CUI INC®

MODEL: CMT-1261-SMT | **DESCRIPTION:** PIEZO BUZZER TRANSDUCER

FEATURES
- low current
- washable
- externally driven

RoHS

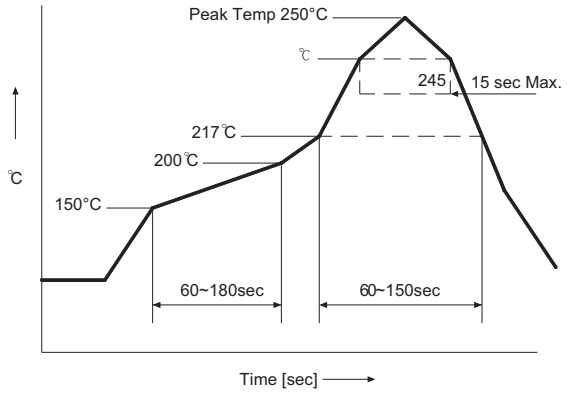
SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
operating voltage				20	Vp-p
current consumption	at 10 Vp-p, 5,000 Hz square wave			11	mA
rated frequency			5,000		Hz
sound pressure level	at 10 cm, 10 Vp-p, 5,000 Hz square wave	90			dB
electrostatic capacity	at 1 KHz/1 V	13,300	19,000	24,700	pF
dimensions	16.9 x 16.9 x 7.8				mm
weight				2.6	g
material	PPS UL-94 V-0 (black)				
terminal	SMT type (Au plating)				
operating temperature		-30		70	°C
storage temperature		-40		80	°C
RoHS	yes				

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

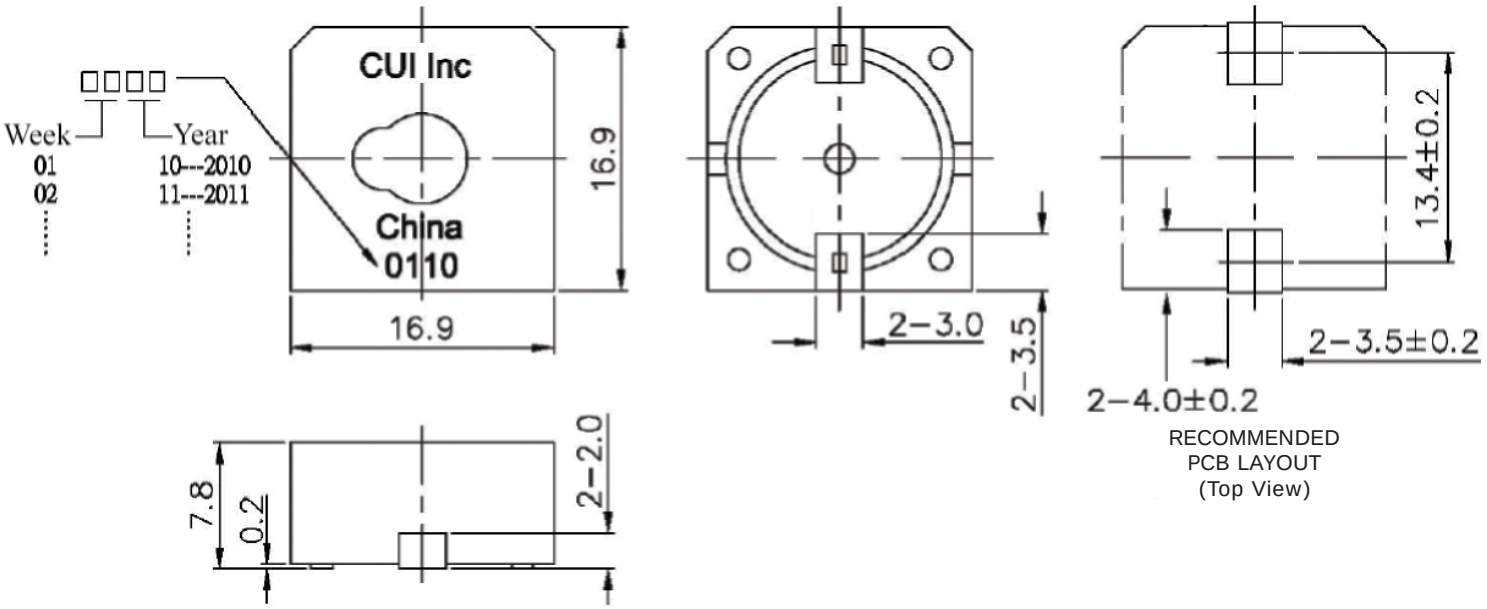
SOLDERABILITY

parameter	conditions/description	min	typ	max	units
reflow soldering	see reflow solder profile			250	°C



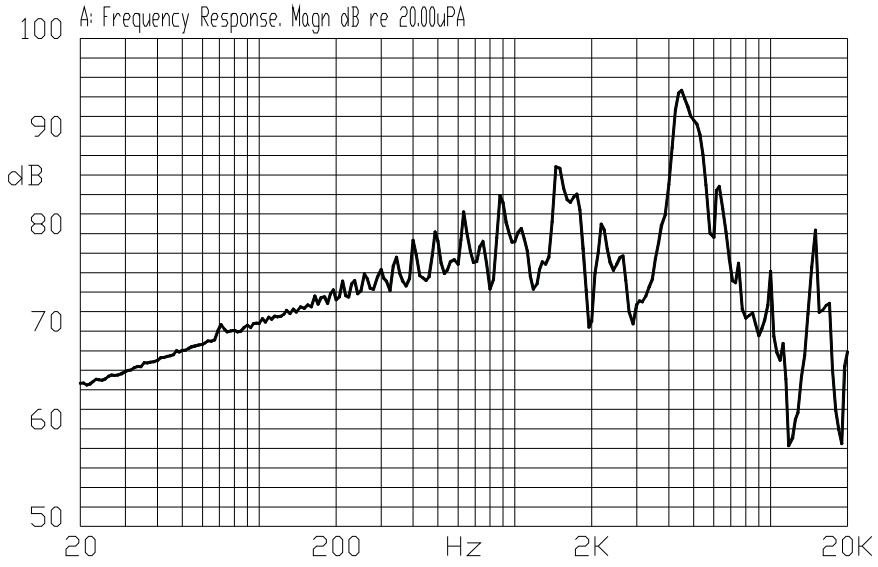
MECHANICAL DRAWING

units: mm
tolerance: ±0.5 mm



RECOMMENDED
PCB LAYOUT
(Top View)

FREQUENCY RESPONSE CURVE



REVISION HISTORY

rev.	description	date
1.0	initial release	06/03/2005
1.01	applied new template	06/29/2006
1.02	updated part number, added TR package option, applied new spec template	05/13/2013

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

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