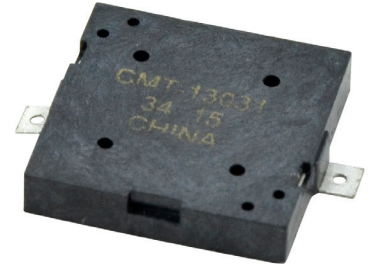


**MODEL:** CMT-13031-SMT | **DESCRIPTION:** PIEZO BUZZER TRANSDUCER

**FEATURES**

- low current
- low profile
- externally driven



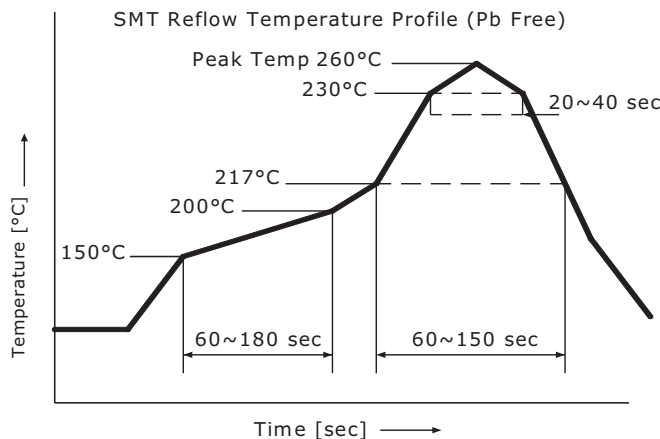
**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
operating voltage				25	Vp-p
current consumption	at 5 Vp-p, 4,100 Hz square wave			5	mA
rated frequency			4,100		Hz
sound pressure level	at 10 cm, 5 Vp-p, 4,100 Hz square wave	70			dB
electrostatic capacity	at 1000 Hz/1 V	11,200	16,000	20,800	pF
dimensions	12.8 x 12.8 x 2.5				mm
weight				0.5	g
material	LCP (black)				
terminal	surface mount				
operating temperature		-30		70	°C
storage temperature		-40		85	°C
RoHS	2011/65/EU				

Notes: 1. Add suffix "-TR" to the model for tape & reel packaging  
 2. All specifications measured at 5~35°C, humidity at 45~85%, under 86~106kPa pressure, unless otherwise noted.

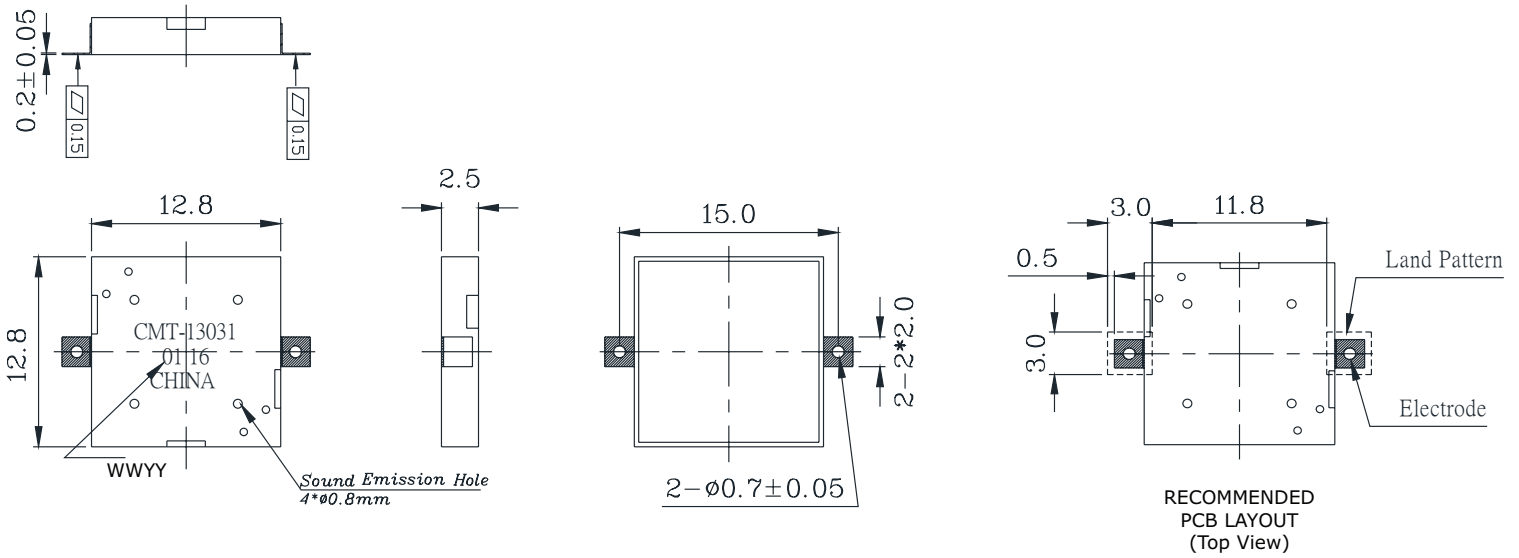
**SOLDERABILITY**

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

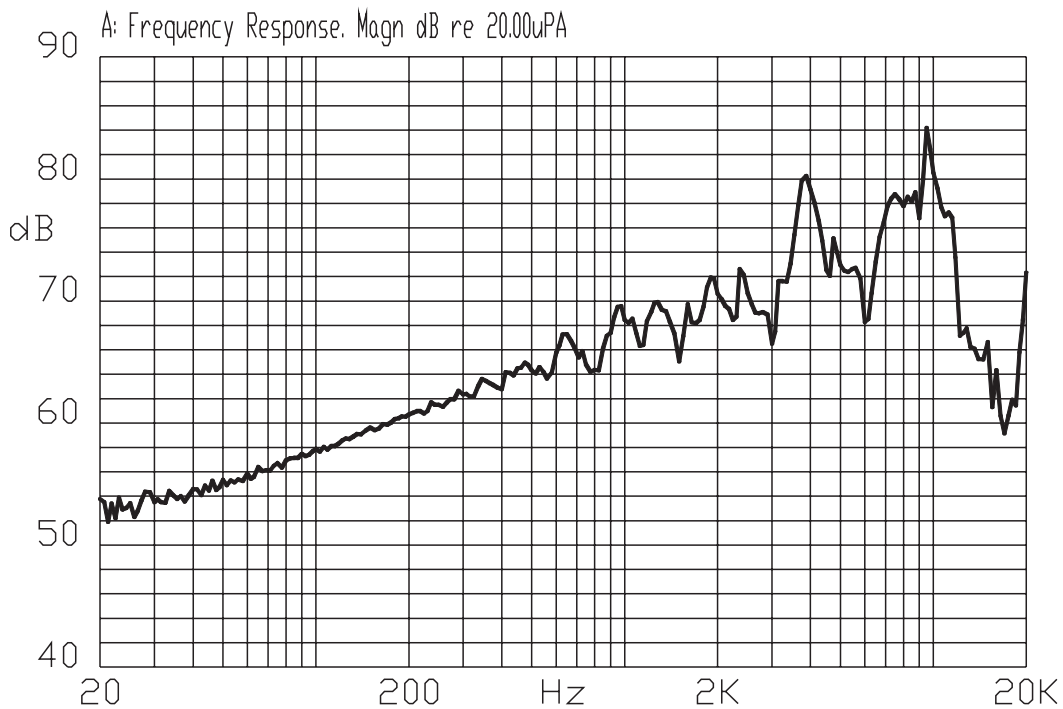


## MECHANICAL DRAWING

units: mm  
tolerance:  $\pm 0.5$  mm



## FREQUENCY RESPONSE CURVE



## REVISION HISTORY

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<b>rev.</b>	<b>description</b>	<b>date</b>
1.0	initial release	08/19/2015

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



**CUI INC**<sup>®</sup>

**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.

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