

MODEL : T/R40-16B

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ELECTRICAL SPECIFICATION:

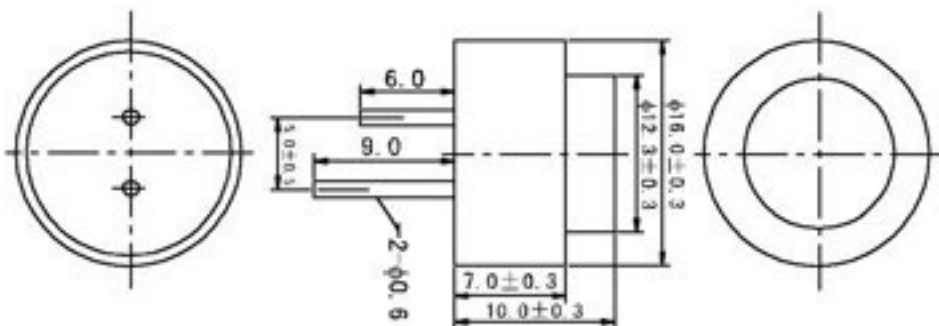
Item	Unit	Standard	Test condition: $T=25 \pm 5^{\circ}\text{C}$
Function		Transmitting and receiving	
Terminal		PIN	
Housing Material		ALUMINIUM	
Center frequency	KHz	40 ± 1.0	
Transmitting Sound Pressure Level	dB	> 105	At 30cm /10Vrms Sine Wave $0\text{dB}=0.0002 \mu\text{bar}$
Receiving Sensitive	dB	> -74	At $1\text{V}/1 \mu\text{bar}$
Directivity	deg	80 ± 15	At $\sim -6 \text{ dB}$ attenuation
Static capacitance	pF	$1800 \pm 20\%$	
Allowable Input Voltage (V_{p-p})	V	140	At 40KHz Pulse width 0.4ms interval 10ms
Operating Temperature	$^{\circ}\text{C}$	$-40 \sim +80$	
Storage Temperature	$^{\circ}\text{C}$	$-40 \sim +85$	

Appearance and dimensions:

Bottom View

Side View

Top View



Directivity:

