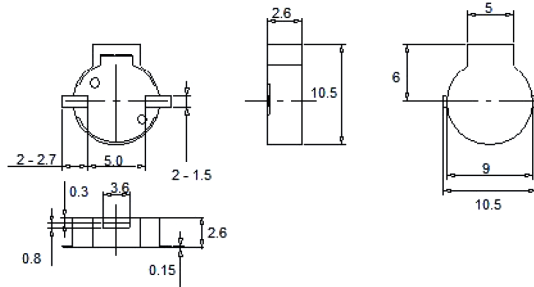


# Electro Mechanical Transducer **multicomp**PRO

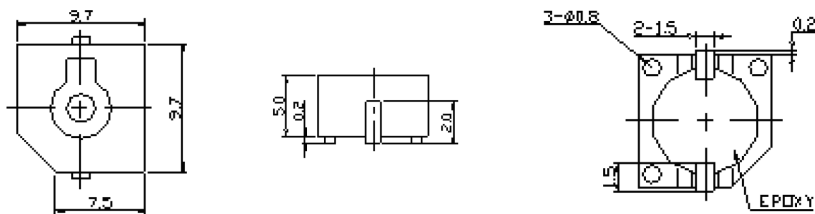
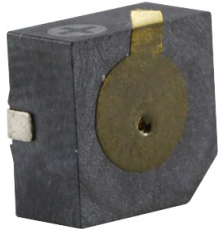
## Surface Mount Type

AC Devices (requires external circuitry to generate sound)

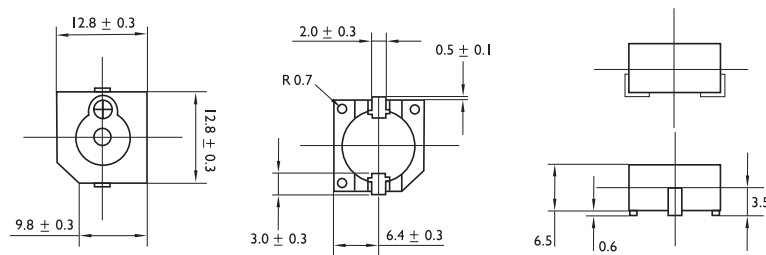
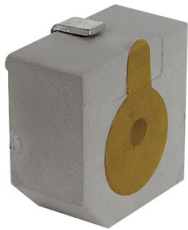
### ABT-461-RC



### ABT-464-RC



### ABT-425-RC



Dimensions : Millimetres  
Tolerance: ±0.5mm

## Specifications

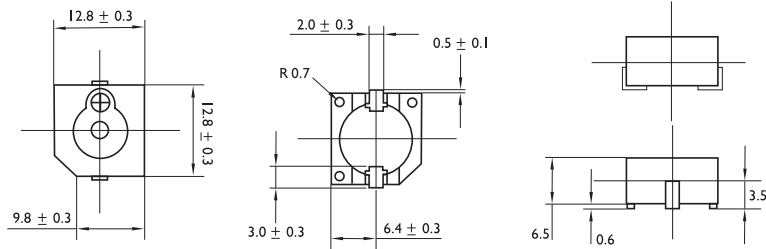
Part Number	ABT-461-RC	ABT-464-RC	ABT-425-RC
Rated Voltage (Vp-p square wave)	3Vp-p	5Vp-p	1.5Vp-p
Operating Voltage	2 - 4Vp-p	3 - 8Vp-p	1 - 3Vp-p
Rated Current	≤ 100mA	30mA	≤ 30mA
Sound Output level @10cm	≥ 85dB @3000Hz	≥ 80dB	≥ 80dB
Resonant Frequency	2731Hz	2700Hz ±200Hz	2400Hz ±400Hz
Coil Resistance	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

Newark.com/multicomp-pro  
Farnell.com/multicomp-pro  
sg.element14.com/b/multicomp-pro

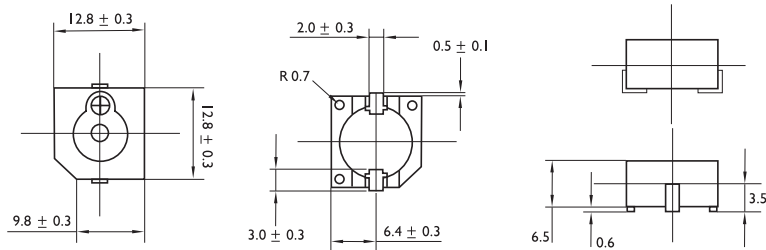
**multicomp**PRO

# Electro Mechanical Transducer **multicomp** PRO

## ABT-427-RC



## ABT-418-RC



Dimensions : Millimetres  
Tolerance: ±0.5mm

## Specifications

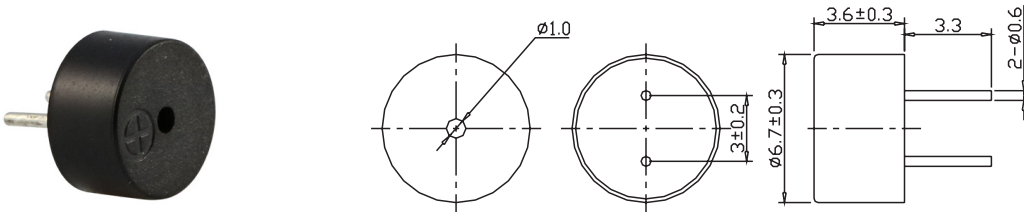
Part Number	ABT-427-RC	ABT-418-RC
Rated Voltage (Vp-p square wave)	12Vp-p	5Vp-p
Operating Voltage	8 - 16Vp-p	3 - 8Vp-p
Rated Current	≤ 40mA	≤ 40mA
Sound Output level	≥ 85dB @10cm	≥ 85dB @10cm
Resonant Frequency	2400Hz ±400Hz	2400Hz ±400Hz
Coil Resistance	140Ω ±14Ω	45Ω ±5Ω
Tone	Continuous	
Housing Material	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

# Electro Mechanical Transducer **multicomp**PRO

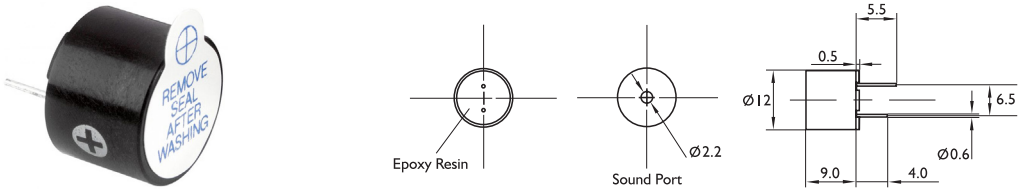
## Through Hole Type

AC Devices (requires external circuitry to generate sound)

### ABT-460-RC



### ABT-465-RC



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

## 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	$\leq 150\text{mA}$	$\leq 40\text{mA}$
Sound Output level	$\geq 70\text{dB @}3000\text{Hz @}10\text{cm}$	$\geq 85\text{dB @}2400\text{Hz, }12\text{V @}10\text{cm}$
Resonant Frequency	3000Hz	2400Hz
Coil Resistance	$8\Omega \pm 2\Omega$	$140\Omega \pm 14\Omega$
Housing Material	Black Noryl	Black Noryl
Operating Temperature	$-30^\circ\text{C to }+70^\circ\text{C}$	$-30^\circ\text{C to }+70^\circ\text{C}$
Storage Temperature	$-40^\circ\text{C to }+85^\circ\text{C}$	$-40^\circ\text{C to }+85^\circ\text{C}$
Pin Pitch	3mm	6.5mm
Weight	1g	2g

**Important Notice :** This data sheet and its contents (the "Information") belong to the members of the AVNET group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp Pro is the registered trademark of Premier Farnell Limited 2019.

Newark.com/multicomp-pro  
Farnell.com/multicomp-pro  
sg.element14.com/b/multicomp-pro

**multicomp**PRO