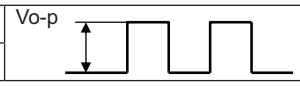
CUI INC®

MODEL: CSS-J4D20-SMT | **DESCRIPTION:** MAGNETIC BUZZER TRANSDUCER

FEATURES
- surface mount
- side sound port
- externally driven

RoHS

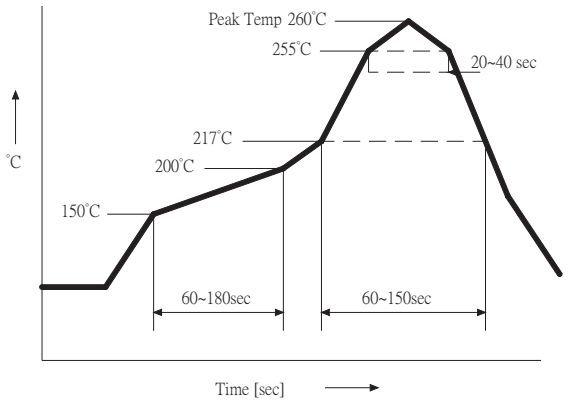
SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated voltage	Vo-p  0V		3.6		Vo-p
operating voltage		3		5	Vo-p
current consumption	at rated voltage, 3,100 Hz square wave, ½ duty			80	mA
rated frequency			3,100		Hz
sound pressure level	at 5 cm (A-weight), rated voltage, 3,100 Hz square wave, ½ duty	90	97		dBA
coil resistance		17	20	23	Ω
dimensions	8.5 x 8.5 x 3.2				mm
weight			0.7		g
material	L.C.P. (white)				
terminal	SMT type (Au plating)				
operating temperature		-40		70	°C
storage temperature		-40		85	°C
RoHS	yes				

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

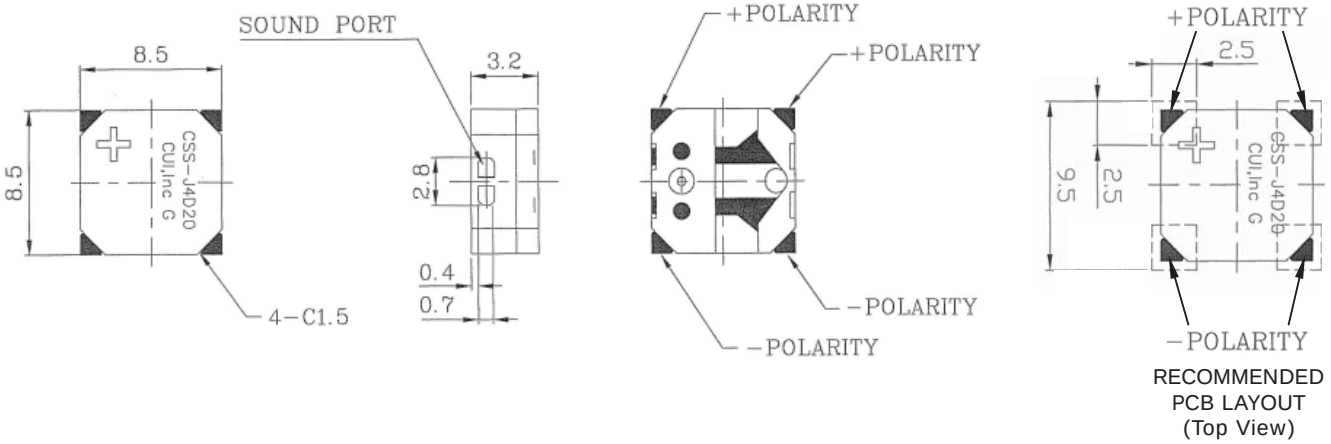
SOLDERABILITY

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



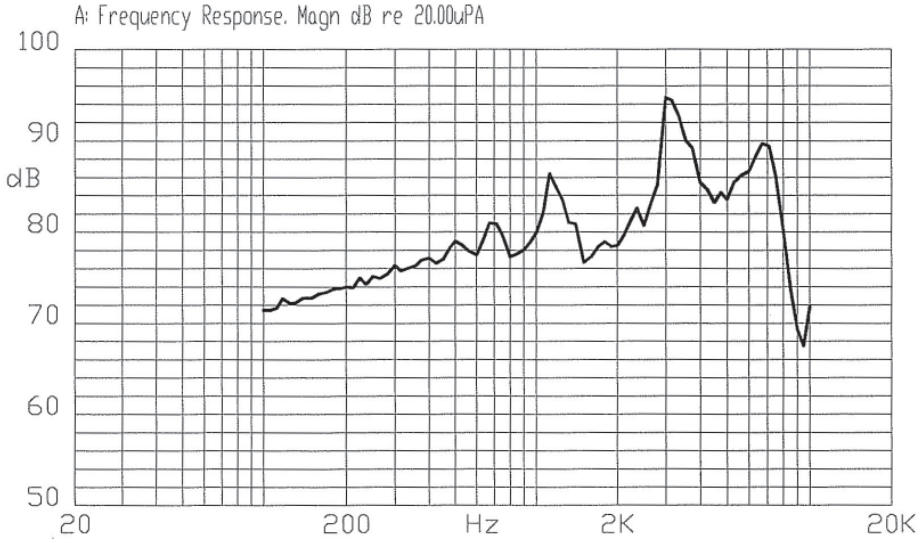
MECHANICAL DRAWING

units: mm
tolerance: ±0.5 mm

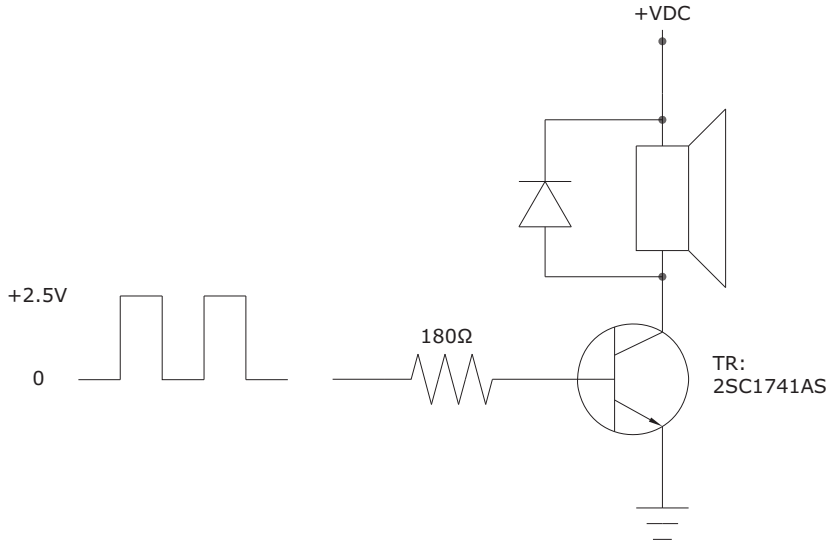


RECOMMENDED
PCB LAYOUT
(Top View)

FREQUENCY RESPONSE CURVE



MEASUREMENT METHOD



REVISION HISTORY

rev.	description	date
1.0	initial release	09/20/2006
1.01	applied new spec template	11/03/2008
1.02	updated part number, added TR package option, applied new spec template	05/06/2013

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

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