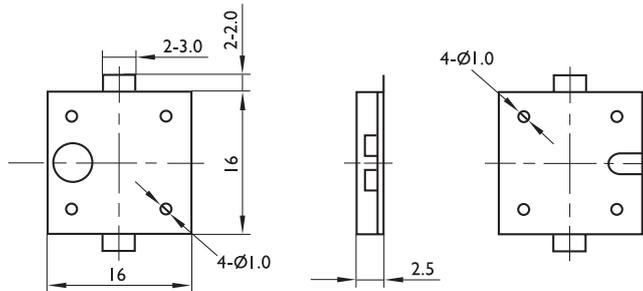


# Piezo Transducer



## Surface Mount Type

AC Devices (requires external circuitry to generate sound)



Dimensions : Millimetres  
Tolerance:  $\pm 0.5\text{mm}$

## Specifications

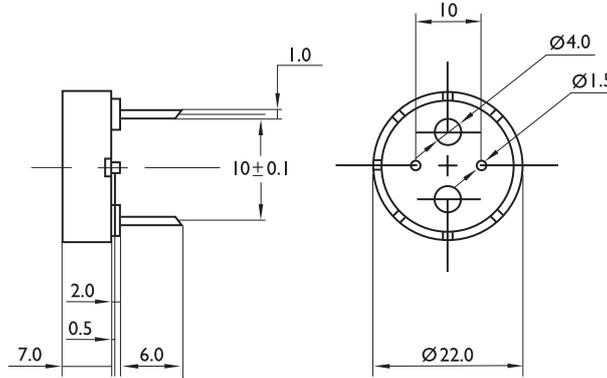
Part Number	ABT-439-RC
Rated Voltage (Vp-p square wave)	3Vp-p
Operating Voltage	1 - 25Vp-p
Rated Current	$\leq 1\text{mA}$
Sound Output level	$\geq 70\text{dB @}10\text{cm}$
Resonant Frequency	4000Hz $\pm 500\text{Hz}$
Capacitance	14000pF $\pm 30\%\text{pF}$
Tone	Continuous
Housing Material	Black LCP
Operating Temperature	-20°C to +70°C
Storage Temperature	-30°C to +80°C
Weight	1g

# Piezo Transducer



## Through Hole Type

AC Devices (requires external circuitry to generate sound)



Dimensions : Millimetres  
Tolerance:  $\pm 0.5$ mm

## Specifications

Part Number	MCABT-401-RC
Rated Voltage (Vp-p square wave)	3Vp-p
Operating Voltage	1 - 30Vp-p
Rated Current	1mA
"Sound Output level @ 30cm**"	$\geq 80$ dB @10cm
Resonant Frequency	4000Hz $\pm 500$ Hz
Capacitance	15000pF $\pm 30\%$ pF
Tone	Continuous
Operating Temperature	-20°C to +70°C
Storage Temperature	-30°C to +80°C
Pin Pitch	10mm
Weight	2.5g

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