Electro Mechanical Indicators

DC Devices (with internal drive circuits)
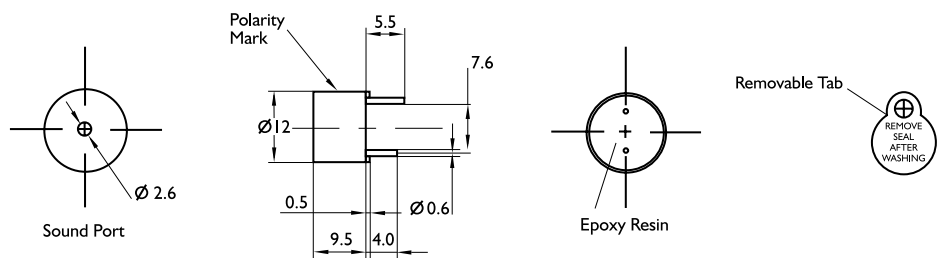
Surface Mount Type

12.8 ± 0.3
12.8 ± 0.3
9.8 ± 0.3

2.0 ± 0.3
0.5 ± 0.1
R 0.7
3.0 ± 0.3
6.4 ± 0.3

Polarity Mark

6.5
0.6
3.5
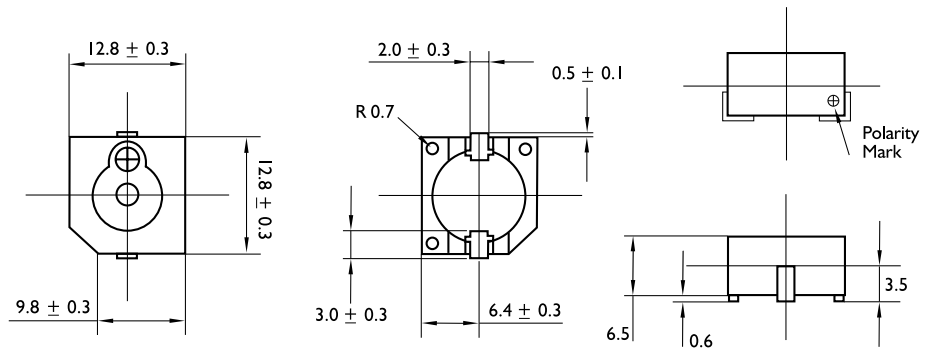
Dimensions : Millimetres
Tolerance: ±0.5mm

Specifications

Part Number	ABI-017-RC	ABI-017-RC-T&R	ABI-018-RC
Rated Voltage	5V DC		12V DC
Operating Voltage	4 ~ 7VDC		8 ~ 15V DC
Rated Current	≤ 30mA		≤ 30mA
Sound Output level @ 20cm	≥ 88dB		≥ 85dB
Resonant Frequency	2400Hz ±400Hz		
Tone	Continuous		
Housing Material	PPS		
Operating Temperature	-20°C to +70°C		
Storage Temperature	-30°C to +80°C		
Weight	2g		

Through Hole Type

ABI-009-RC & ABI-010-RC

Polarity Mark
Ø 2.6
Sound Port

5.5
7.6
Ø12
0.5
Ø 0.6
9.5
4.0

Epoxy Resin

Removable Tab
REMOVE SEAL AFTER WASHING

Dimensions : Millimetres
Tolerance: ±0.5mm

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ABI-057-RC

EPOXY POTTING

5

Ø9.6±0.2

2-Ø0.6±0.05

5

5.5

1.5

Masking label

ABI-052-RC

Ø26.3

0.6

2-Ø0.8

(−)

(+)

10.4

22.35

Epoxy Resin

15

12.8
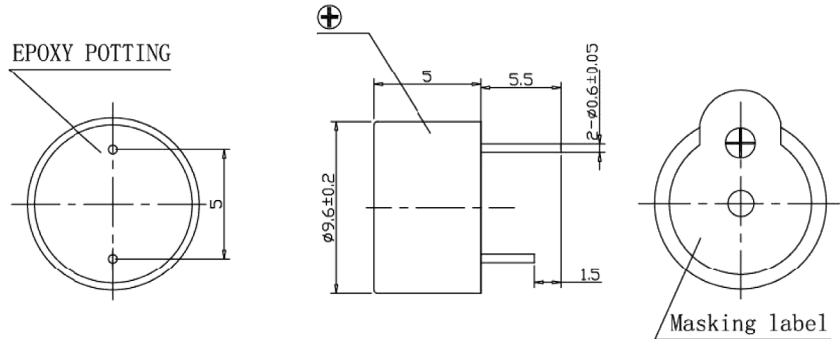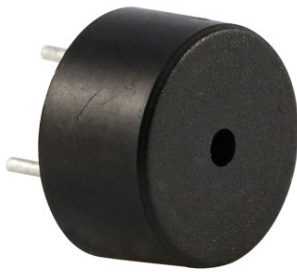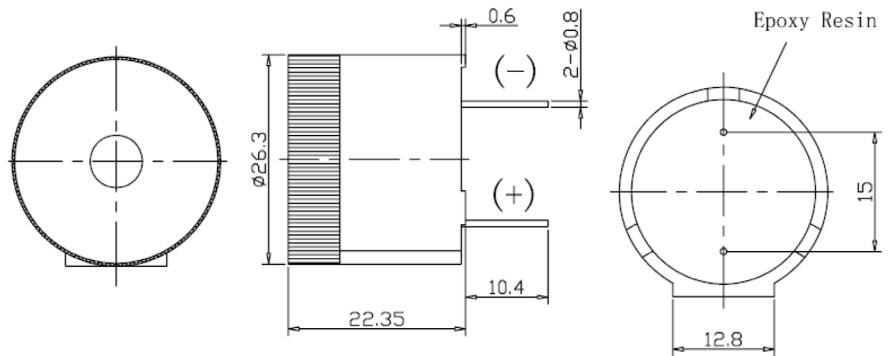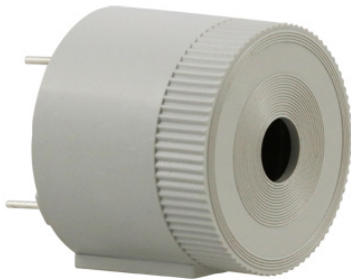
Dimensions : Millimetres
Tolerance: ±0.5mm

Specifications

Part Number	ABI-009-RC	ABI-010-RC	ABI-052-RC	ABI-057-RC
Rated Voltage	6V DC	12V DC	12V DC	5V DC
Operating Voltage	4 ~ 8V DC	8 ~ 16V DC	5 ~ 18V DC	3 ~ 7V DC
Rated Current	≤ 30mA	≤ 30mA	≤ 50mA	≤ 25mA
Sound Output level @ 10cm	≥ 85dB		≥ 100dB	≥ 80dB
Resonant Frequency	2300Hz ±300Hz		2800Hz ±500Hz	2730Hz ±300Hz
Tone	Continuous			
Housing Material	Black Noryl		Grey Noryl	Black PBT
Operating Temperature	-25°C to +80°C	-20°C to +70°C	-30°C to +70°C	-20°C to +80°C
Storage Temperature	-30°C to +85°C	-30°C to +80°C	-40°C to +85°C	-30°C to +85°C
Pin Pitch	7.6mm	7.6mm	15mm	5mm
Weight	2g	2g	12g	1g

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Flange Mount - Wire Lead Type
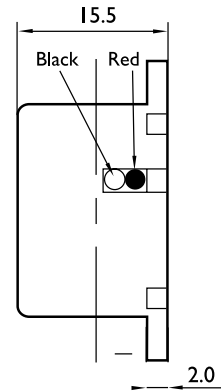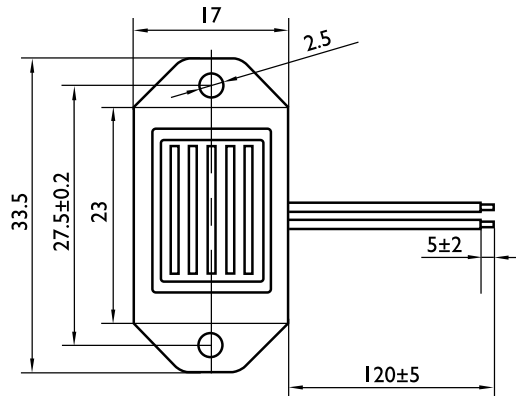
Dimensions : Millimetres
Tolerance: ±0.5mm

Part Number	ABI-041-RC	ABI-028-12-RC
Rated Voltage	6V DC	12V DC
Operating Voltage	4 ~ 8VDC	9 ~ 15VDC
Rated Current	≤ 25mA	
Sound Output level @20cm	≥ 75dB	
Resonant Frequency	400Hz ±100Hz	
Tone	Continuous	
Housing Material	Black ABS	
Operating Temperature	-10°C to +60°C	
Storage Temperature	-30°C to +70°C	
Lead Wire	UL1095 AWG26	
Lead Length	120mm	
Weight	10g	

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