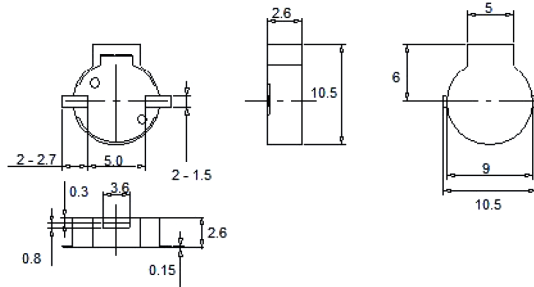


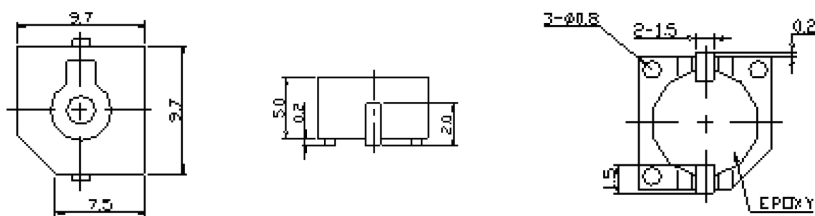
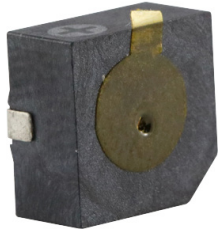
Surface Mount Type

AC Devices (requires external circuitry to generate sound)

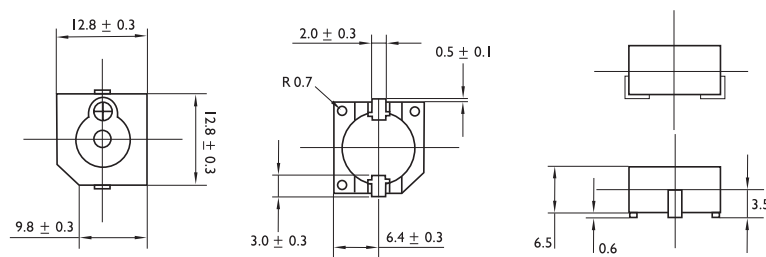
ABT-461-RC



ABT-464-RC



ABT-425-RC

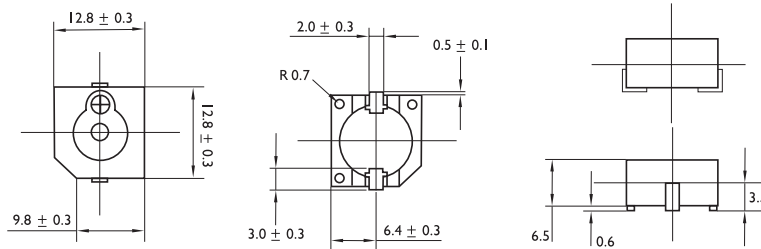


Dimensions : Millimetres
Tolerance: ±0.5mm

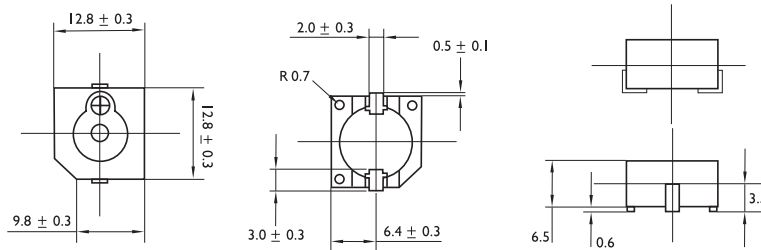
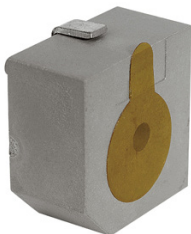
Specifications

Part Number	ABT-461-RC	ABT-464-RC	ABT-425-RC
Rated Voltage (Vp-p square wave)	3Vp-p	5Vp-p	1.5Vp-p
Operating Voltage	2 - 4Vp-p	3 - 8Vp-p	1 - 3Vp-p
Rated Current	≤ 100mA	30mA	≤ 30mA
Sound Output level @10cm	≥ 85dB @3000Hz	≥ 80dB	≥ 80dB
Resonant Frequency	2731Hz	2700Hz ±200Hz	2400Hz ±400Hz
Coil Resistance	15Ω ±3Ω	-	15Ω ±3Ω
Tone	-	-	Continuous
Housing Material	Black LCP	Black LCP	PPS
Operating Temperature	-30°C to +70°C	-30°C to +70°C	-20°C to +70°C
Storage Temperature	-40°C to +85°C	-40°C to +85°C	-30°C to +80°C
Weight	0.7g	2g	2g

ABT-427-RC



ABT-418-RC



Dimensions : Millimetres
Tolerance: ±0.5mm

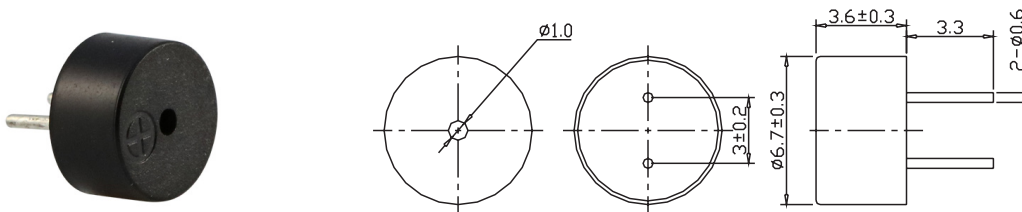
Specifications

Part Number	ABT-427-RC	ABT-418-RC
Rated Voltage (Vp-p square wave)	12Vp-p	5Vp-p
Operating Voltage	8 - 16Vp-p	3 - 8Vp-p
Rated Current	≤ 40mA	≤ 40mA
Sound Output level	≥ 85dB @10cm	≥ 85dB @10cm
Resonant Frequency	2400Hz ±400Hz	2400Hz ±400Hz
Coil Resistance	140Ω ±14Ω	45Ω ±5Ω
Tone	Continuous	
Housing Material	PPS	
Operating Temperature	-20°C to +70°C	-20°C to +70°C
Storage Temperature	-30°C to +80°C	-30°C to +80°C
Weight	2g	2g

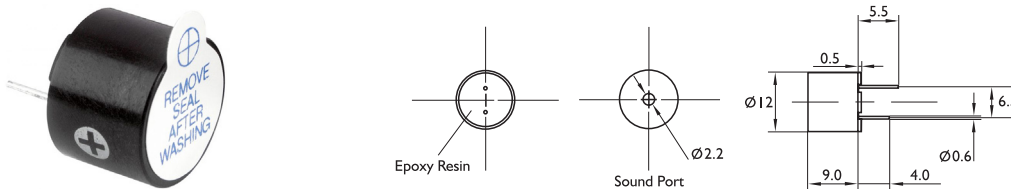
Through Hole Type

AC Devices (requires external circuitry to generate sound)

ABT-460-RC



ABT-465-RC



Dimensions : Millimetres
Tolerance: ±0.5mm

Specifications

Part Number	ABT-460-RC	ABT-465-RC
Rated Voltage (Vp-p square wave)	3Vp-p	12Vp-p
Operating Voltage	2 - 4Vp-p	6 - 15Vp-p
Rated Current	≤ 150mA	≤ 40mA
Sound Output level	≥ 70dB @3000Hz @10cm	≥ 85dB @2400Hz, 12V @10cm
Resonant Frequency	3000Hz	2400Hz
Coil Resistance	8Ω ±2Ω	140Ω ±14Ω
Housing Material	Black Noryl	Black Noryl
Operating Temperature	-30°C to +70°C	-30°C to +70°C
Storage Temperature	-40°C to +85°C	-40°C to +85°C
Pin Pitch	3mm	6.5mm
Weight	1g	2g

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