


MODEL: CMT-7525S-SMT-TR | **DESCRIPTION:** MAGNETIC BUZZER TRANSDUCER

FEATURES

- externally driven
- SMT
- 90 dB SPL


SPECIFICATIONS

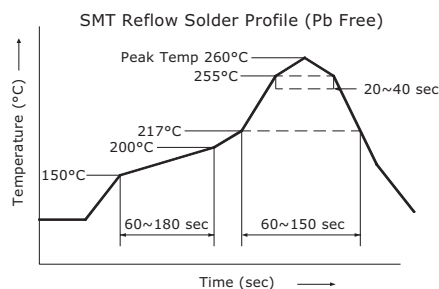
parameter	conditions/description	min	typ	max	units
rated voltage			3.6		Vo-p
operating voltage		2.5		4.5	Vo-p
current consumption	at rated voltage, 2,730 Hz square wave, 1/2 duty			100	mA
rated frequency			2,730		Hz
sound pressure level	at 5 cm (A-weight), rated voltage, 2,730 Hz square wave, 1/2 duty	85	90		dBA
coil resistance		13	16	19	Ω
dimensions	7.5 x 7.5 x 2.5				mm
weight			0.3		g
material	LCP				
terminal	SMT type (Sn plating)				
operating temperature		-40		85	$^{\circ}\text{C}$
storage temperature		-40		85	$^{\circ}\text{C}$
RoHS	yes				

Notes: 1. All specifications measured at 5~35 $^{\circ}\text{C}$, humidity at 45~85%, under 86~106 kPa pressure, unless otherwise noted.

SOLDERABILITY

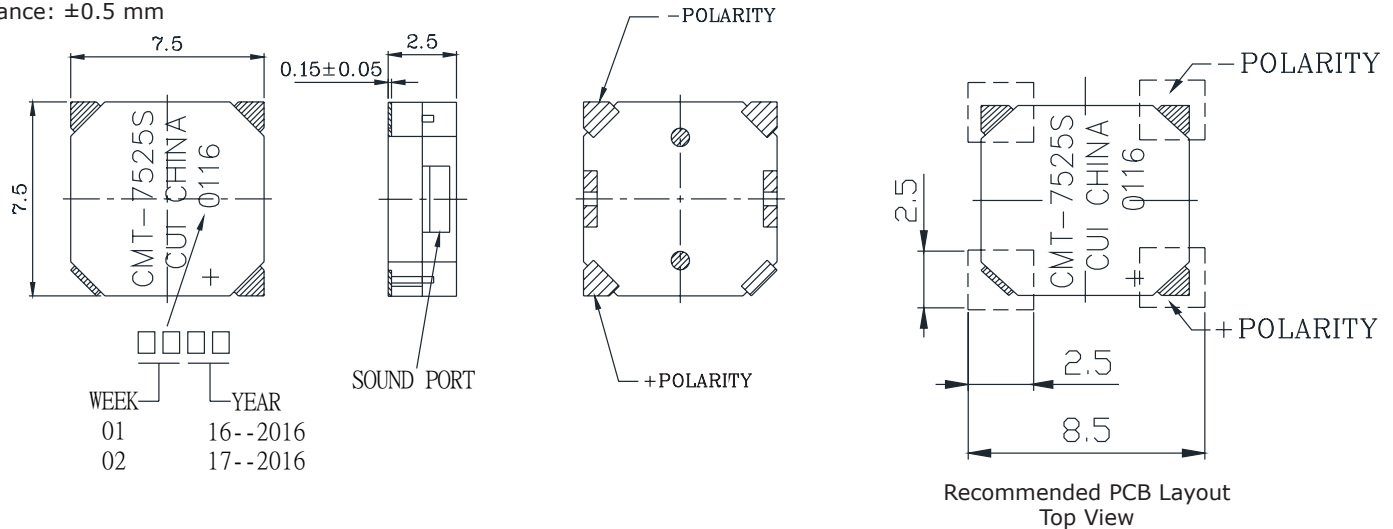
parameter	conditions/description	min	typ	max	units
reel storage	at relative humidity <40%			25	$^{\circ}\text{C}$
reflow soldering ²	see recommended reflow soldering profile			260	$^{\circ}\text{C}$
drying conditions ³	bake at 40 $^{\circ}\text{C}$ for 24 hours				

Note: 2. It is recommended to reflow solder within 48 hours from opening vacuum packaging at a temperature <30 $^{\circ}\text{C}$ & relative humidity <60%.
3. When out of packaging for more than 48 hours.

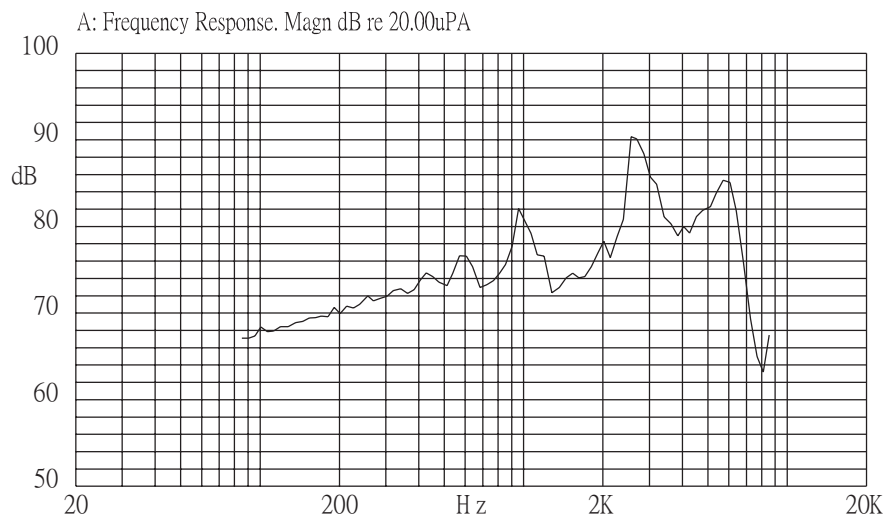


MECHANICAL DRAWING

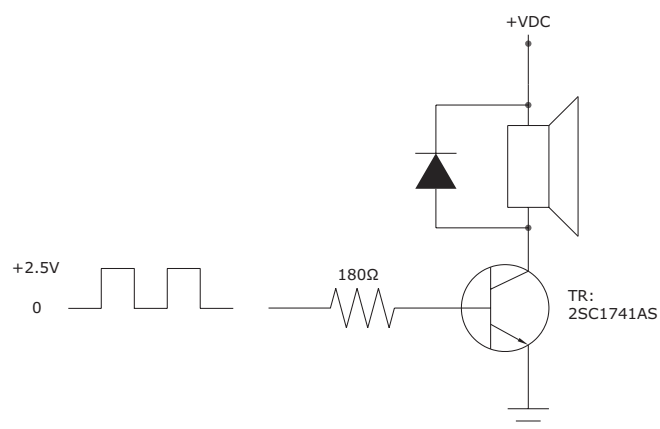
units: mm

tolerance: ± 0.5 mm

FREQUENCY RESPONSE CURVE



MEASUREMENT METHOD



PACKAGING

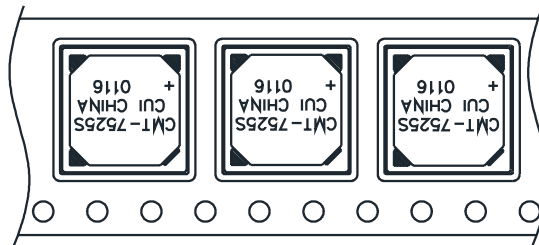
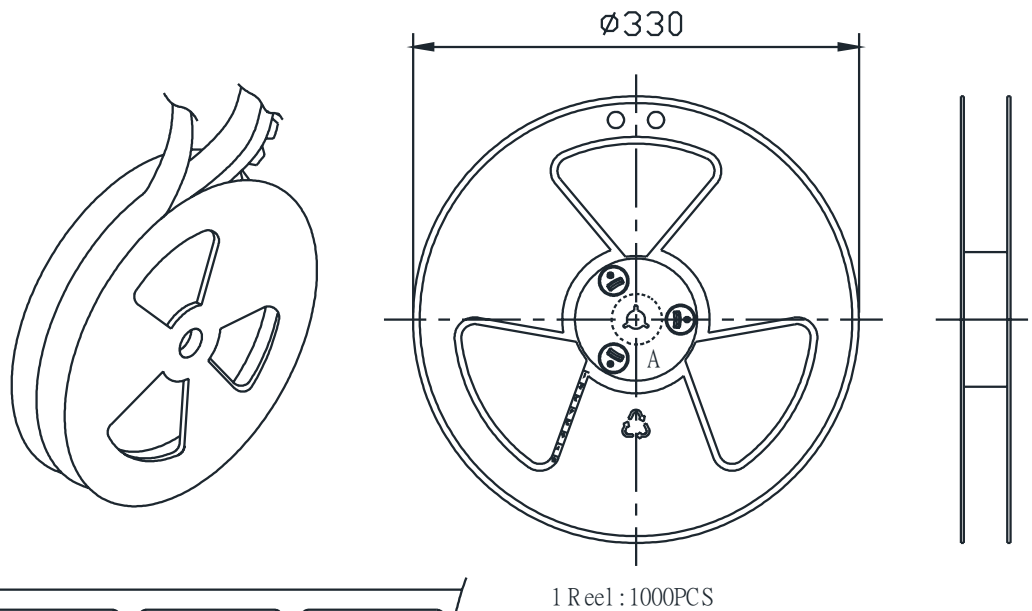
units: mm

Reel Size: Ø330 mm

Carton Size: 175 x 355 x 350 mm

Reel QTY: 1,000 pcs per reel

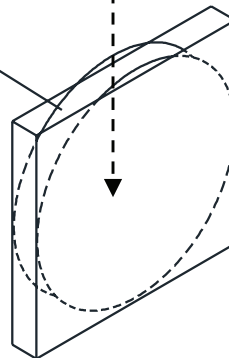
Carton QTY: 5,000 pcs per carton



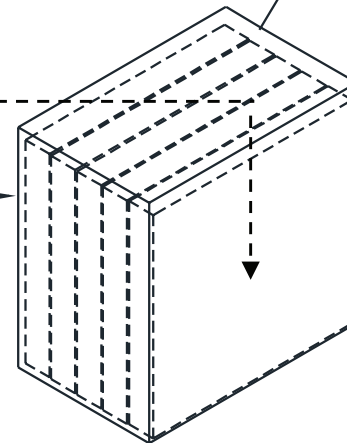
Lot No.	XXXXXXXXXX
Model No.	XXXXXXXXXX
Quantity.	XXXX Pcs
Date:	DD MM YY
	MADE IN CHINA
	CUI Inc

The label is placed on the inner boxes and outer carton.

InnerBox
(1 Layer Reel)



Carton Box
(5 Inner Box)



REVISION HISTORY

rev.	description	date
1.0	initial release	03/31/2016
1.01	added storage and drying conditions	07/26/2019

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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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.