

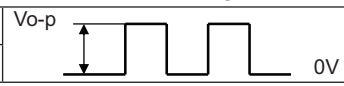

MODEL: CMT-5023S-SMT | **DESCRIPTION:** MAGNETIC BUZZER TRANSDUCER

FEATURES

- 5 x 5 x 2 mm
- SMT
- rated frequency of 4000 Hz



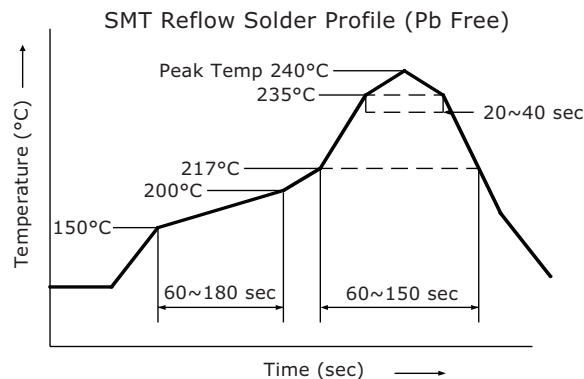
SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated voltage			3.0		Vo-p
operating voltage		2.0		4.0	Vo-p
current consumption	at rated voltage, 4,000 Hz square wave, 1/2 duty			110	mA
rated frequency			4,000		Hz
sound pressure level	at 10 cm (A-weight), rated voltage, 4,000 Hz square wave, 1/2 duty	80			dB(A)
coil resistance		9	12	15	Ω
dimensions	5.0 x 5.0 x 2.0				mm
weight			0.35		g
material	LCP				
terminal	SMT type (Sn plating)				
operating temperature		-30		70	$^{\circ}\text{C}$
storage temperature		-40		85	$^{\circ}\text{C}$
RoHS	2011/65/EU				

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

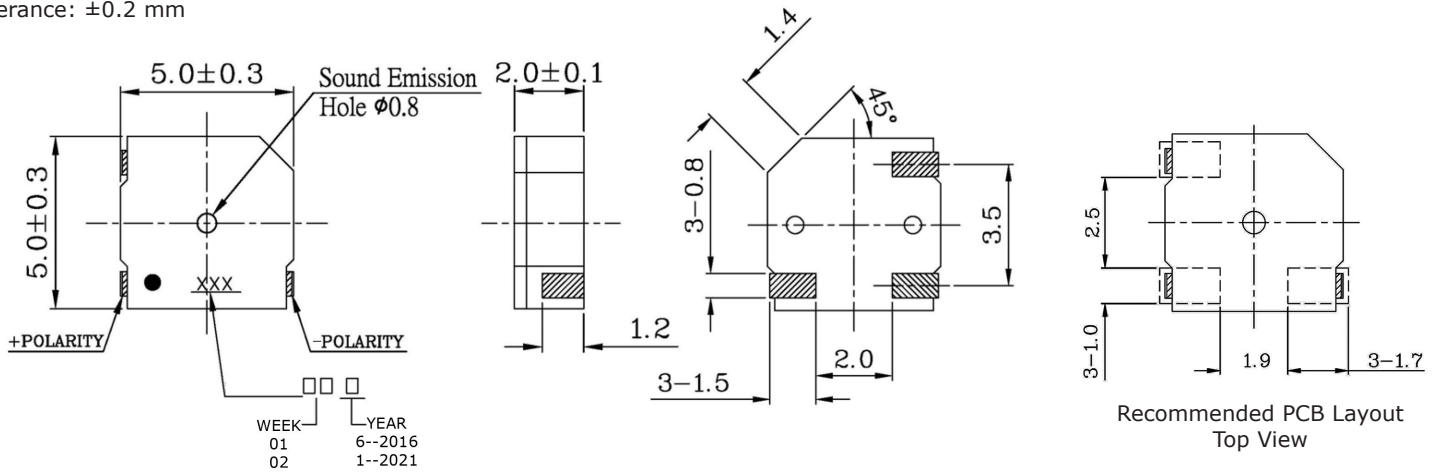
SOLDERABILITY

parameter	conditions/description	min	typ	max	units
reflow soldering	see recommended reflow soldering profile			240	$^{\circ}\text{C}$

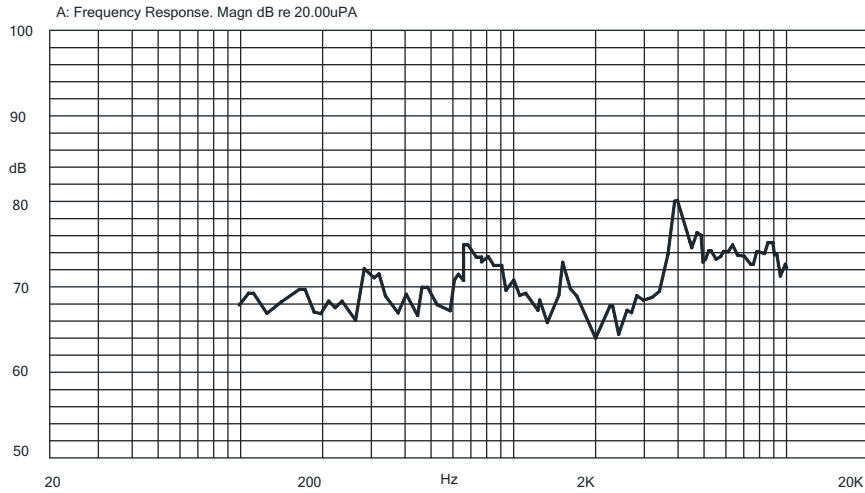


MECHANICAL DRAWING

units: mm
tolerance: ± 0.2 mm



FREQUENCY RESPONSE CURVE



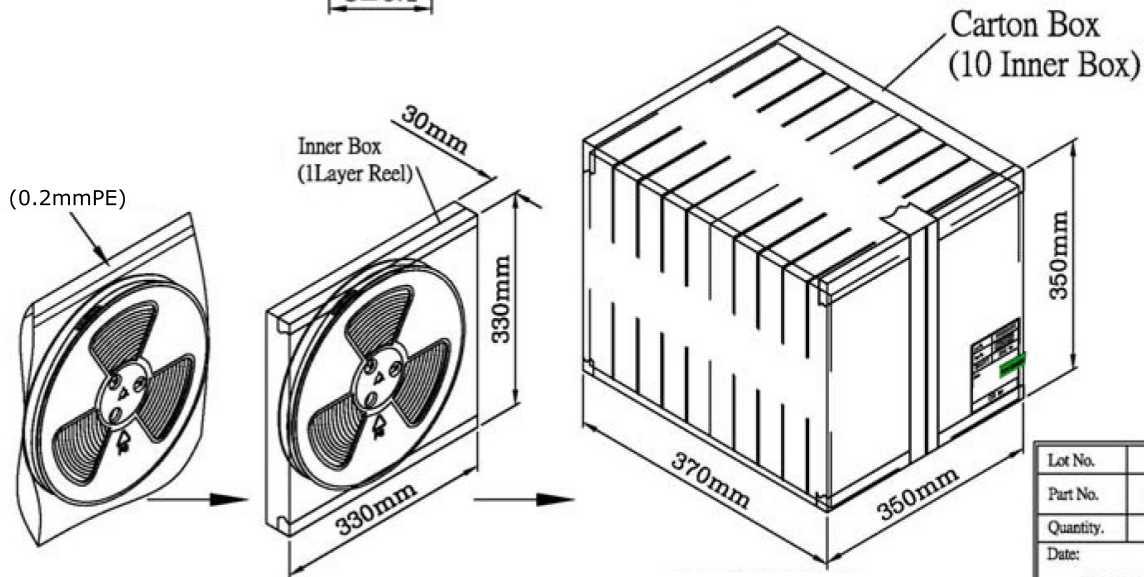
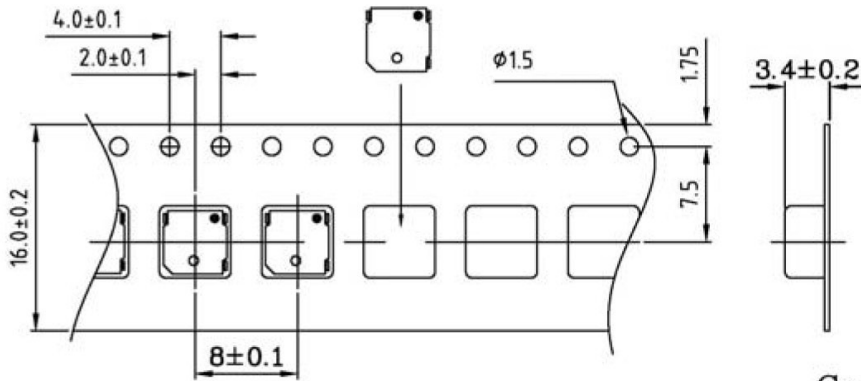
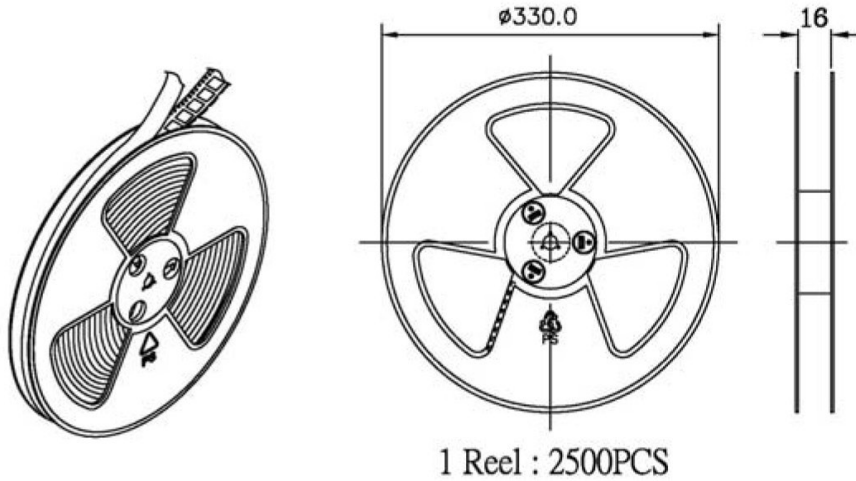
MEASUREMENT METHOD



PACKAGING

units: mm

Reel Size: $\varnothing 330$ mm
 Carton Size: 370 x 350 x 350 mm
 Reel QTY: 2,500 pcs per reel
 Carton QTY: 25,000 pcs per carton



Lot No.	XXXXXXXXXX
Part No.	XXXXXXXXXX
Quantity.	XXXX Pcs
Date:	DD MM YY
RoHS Compliant	
CUI Inc	

REVISION HISTORY

rev.	description	date
1.0	initial release	03/28/2016

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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