


**MODEL:** CT-1205H-SMT | **DESCRIPTION:** MAGNETIC BUZZER TRANSDUCER

**FEATURES**

- washable
- top sound port
- externally driven



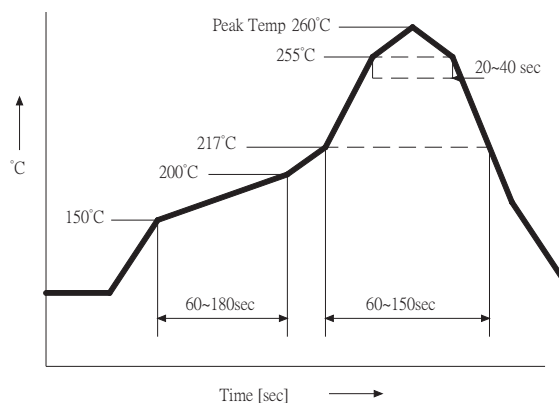
**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated voltage	Vo-p 		5		Vo-p
operating voltage		3		7	Vo-p
current consumption	at rated voltage, 2,400 Hz square wave, 1/2 duty			60	mA
rated frequency			2,400		Hz
sound pressure level	at 10 cm (A-weight), rated voltage, 2,400 Hz square wave, 1/2 duty	88	92		dBa
coil resistance		40	47	54	Ω
dimensions	12.8 x 12.8 x 10				mm
weight			2		g
material	PPS (S-206)				
terminal	SMT type (Sn plating)				
operating temperature		-30		70	°C
storage temperature		-40		85	°C
RoHS	yes				

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

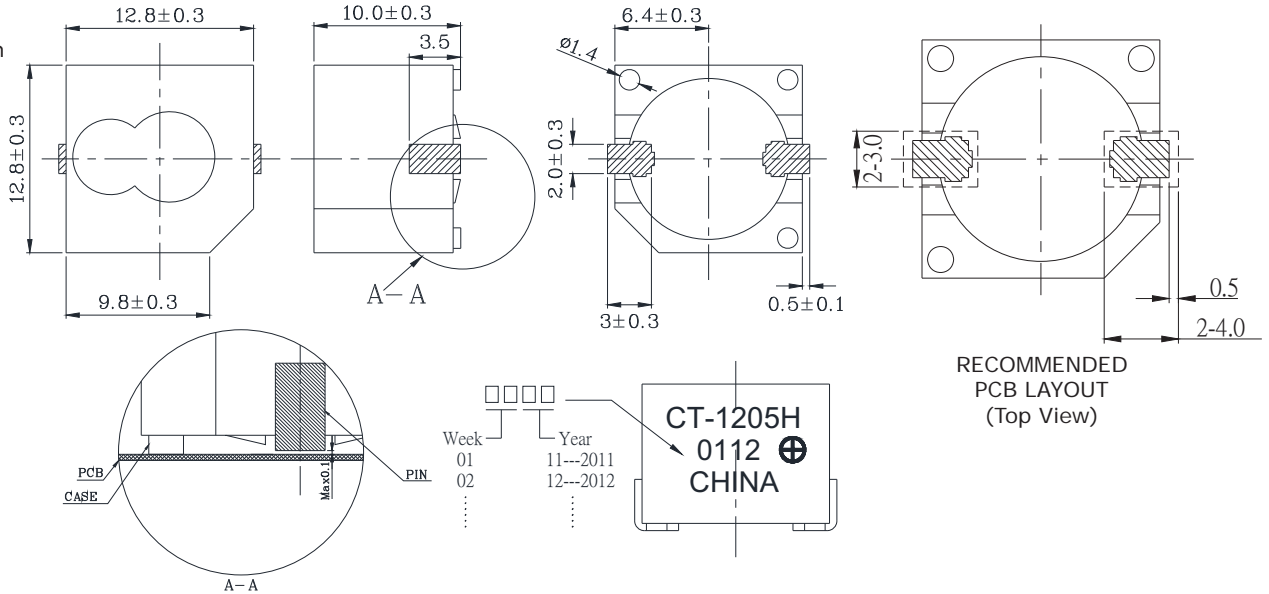
**SOLDERABILITY**

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

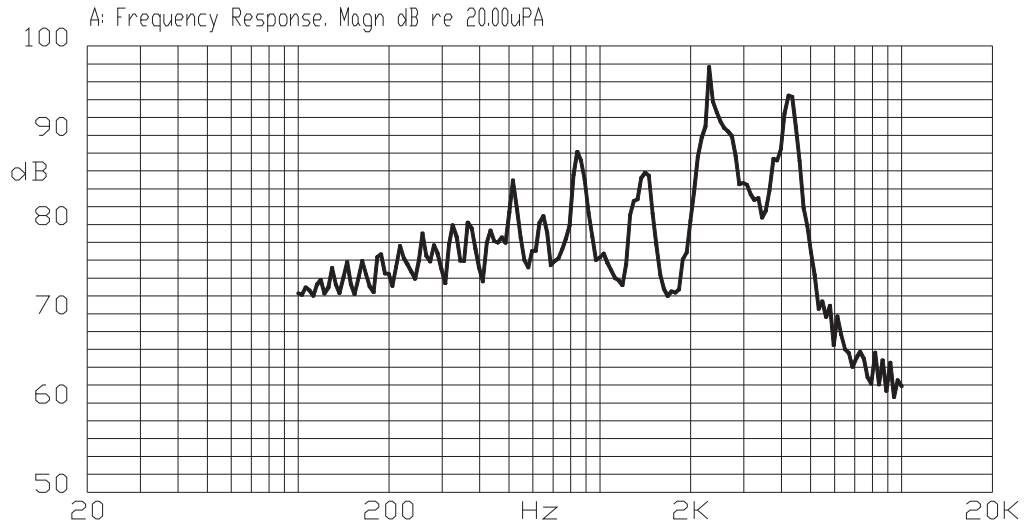


## MECHANICAL DRAWING

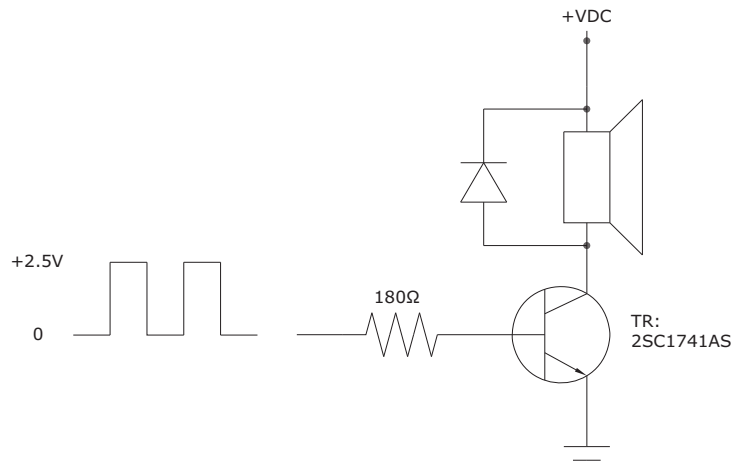
units: mm  
tolerance:  $\pm 0.5$  mm



## FREQUENCY RESPONSE CURVE



## MEASUREMENT METHOD



## REVISION HISTORY

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rev.	description	date
1.0	initial release	05/01/2006
1.01	applied new template	10/20/2009
1.02	updated part number, added TR package option, applied new spec template	05/03/2013

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



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

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