

MODEL: CSS-H5B43-SMT | **DESCRIPTION:** MAGNETIC BUZZER TRANSDUCER

FEATURES

- surface mount
- top sound port
- externally driven

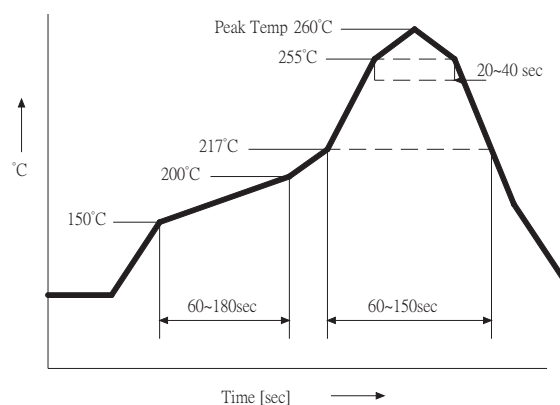

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated voltage	Vo-p 		5		Vo-p
operating voltage	0V	4		6	Vo-p
current consumption	at rated voltage, 2,730 Hz square wave, 1/2 duty			60	mA
rated frequency			2,730		Hz
sound pressure level	at 10 cm (A-weight), rated voltage, 2,730 Hz square wave, 1/2 duty	91			dBA
coil resistance		37.9	43	48.1	Ω
dimensions	14 x 11 x 3				mm
weight			1		g
material	L.C.P. (black)				
terminal	SMT type (Sn plating)				
operating temperature		-30		85	$^{\circ}\text{C}$
storage temperature		-40		85	$^{\circ}\text{C}$
RoHS	yes				

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

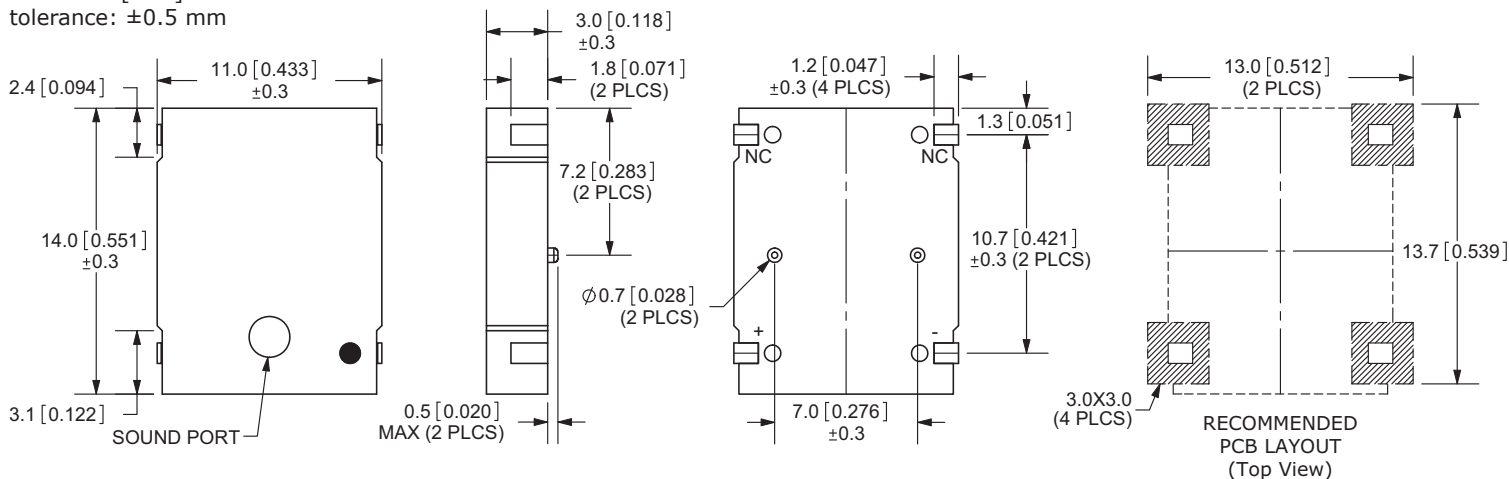
SOLDERABILITY

parameter	conditions/description	min	typ	max	units
reflow soldering	see reflow solder profile			260	$^{\circ}\text{C}$

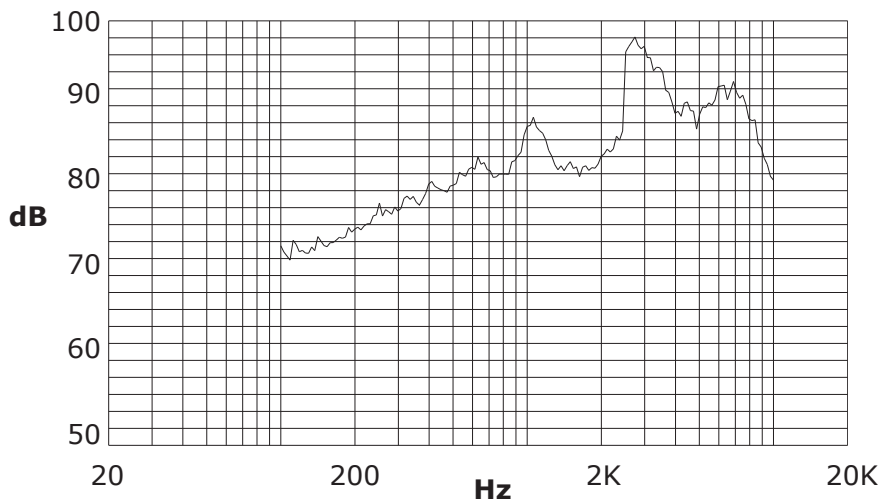


MECHANICAL DRAWING

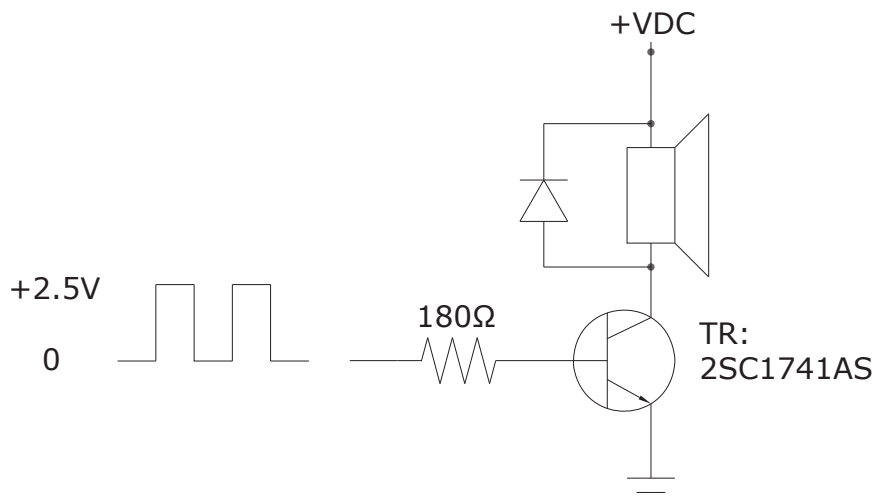
units: mm[inch]

tolerance: ± 0.5 mm

FREQUENCY RESPONSE CURVE

A: frequency response. Magn dB re 20.00 μ PA

MEASUREMENT METHOD



REVISION HISTORY

rev.	description	date
1.0	initial release	06/01/2010
1.01	applied new template	04/13/2012
1.02	updated part number, added TR package option	05/03/2013

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

**CUI INC®**

Headquarters
20050 SW 112th Ave.
Tualatin, OR 97062
800.275.4899

Fax 503.612.2383
cui.com
techsupport@cui.com

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

CUI reserves the right to make changes to the product at any time without notice. Information provided by CUI is believed to be accurate and reliable. However, no responsibility is assumed by CUI for its use, nor for any infringements of patents or other rights of third parties which may result from its use.

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.