:1AMP

Voltage Rating:30V

2.Insulation Resistance:100MΩ Min

3.Contact Resistance:30mΩ Max

4.Dielectric Withstanding Voltage:500V AC

5.Impedances $90 \pm 15 \Omega$

6.Temperature Range:-25°C to +85°C

7.Mechanical Characteristics:

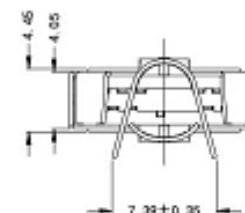
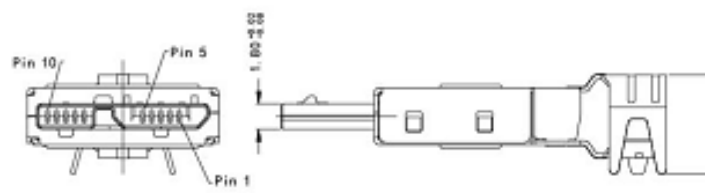
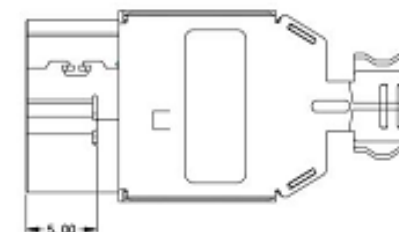
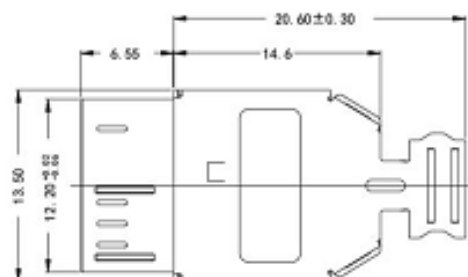
Insertion Force:35 Newtons maximum

Extraction Force:8-25 Newtons

8.Durability When rated up of 10000cycles

repeated at a rate of 500cycles/H

9.Salt Spray 24 hours



Order information

103-343-05-B-001

Serial Number: 001 002 003...

Contact Plating: A=FU Au

B=3U C=6U D=15U F=30U

Pin Number.: 5 = 5P

343=Micro USB 2.0 Puncture Type

103=USB

Specification

1. Electrical Characteristics:

Contact Current Rating: (2,3,4PIN) 1A, (1,5PIN) 1.8

Dielectric Withstanding Voltage: AC 100V R.M.S.

Insulation Resistance: 100MΩ Min.

Contact Resistance: 30mΩ Max.

2. Environmental:

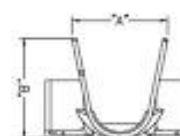
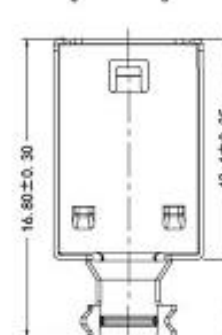
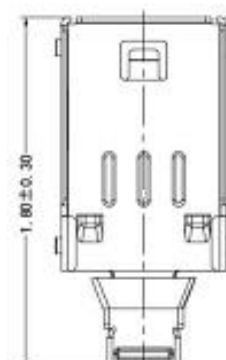
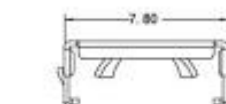
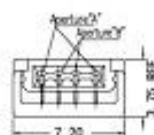
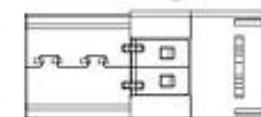
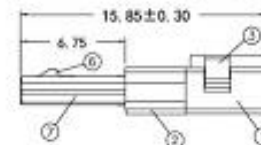
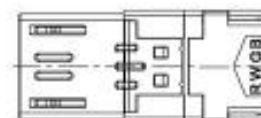
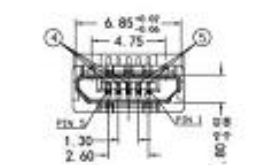
Operating Temperature: -30°C ~ +85°C.

3. Mechanical Characteristics:

Matching Cycles: 10000 Cycles.

Contact Insertion Force: 35N Max.

Contact Separation Force: 8-25N Min.



Order information

BMIR-B1M06F-XX5X-X

W=Without halogen
O=UI94-VO

Shell plate spec:

T=Tin plated

N=Nicke plated

G=Gold plated

K=Weldable Ni plated

Housing colour:

B=Black N=Nature

W=White

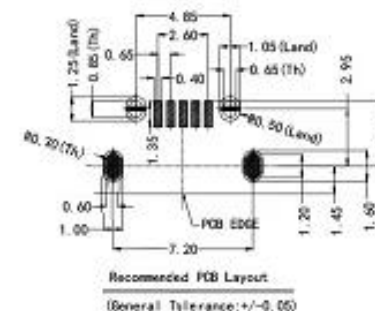
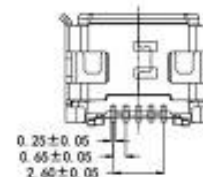
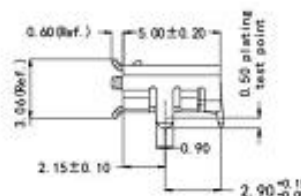
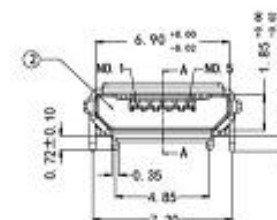
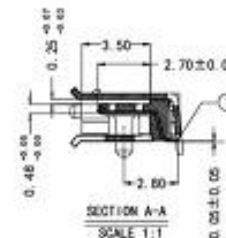
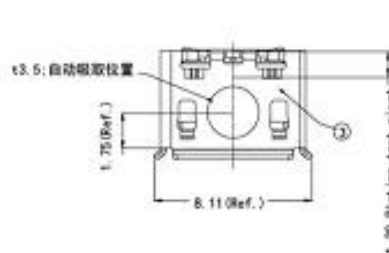
Contact plate spec :

0=Fu* 1=3u* 2=6u*

3=15u* 4=30u*

Specification

- 1.Voltage Rating:30V AC
- 2.Current Rating:1.8AMP.
- 3.Insulation Resistance:1000MΩ Min.
- 4.Contact Resistance:30mΩ Max.
- 5.Dielectric Withstanding Voltage:100V AC
- 6.Temperature Range:-20°C to +85°C
- 7.Insertion Force:35N Max.
- 8.Extraction Force:8N Min.



Order information

BMIR-B1M04 F-X X10 X

Shell plate spec:

T= Tin plated

N= Nickel plated

Housing colour:

B= Black N= Nature

W= White L= Blue

Contact plate spec :

0=Fu* 1=3u* 2=6u*

3=15u* 4=30u*

Specification

Mechanical Characteristics:

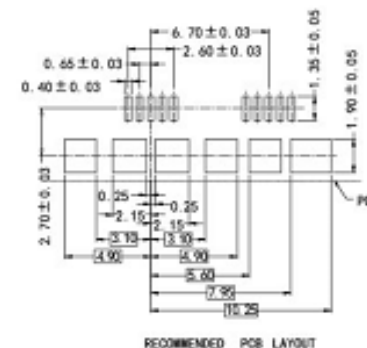
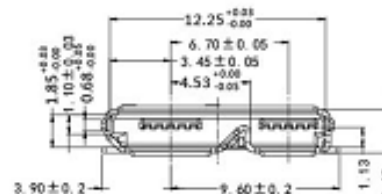
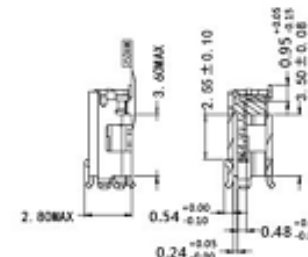
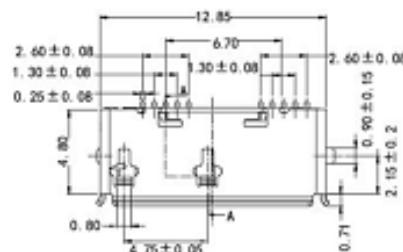
Mating Force: 3.57kg Max.

Unmating Force: 1.02kg Min.

Retention Force: 8N/PCS Min.

Environmental:

Operating Temperature: -0°C to +50°C



Order information

B PUB-A2S02M-XX8 X-X

W=Without halogen
O=UL94-V0

Shell plate spec:
T=Tin plated
N=Nicke plated
G=Gold plated
K=Weldable Ni plated

Housing colour:
B=Black N=Nature
W=White

Contact plate spec :
0=Fu* 1=3u* 2=6u*
3=15u* 4=30u*

Specification

1.Current Rating: Powered 3AMP Usb 1AMP

Voltage Rating:24V

2.Insulation Resistance:1000MΩ Min.

3.Contact Resistance:30mΩ Max.

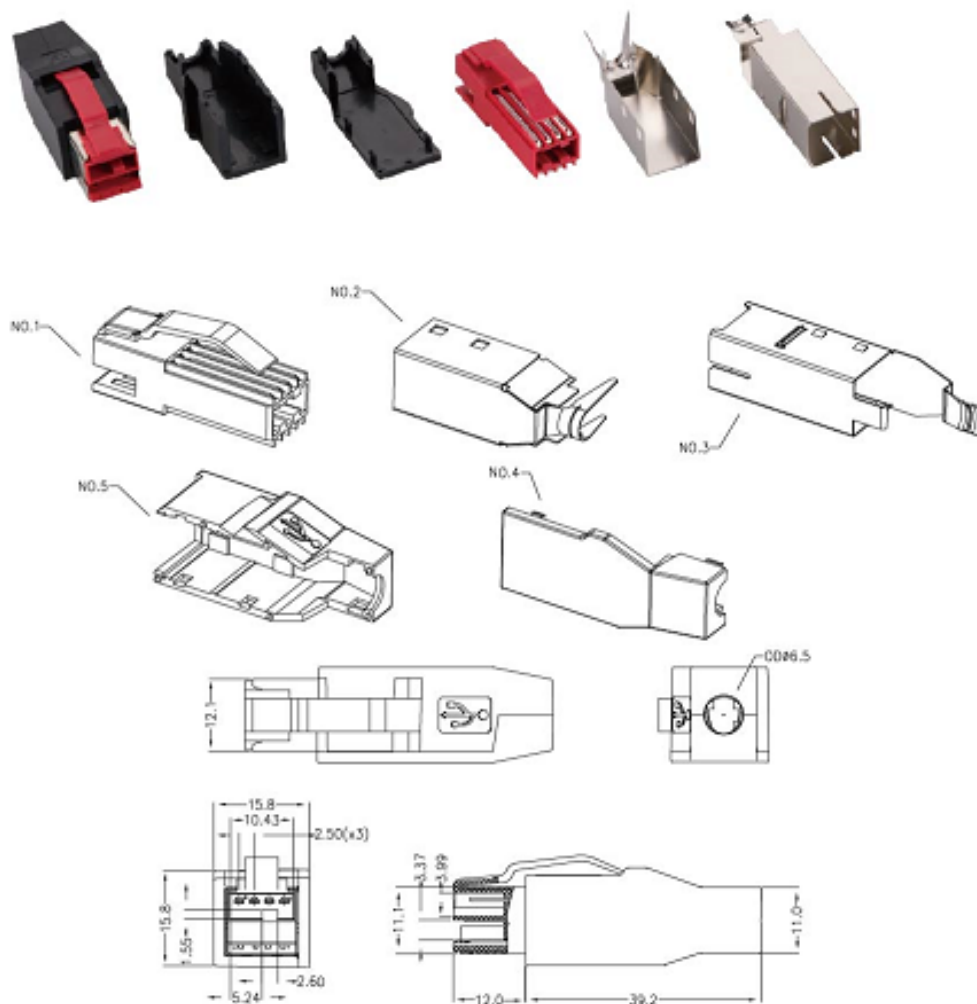
4.Dielectric Withstanding Voltage:100V AC

5.Temperature Range:-20°C to +85°C

6.Mechanical Characteristics:

Insertion Force:35 Newtons maximum

Extraction Force:10 Newtons minimum



Order information

BPUB-A2D01F-XX8 X-X

W=Without halogen
O=UI94-VO

Shell plate spec:

T=Tin plated

N=Nicke plated

G=Gold plated

K=Weldable Ni plated

Housing colour:

B=Black N=Nature

W=White

Contact plate spec :

0=Fu* 1=3u* 2=6u*

3=15u* 4=30u*

Specification

1.Current Rating:Powered 3AMP Usb 1AMP

Voltage Rating:24V&5V

2.Insulation Resistance:1000MQ Min

3.Contact Resistance:30mQ Max

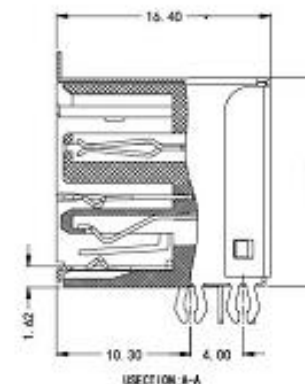
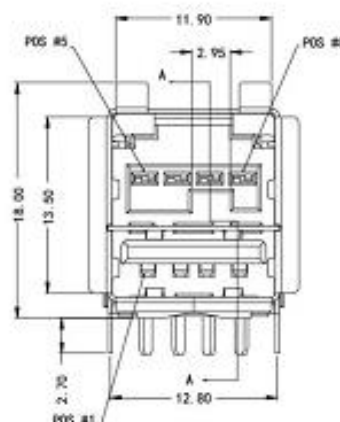
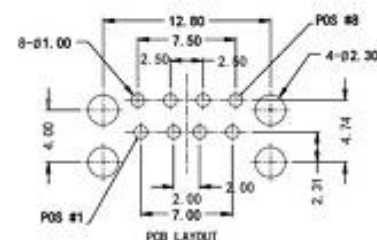
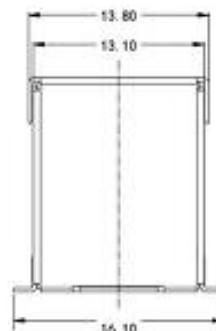
4.Dielectric Withstanding Voltage:100V AC

5.Temperature Range:-25°C to +85°C

6.Mechanical Characteristics:

Insertion Force:35 Newtons maximum

Extraction Force:10 Newtons minimum



Order information

BHDI-A1S27M-XX19X-X

W=Without halogen
O=UL94-V0

Shell plate spec:
T= Tin plate;
N= Nickel plate;
W= Matte Tin plate

Housing plate spec:
B=Black N= Nature
W= White

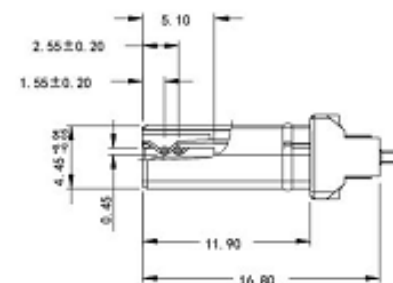
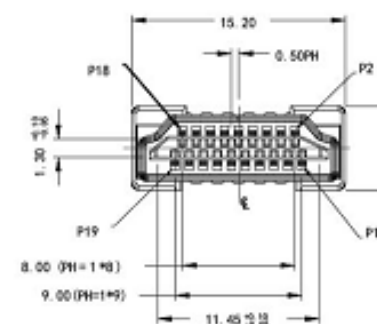
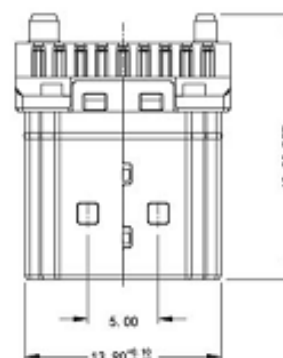
Contact plate spec :
0=Fu* 1=3u* 2=6u*
3=15u* 4=30u*

Specification**1. Electrical**

- 1.1. Rated Voltage: 40V AC/DC maximum
- 1.2. Rated Current: 0.5A max.
- 1.3. Dielectric strength: 150V AC/1 minute
- 1.4. Insulation Resistance: 150V DC 10MΩ min.
- 1.5. Contact Resistance: 30mΩ Max.

2. Mechanical

- 2.1. Insertion Force Max: 4.5kgf max.
 - 2.2. Removal Force Min: 1.0kgf min. , 4.0kgf max.
 - 2.3. Durability: 10,000 cycles at 100±50 cycles per hour
3. Ambient Temperature: -20°C To +85°C



Order information

BHD1-A1S08M-XX19X-X

W=Without halogen
O=UL94-VOShell plate spec:
T=Tin plate;
N=Nickel plate;
W=Matte Tin plateHousing plate spec:
B=Black N=Nature
W=WhiteContact plate spec :
0=Fu* 1=3u* 2=6u*
3=15u* 4=30u***Specification:**

1.Current Rating:

0.5 Amp at 40V AC

2.Voltage Rating: 40V

3.Insulation Resistance:100MQMin.

4.Contact Resistance:30mΩMax.

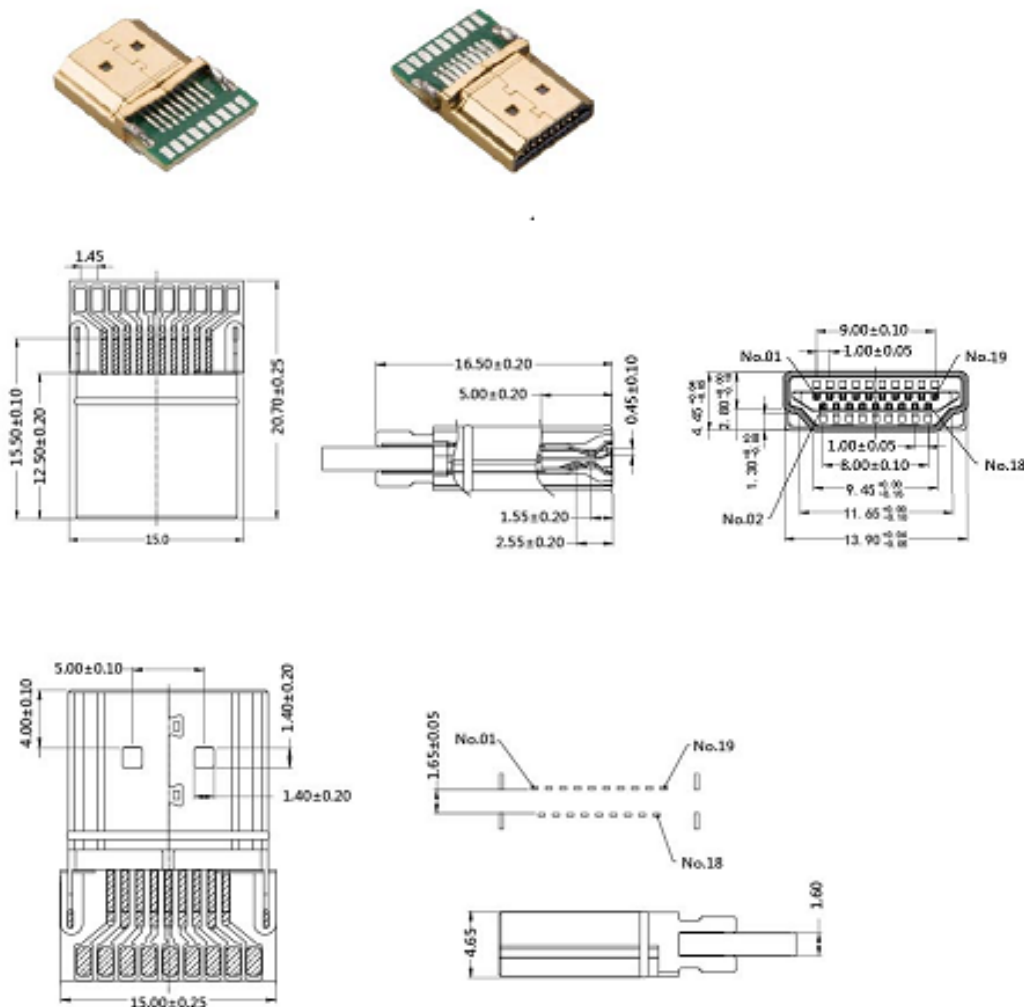
5.Dielectric Withstanding Voltage:500V AC

6.Operating Temperature:-30°C to +80°C

7.Mechanical Characteristics:

Insertion Force:4.5Kgf. Max.

Extraction Force:1Kgf. Min. 4.0Kgf. Max.



Order information

BHDI-A1S33F-XX19X-X

W=Without halogen
O=UL94-VO

Shell plate spec:
T=Tin plate;
N=Nickel plate;
W=Matte Tin plate

Housing plate spec:
B=Black N=Nature
W=White

Contact plate spec :
0=Fu* 1=3u* 2=6u*
3=15u* 4=30u*

Specification:

1.Current Rating:

0.5 Amp at 40V AC

2.Voltage Rating: 40V

3.Insulation Resistance:100Ω Min.

4.Contact Resistance:30mΩMax.

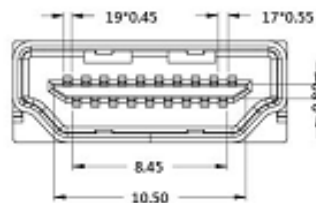
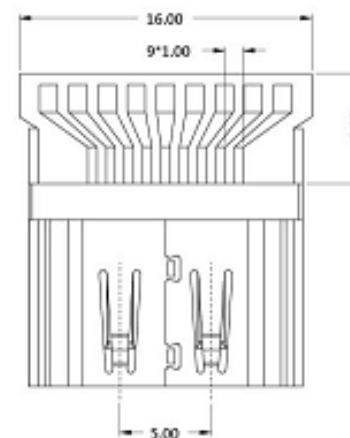
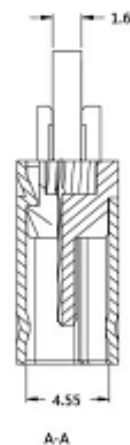
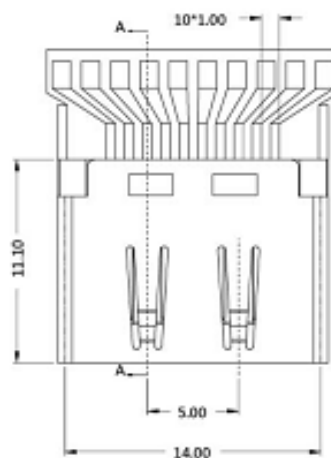
5.Dielectric Withstanding Voltage:500V AC

6.Operating Temperature:-30°C to +80°C

7.Mechanical Characteristics:

Insertion Force:4.5Kgf. Max.

Extraction Force:1Kgf. Min. 4.0Kgf. Max.



Order information

105-022-19-A-039

Serial Number:001
002 003...Contact Plating:A=FU AU
B=3U C=6U D=15U F=30U
Pin Number:19=19P021=HDMI A TYPE FEMALE DIP180°
022=HDMI A TYPE FEMALE DIP90°

103=USB

Specification:

- 1.Current Rating:
0.5 Amp at 40V AC
- 2.Voltage Rating: 40V
- 3.Insulation Resistance:100MΩMin.
- 4.Contact Resistance:30mΩ Max.
- 5.Dielectric Withstanding Voltage:500V AC
- 6.Operating Temperature:-30°C to +80°C
- 7.Mechanical Characteristics:
Insertion Force:4.5Kgf. Max.
Extraction Force:1Kgf. Min. 4.0Kgf. Max.

