

Excellent Integrated System Limited

Stocking Distributor

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[CUI Inc.](#)
[CCV-084B16-SMT](#)

For any questions, you can email us directly:

sales@integrated-circuit.com



MODEL: CCV-084B16-SMT | DESCRIPTION: MAGNETIC BUZZER TRANSDUCER

FEATURES

- surface mount
- side sound port
- externally driven



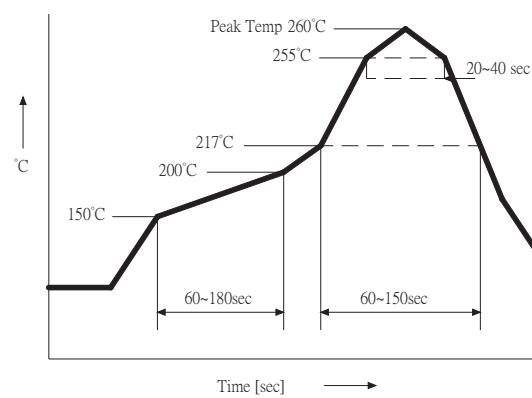
SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated voltage	V _{o-p}		3.6		V _{o-p}
operating voltage	0V	2.5		4.5	V _{o-p}
current consumption	at rated voltage, 2,730 Hz square wave, ½ duty			110	mA
rated frequency			2,730		Hz
sound pressure level	at 10 cm (A-weight), rated voltage, 2,730 Hz square wave, ½ duty	85	90		dBA
coil resistance		13.6	16	18.4	Ω
dimensions	Ø9.0 x 2.5				mm
weight			0.6		g
material	PPS				
terminal	SMT type (Au plating)				
operating temperature		-30		70	°C
storage temperature		-40		85	°C
RoHS	yes				

Note: Add suffix "-TR" to the model for tape & reel packaging

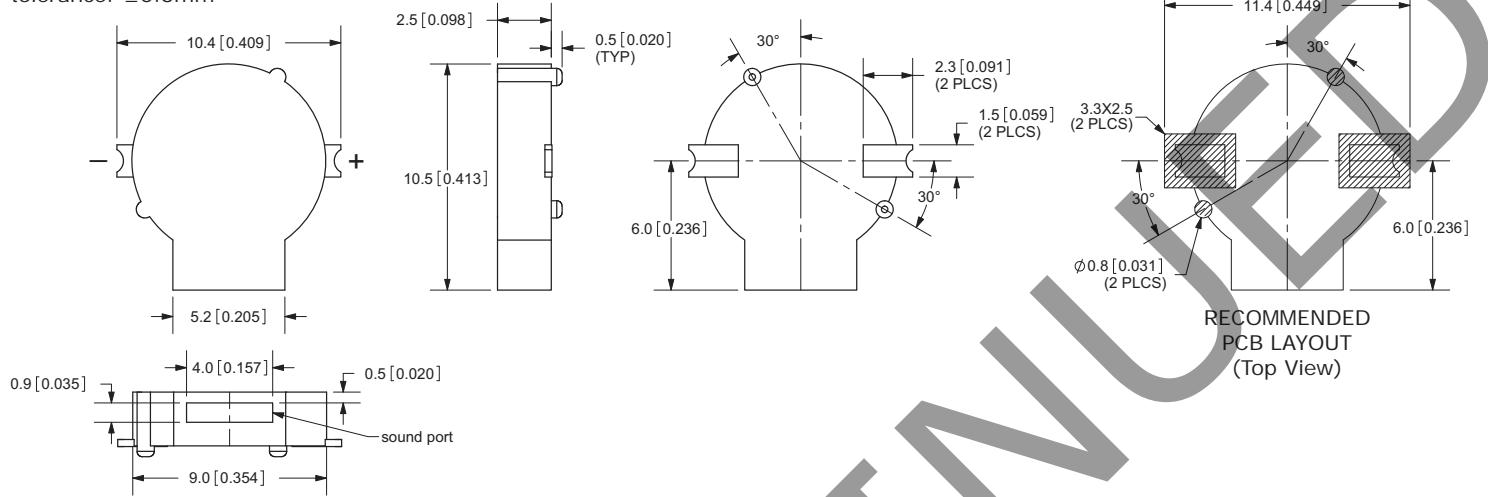
SOLDERABILITY

parameter	conditions/description	min	typ	max	units
reflow soldering	see reflow solder profile			260	°C

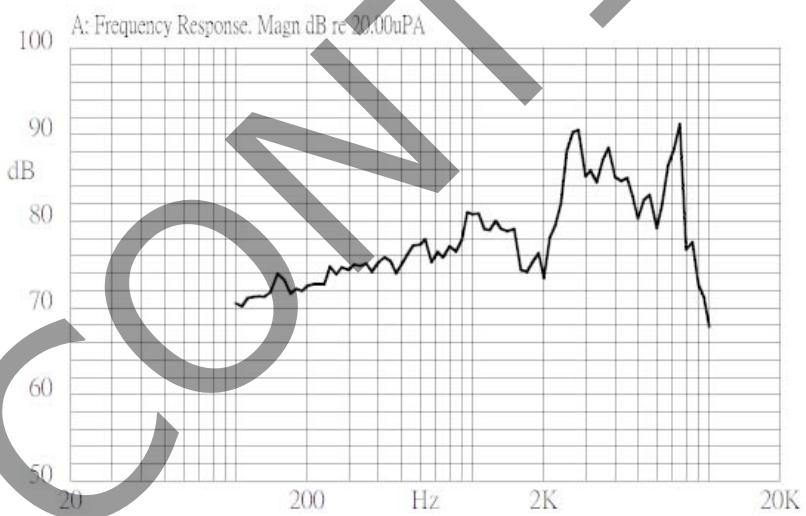


MECHANICAL DRAWING

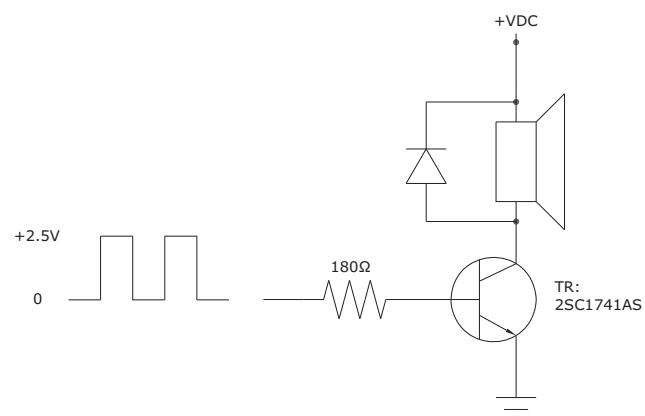
units: mm[inch]
tolerance: $\pm 0.3\text{mm}$



FREQUENCY RESPONSE CURVE



MEASUREMENT METHOD



REVISION HISTORY

rev.	description	date
1.0	initial release	03/01/2008
1.01	updated part number, added TR package option, applied new spec template	05/02/2013

The revision history provided is for informational purposes only and is believed to be accurate.

DISCONTINUED



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CUI offers a one (1) year limited warranty. Complete warranty information is listed on our website.

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CUI products are not authorized or warranted for use as critical components in equipment that requires an extremely high level of reliability. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.