

Magnetic Transducer

SMT01

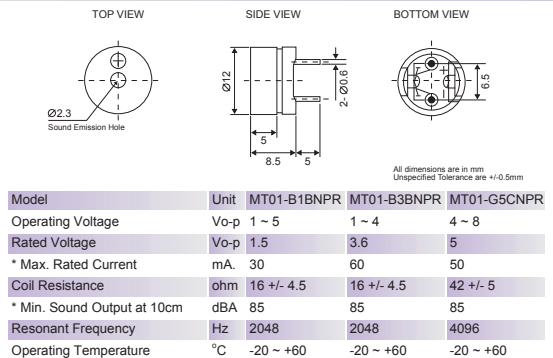


MATERIALS

Color - Black
Plastic Material - Noryl
Terminal - Pin Type
Wire type is available

Weight

approx. 2 gm.



SMT06

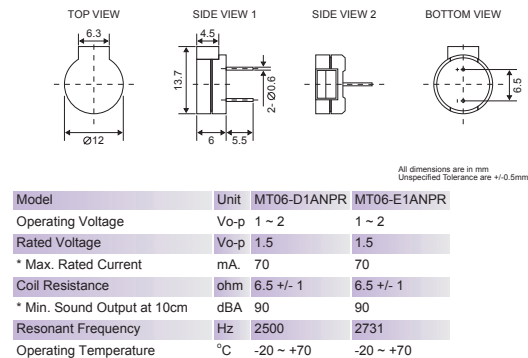


MATERIALS

Color - Black
Plastic Material - Noryl
Terminal - Pin Type

Weight

approx. 2 gm.



SMT02

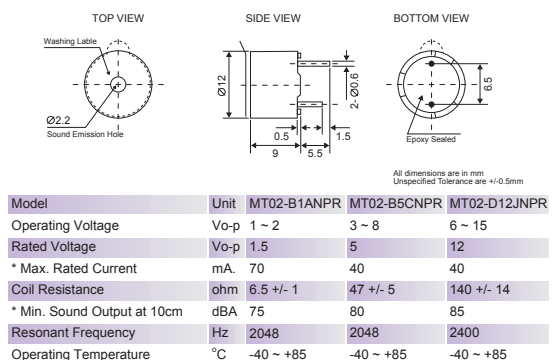


MATERIALS

Color - Black
Plastic Material - Noryl
Terminal - Pin Type

Weight

approx. 2 gm.



SMT11

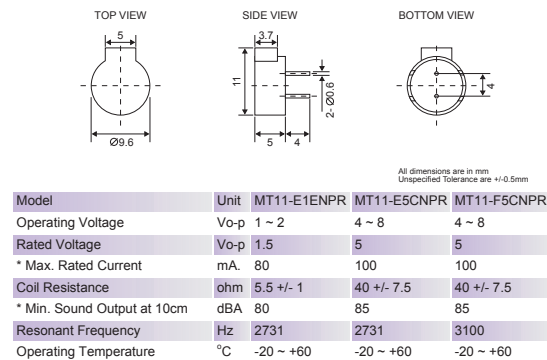


MATERIALS

Color - Black
Plastic Material - Noryl
Terminal - Pin Type

Weight

approx. 1 gm.



SMT03

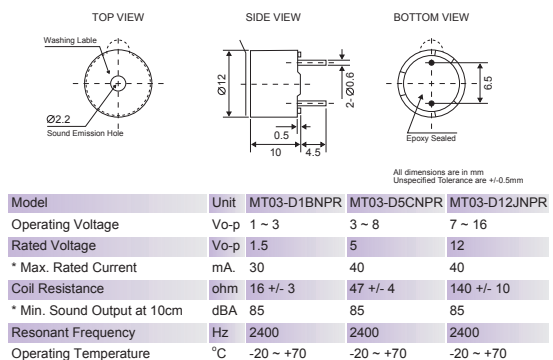


MATERIALS

Color - Black
Plastic Material - Noryl
Terminal - Pin Type

Weight

approx. 2 gm.



SMT13

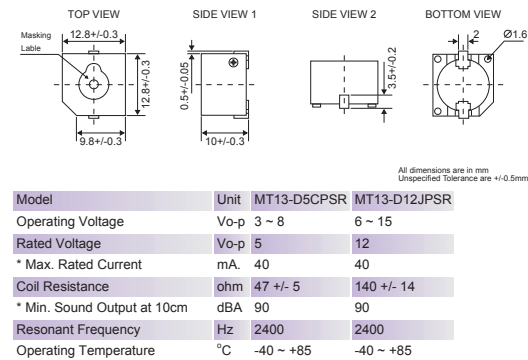


MATERIALS

Color - Grey
Plastic Material - PPS
Terminal - SMD Type

Weight

approx. 2 gm.



SMT04

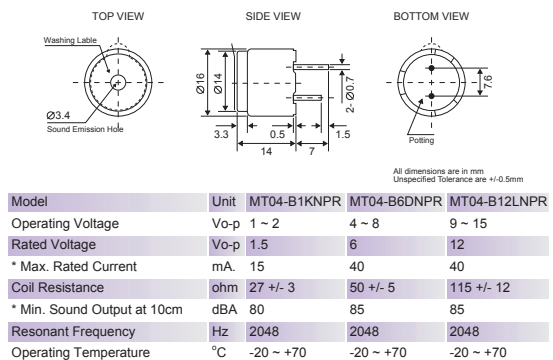


MATERIALS

Color - Black
Plastic Material - Noryl
Terminal - Pin Type

Weight

approx. 7 gm.



SMT14

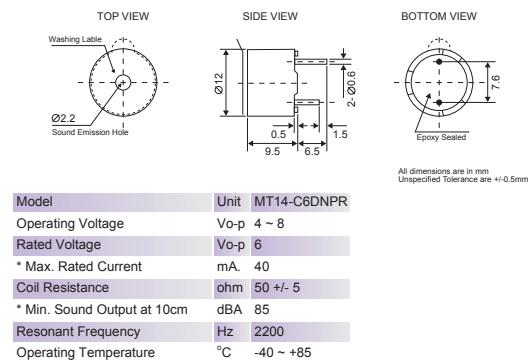


MATERIALS

Color - Black
Plastic Material - Noryl
Terminal - Pin Type

Weight

approx. 2 gm.



SMT05

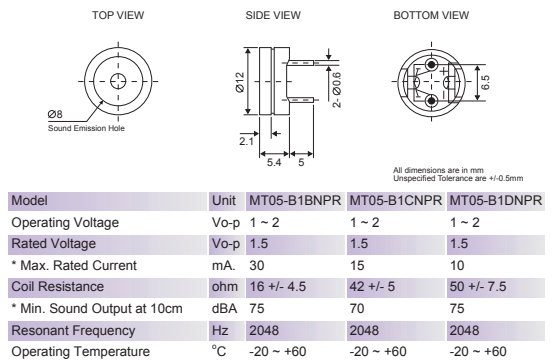


MATERIALS

Color - Black
Plastic Material - Noryl
Terminal - Pin Type

Weight

approx. 2 gm.



SMT15

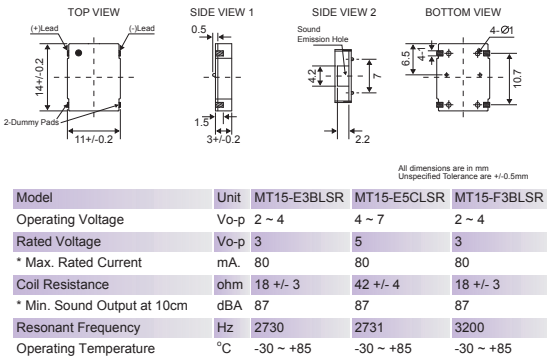


MATERIALS

Color - Black
Plastic Material - LCP
Terminal - SMD Type

Weight

approx. 1 gm.



Value applying [resonant frequency, sine wave, measuring current 60uA]

* Value applying rated voltage [resonant frequency, 1/2 duty, square wave] & recommended circuit [HFE >200, MIN. 2.5mA]

Magnetic Transducer

SMT26

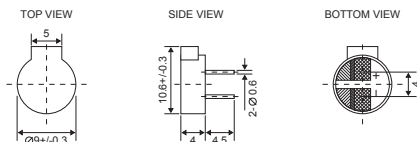


MATERIALS

Color - Black
Plastic Material - Noryl
Terminal - Pin Type

Weight

approx. 0.8 gm.



All dimensions are in mm
Unspecified Tolerance are $\pm 0.5\text{mm}$

Model	Unit	MT26-E3BNPR	MT26-E5CNPR	MT26-F3BNPR
Operating Voltage	Vo-p	2 ~ 5	4 ~ 7	2 ~ 4.5
Rated Voltage	Vo-p	3	5	3
* Max. Rated Current	mA	80	60	80
Coil Resistance	ϕhm	15 $\pm$ 1	40 $\pm$ 4	16 $\pm$ 2
* Min. Sound Output at 10cm	dBA	83	83	85
Resonant Frequency	Hz	2731	2731	3200
Operating Temperature	$^{\circ}\text{C}$	-20 ~ +70	-20 ~ +70	-20 ~ +70

SMT31

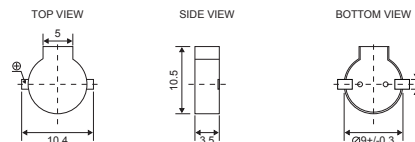


MATERIALS

Color - Black
Plastic Material - LCP
Terminal - SMD Type

Weight

approx. 0.7 gm.



All dimensions are in mm
Unspecified Tolerance are $\pm 0.5\text{mm}$

Model	Unit	MT31-E1BLSR	MT31-F3BLSR
Operating Voltage	Vo-p	1 ~ 2	2 ~ 4
Rated Voltage	Vo-p	1.5	3
* Max. Rated Current	mA	50	100
Coil Resistance	ϕhm	16 $\pm$ 2	16 $\pm$ 2
* Min. Sound Output at 10cm	dBA	80	82
Resonant Frequency	Hz	2731	3200
Operating Temperature	$^{\circ}\text{C}$	-20 ~ +60	-40 ~ +85

SMT27

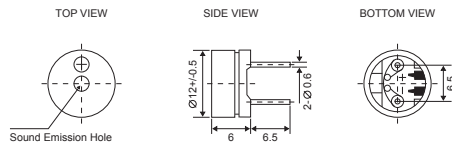


MATERIALS

Color - Black
Plastic Material - ABS / Noryl
Terminal - Pin Type

Weight

approx. 2 gm.



All dimensions are in mm
Unspecified Tolerance are $\pm 0.5\text{mm}$

Model	Unit	MT27-B1BAPR	MT27-B3BAPR
Operating Voltage	Vo-p	1 ~ 3	2 ~ 4
Rated Voltage	Vo-p	1.5	3
* Max. Rated Current	mA	30	50
Coil Resistance	ϕhm	16 $\pm$ 2	16 $\pm$ 2
* Min. Sound Output at 10cm	dBA	80	86
Resonant Frequency	Hz	2048	2048
Operating Temperature	$^{\circ}\text{C}$	-20 ~ +60	-20 ~ +70

SMT32

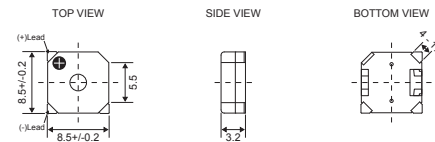


MATERIALS

Color - Black
Plastic Material - LCP
Terminal - SMD Type

Weight

approx. 0.6 gm.



All dimensions are in mm
Unspecified Tolerance are $\pm 0.5\text{mm}$

Model	Unit	MT32-E3BLSR
Operating Voltage	Vo-p	2 ~ 4
Rated Voltage	Vo-p	3
* Max. Rated Current	mA	80
Coil Resistance	ϕhm	15 $\pm$ 3
* Min. Sound Output at 10cm	dBA	85
Resonant Frequency	Hz	2731
Operating Temperature	$^{\circ}\text{C}$	-30 ~ +85

SMT28

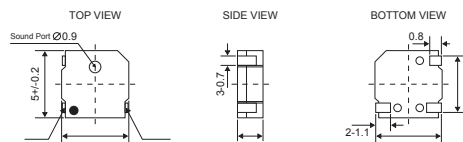


MATERIALS

Color - Black
Plastic Material - LCP
Terminal - SMD Type

Weight

approx. 0.12 gm.



All dimensions are in mm
Unspecified Tolerance are $\pm 0.5\text{mm}$

Model	Unit	MT28-G3ALSR
Operating Voltage	Vo-p	2 ~ 4
Rated Voltage	Vo-p	3
* Max. Rated Current	mA	100
Coil Resistance	ϕhm	12 $\pm$ 2
* Min. Sound Output at 10cm	dBA	75
Resonant Frequency	Hz	4000
Operating Temperature	$^{\circ}\text{C}$	-20 ~ +85

SMT33

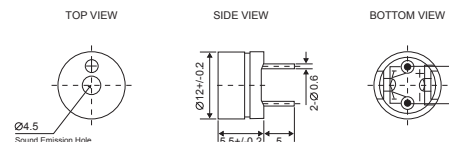


MATERIALS

Color - Black
Plastic Material - Noryl
Terminal - Pin Type

Weight

approx. 2 gm.



All dimensions are in mm
Unspecified Tolerance are $\pm 0.5\text{mm}$

Model	Unit	MT33-B1BNPR
Operating Voltage	Vo-p	1 ~ 3
Rated Voltage	Vo-p	1.5
* Max. Rated Current	mA	30
Coil Resistance	ϕhm	16 $\pm$ 4
* Min. Sound Output at 10cm	dBA	75
Resonant Frequency	Hz	2048
Operating Temperature	$^{\circ}\text{C}$	-20 ~ +60

SMT29

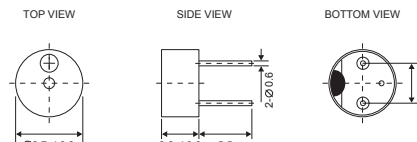


MATERIALS

Color - Black
Plastic Material - Noryl
Terminal - Pin Type

Weight

approx. 0.5 gm.



All dimensions are in mm
Unspecified Tolerance are $\pm 0.5\text{mm}$

Model	Unit	MT29-F3BNPR
Operating Voltage	Vo-p	2 ~ 5
Rated Voltage	Vo-p	3.6
* Max. Rated Current	mA	80
Coil Resistance	ϕhm	18 $\pm$ 2
* Min. Sound Output at 10cm	dBA	72
Resonant Frequency	Hz	3200
Operating Temperature	$^{\circ}\text{C}$	-20 ~ +70

SMT34

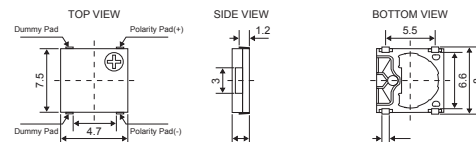


MATERIALS

Color - Black
Plastic Material - LCP
Terminal - SMD Type

Weight

approx. 0.27 gm.



All dimensions are in mm
Unspecified Tolerance are $\pm 0.5\text{mm}$

Model	Unit	MT34-E3ALSR
Operating Voltage	Vo-p	2.5 ~ 4.5
Rated Voltage	Vo-p	3.6
* Max. Rated Current	mA	120
Coil Resistance	ϕhm	12 $\pm$ 2
* Min. Sound Output at 10cm	dBA	85
Resonant Frequency	Hz	2700
Operating Temperature	$^{\circ}\text{C}$	-30 ~ +70

SMT30

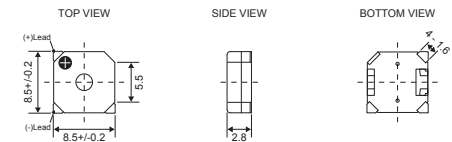


MATERIALS

Color - Black
Plastic Material - LCP
Terminal - SMD Type

Weight

approx. 0.6 gm.



All dimensions are in mm
Unspecified Tolerance are $\pm 0.5\text{mm}$

Model	Unit	MT30-E3BLSR
Operating Voltage	Vo-p	2 ~ 4
Rated Voltage	Vo-p	3
* Max. Rated Current	mA	80
Coil Resistance	ϕhm	15 $\pm$ 3
* Min. Sound Output at 10cm	dBA	82
Resonant Frequency	Hz	2731
Operating Temperature	$^{\circ}\text{C}$	-30 ~ +70

SMT35

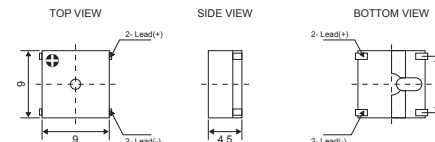


MATERIALS

Color - Black
Plastic Material - LCP
Terminal - SMD Type

Weight

approx. 0.7 gm.



All dimensions are in mm
Unspecified Tolerance are $\pm 0.5\text{mm}$

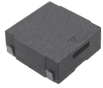
Model	Unit	MT35-H3BLSR
Operating Voltage	Vo-p	2.5 ~ 4.5
Rated Voltage	Vo-p	3.6
* Max. Rated Current	mA	100
Coil Resistance	ϕhm	16 $\pm$ 3
* Min. Sound Output at 10cm	dBA	85
Resonant Frequency	Hz	2670
Operating Temperature	$^{\circ}\text{C}$	-30 ~ +80

Value applying [resonant frequency, sine wave, measuring current 60uA]

* Value applying rated voltage [resonant frequency, 1/2 duty, square wave] & recommended circuit [HFE >200, MIN. 2.5mA]

Magnetic Transducer

SMT36

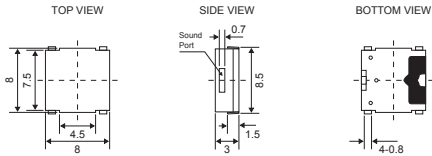


MATERIALS

Color - Black
Plastic Material - LCP
Terminal - SMD Type

Weight

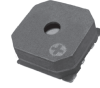
approx. 0.6 gm.



All dimensions are in mm
Unspecified Tolerance are $\pm 0.5\text{mm}$

Model	Unit	MT36-E3BLSR
Operating Voltage	Vo-p	2 ~ 5
Rated Voltage	Vo-p	3.6
* Max. Rated Current	mA	90
Coil Resistance	ϕhm	16 $\pm$ 3
* Min. Sound Output at 10cm	dBA	85
Resonant Frequency	Hz	2731
Operating Temperature	$^{\circ}\text{C}$	-40 ~ +85

SMT41

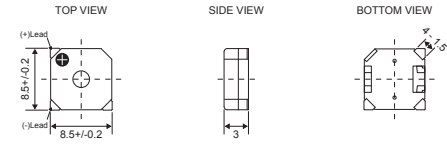


MATERIALS

Color - Black
Plastic Material - LCP
Terminal - SMD Type

Weight

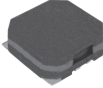
approx. 0.6 gm.



All dimensions are in mm
Unspecified Tolerance are $\pm 0.5\text{mm}$

Model	Unit	MT41-E3BLSR
Operating Voltage	Vo-p	2.5 ~ 4.8
Rated Voltage	Vo-p	3.6
* Max. Rated Current	mA	90
Coil Resistance	ϕhm	16 $\pm$ 5
* Min. Sound Output at 10cm	dBA	85
Resonant Frequency	Hz	2700
Operating Temperature	$^{\circ}\text{C}$	-20 ~ +60

SMT37

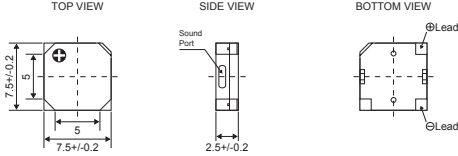


MATERIALS

Color - Black
Plastic Material - LCP
Terminal - SMD Type

Weight

approx. 0.5 gm.



All dimensions are in mm
Unspecified Tolerance are $\pm 0.5\text{mm}$

Model	Unit	MT37-E3ALSR	MT37-E3BLSR	MT37-F3BLSR
Operating Voltage	Vo-p	2 ~ 5	2 ~ 5	2 ~ 5
Rated Voltage	Vo-p	3.6	3.6	3.6
* Max. Rated Current	mA	120	100	100
Coil Resistance	ϕhm	12 $\pm$ 2	16 $\pm$ 2	16 $\pm$ 2
* Min. Sound Output at 10cm	dBA	82	85	85
Resonant Frequency	Hz	2700	2700	3100
Operating Temperature	$^{\circ}\text{C}$	-30 ~ +70	-20 ~ +85	-20 ~ +85

SMT42

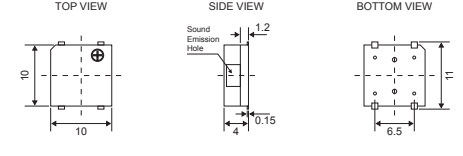


MATERIALS

Color - Black
Plastic Material - LCP
Terminal - SMD Type

Weight

approx. 1 gm.



All dimensions are in mm
Unspecified Tolerance are $\pm 0.5\text{mm}$

Model	Unit	MT42-E3BLSR
Operating Voltage	Vo-p	2.5 ~ 4.5
Rated Voltage	Vo-p	3.6
* Max. Rated Current	mA	100
Coil Resistance	ϕhm	18 $\pm$ 3
* Min. Sound Output at 10cm	dBA	90
Resonant Frequency	Hz	2700
Operating Temperature	$^{\circ}\text{C}$	-30 ~ +70

SMT38

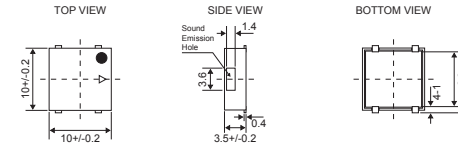


MATERIALS

Color - Black
Plastic Material - LCP
Terminal - SMD Type

Weight

approx. 0.6 gm.



All dimensions are in mm
Unspecified Tolerance are $\pm 0.5\text{mm}$

Model	Unit	MT38-E3BLSR
Operating Voltage	Vo-p	2 ~ 4
Rated Voltage	Vo-p	3.6
* Max. Rated Current	mA	80
Coil Resistance	ϕhm	18 $\pm$ 3
* Min. Sound Output at 10cm	dBA	93
Resonant Frequency	Hz	2830
Operating Temperature	$^{\circ}\text{C}$	-30 ~ +85

SMT44

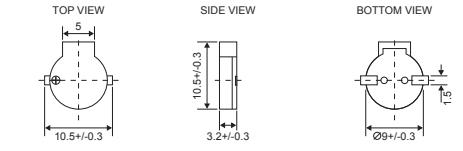


MATERIALS

Color - Black
Plastic Material - LCP
Terminal - SMD Type

Weight

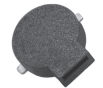
approx. 0.8 gm.



All dimensions are in mm
Unspecified Tolerance are $\pm 0.5\text{mm}$

Model	Unit	MT44-E3BLSR	MT44-F3BLSR
Operating Voltage	Vo-p	2.5 ~ 4.5	2.5 ~ 4.5
Rated Voltage	Vo-p	3.6	3.6
* Max. Rated Current	mA	100	100
Coil Resistance	ϕhm	16 $\pm$ 3	16 $\pm$ 3
* Min. Sound Output at 10cm	dBA	85	85
Resonant Frequency	Hz	2700	3200
Operating Temperature	$^{\circ}\text{C}$	-30 ~ +70	-20 ~ +60

SMT39

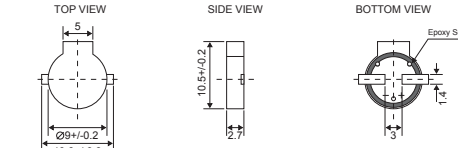


MATERIALS

Color - Black
Plastic Material - LCP
Terminal - SMD Type

Weight

approx. 0.6 gm.



All dimensions are in mm
Unspecified Tolerance are $\pm 0.5\text{mm}$

Model	Unit	MT39-E3BLSR	MT39-F3BLSR
Operating Voltage	Vo-p	1.5 ~ 4	1.5 ~ 4
Rated Voltage	Vo-p	3	3
* Max. Rated Current	mA	90	90
Coil Resistance	ϕhm	15 $\pm$ 3	15 $\pm$ 3
* Min. Sound Output at 10cm	dBA	82	87
Resonant Frequency	Hz	2731	3200
Operating Temperature	$^{\circ}\text{C}$	-30 ~ +85	-30 ~ +85

SMT45

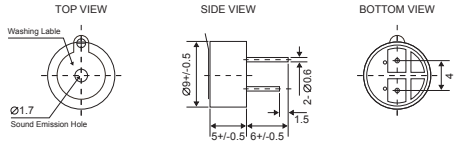


MATERIALS

Color - Black
Plastic Material - PPO
Terminal - Pin Type

Weight

approx. 0.7 gm.



All dimensions are in mm
Unspecified Tolerance are $\pm 0.5\text{mm}$

Model	Unit	MT45-E5CNPR
Operating Voltage	Vo-p	3 ~ 8
Rated Voltage	Vo-p	5
* Max. Rated Current	mA	80
Coil Resistance	ϕhm	25 $\pm$ 2
* Min. Sound Output at 10cm	dBA	85
Resonant Frequency	Hz	2731
Operating Temperature	$^{\circ}\text{C}$	-20 ~ +70

SMT40

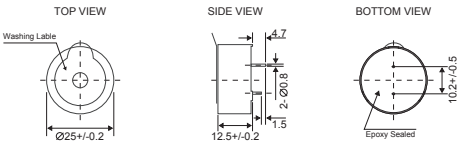


MATERIALS

Color - Black
Plastic Material - Noryl
Terminal - Pin Type

Weight

approx. 10 gm.



All dimensions are in mm
Unspecified Tolerance are $\pm 0.5\text{mm}$

Model	Unit	MT40-J5GNPR	MT40-J6GNPR	MT40-J12LNPR
Operating Voltage	Vo-p	3 ~ 7	3 ~ 8	8 ~ 14
Rated Voltage	Vo-p	5	6	12
* Max. Rated Current	mA	80	70	55
Coil Resistance	ϕhm	27 $\pm$ 4	36 $\pm$ 5	120 $\pm$ 15
* Min. Sound Output at 10cm	dBA	85 (At 960 Hz)	85 (At 960 Hz)	85 (At 960 Hz)
Resonant Frequency	Hz	1000 ~ 1500	1000 ~ 1500	1000 ~ 1500
Operating Temperature	$^{\circ}\text{C}$	-30 ~ +85	-30 ~ +85	-30 ~ +85

SMT46

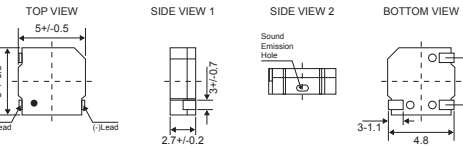


MATERIALS

Color - Black
Plastic Material - LCP
Terminal - SMD Type

Weight

approx. 0.6 gm.



All dimensions are in mm
Unspecified Tolerance are $\pm 0.5\text{mm}$

Model	Unit	MT46-E3BLSR
Operating Voltage	Vo-p	2 ~ 4
Rated Voltage	Vo-p	3
* Max. Rated Current	mA	110
Coil Resistance	ϕhm	12 $\pm$ 3
* Min. Sound Output at 10cm	dBA	78
Resonant Frequency	Hz	4000
Operating Temperature	$^{\circ}\text{C}$	-20 ~ +60

Value applying [resonant frequency, sine wave, measuring current 60uA]

* Value applying rated voltage [resonant frequency, 1/2 duty, square wave] & recommended circuit [HFE >200, MIN. 2.5mA]

Magnetic Transducer

SMT57

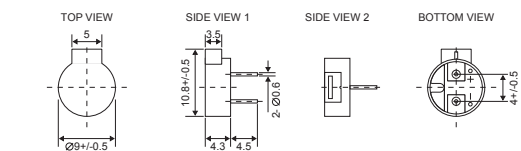


MATERIALS

Color - Black
Plastic Material - PPO
Terminal - Pin Type

Weight

approx. 1 gm.



All dimensions are in mm
Unspecified Tolerance are $\pm 0.5\text{mm}$

Model	Unit	MT57-E3BNPR
Operating Voltage	Vo-p	2 ~ 4
Rated Voltage	Vo-p	3
* Max. Rated Current	mA	80
Coil Resistance	ohm	16 $\pm$ 3
* Min. Sound Output at 10cm	dBA	85
Resonant Frequency	Hz	2730
Operating Temperature	°C	-25 ~ +70

SMT65

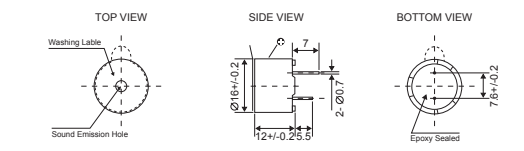


MATERIALS

Color - Black
Plastic Material - Noryl
Terminal - Pin Type

Weight

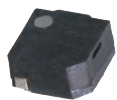
approx. 2 gm.



All dimensions are in mm
Unspecified Tolerance are $\pm 0.5\text{mm}$

Model	Unit	MT65-B12JNPR
Operating Voltage	Vo-p	9 ~ 15
Rated Voltage	Vo-p	12
* Max. Rated Current	mA	35
Coil Resistance	ohm	135 $\pm$ 20
* Min. Sound Output at 10cm	dBA	85
Resonant Frequency	Hz	2048
Operating Temperature	°C	-20 ~ +70

SMT59

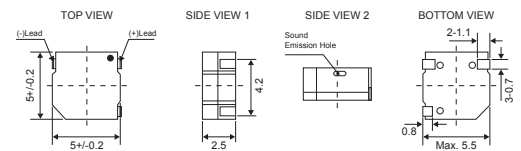


MATERIALS

Color - Black
Plastic Material - LCP
Terminal - SMD Type

Weight

approx. 0.5 gm.



All dimensions are in mm
Unspecified Tolerance are $\pm 0.5\text{mm}$

Model	Unit	MT59-G3ALSR
Operating Voltage	Vo-p	2 ~ 4
Rated Voltage	Vo-p	3
* Max. Rated Current	mA	100
Coil Resistance	ohm	12 $\pm$ 2
* Min. Sound Output at 10cm	dBA	78
Resonant Frequency	Hz	4000
Operating Temperature	°C	-20 ~ +85

SMT66

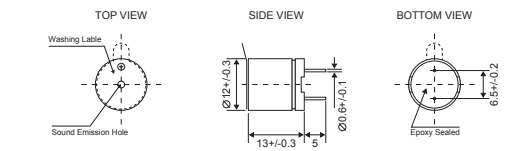


MATERIALS

Color - Black
Plastic Material - Noryl
Terminal - Pin Type

Weight

approx. 2 gm.



All dimensions are in mm
Unspecified Tolerance are $\pm 0.5\text{mm}$

Model	Unit	MT66-B1BNPR
Operating Voltage	Vo-p	1 ~ 2
Rated Voltage	Vo-p	1.5
* Max. Rated Current	mA	35
Coil Resistance	ohm	16 $\pm$ 4
* Min. Sound Output at 10cm	dBA	80
Resonant Frequency	Hz	2048
Operating Temperature	°C	-20 ~ +60

SMT61

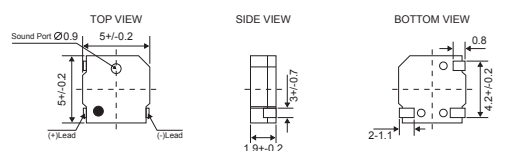


MATERIALS

Color - Black
Plastic Material - LCP
Terminal - SMD Type

Weight

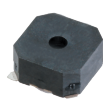
approx. 0.6 gm.



All dimensions are in mm
Unspecified Tolerance are $\pm 0.5\text{mm}$

Model	Unit	MT61-G3ALSR
Operating Voltage	Vo-p	2 ~ 4
Rated Voltage	Vo-p	3
* Max. Rated Current	mA	100
Coil Resistance	ohm	12 $\pm$ 2
* Min. Sound Output at 10cm	dBA	75
Resonant Frequency	Hz	4000
Operating Temperature	°C	-20 ~ +85

SMT67

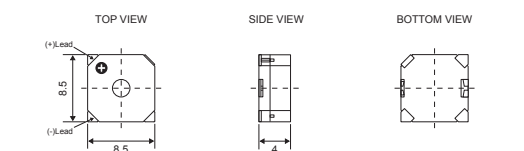


MATERIALS

Color - Black
Plastic Material - LCP
Terminal - SMD Type

Weight

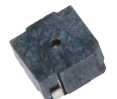
approx. 0.5 gm.



All dimensions are in mm
Unspecified Tolerance are $\pm 0.5\text{mm}$

Model	Unit	MT67-E3BLSR
Operating Voltage	Vo-p	2 ~ 4
Rated Voltage	Vo-p	3
* Max. Rated Current	mA	80
Coil Resistance	ohm	16 $\pm$ 3
* Min. Sound Output at 10cm	dBA	89
Resonant Frequency	Hz	2700
Operating Temperature	°C	-30 ~ +70

SMT63

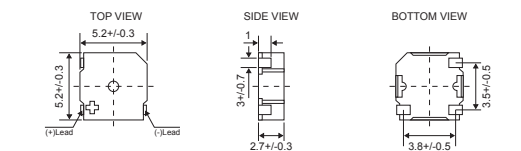


MATERIALS

Color - Black
Plastic Material - LCP
Terminal - SMD Type

Weight

approx. 0.3 gm.



All dimensions are in mm
Unspecified Tolerance are $\pm 0.5\text{mm}$

Model	Unit	MT63-G3ALSR
Operating Voltage	Vo-p	2 ~ 4
Rated Voltage	Vo-p	3
* Max. Rated Current	mA	100
Coil Resistance	ohm	12 $\pm$ 3
* Min. Sound Output at 10cm	dBA	72
Resonant Frequency	Hz	4000
Operating Temperature	°C	-20 ~ +60

SMT64

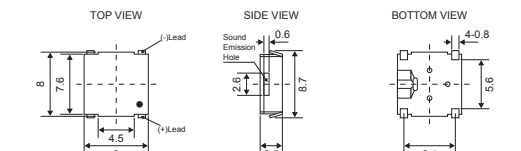


MATERIALS

Color - Black
Plastic Material - LCP
Terminal - SMD Type

Weight

approx. 0.5 gm.



All dimensions are in mm
Unspecified Tolerance are $\pm 0.5\text{mm}$

Model	Unit	MT64-E3BLSR
Operating Voltage	Vo-p	2 ~ 5
Rated Voltage	Vo-p	3.6
* Max. Rated Current	mA	90
Coil Resistance	ohm	16 $\pm$ 3
* Min. Sound Output at 10cm	dBA	85
Resonant Frequency	Hz	2731
Operating Temperature	°C	-40 ~ +85

Value applying [resonant frequency, sine wave, measuring current 60uA]

* Value applying rated voltage [resonant frequency, 1/2 duty, square wave] & recommended circuit [HFE >200, MIN. 2.5mA]