


MODEL: CMT-1411R-SMT-TR | DESCRIPTION: MAGNETIC BUZZER TRANSDUCER
FEATURES

- externally driven
- SMT
- 93 dB SPL


SPECIFICATIONS

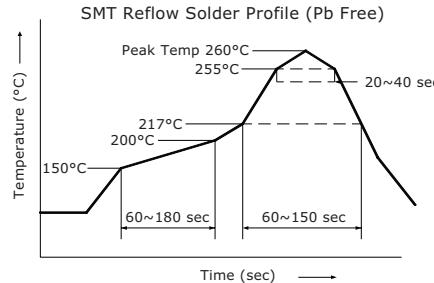
parameter	conditions/description	min	typ	max	units
rated voltage	V _{o-p}		5.0		V _{o-p}
operating voltage	0V	4.0	7.0		V _{o-p}
current consumption	at rated voltage, 3,200 Hz square wave, ½ duty		90		mA
rated frequency			3,200		Hz
sound pressure level	at 10 cm [A-weight], rated voltage, 3,200 Hz square wave, ½ duty	87	93		dBA
coil resistance		36.5	43.0	49.5	Ω
dimensions	14.0 x 11.0 x 3.0				mm
weight			0.9		g
material	LCP				
terminal	SMT type [Sn plating]				
operating temperature		-40		85	°C
storage temperature		-50		85	°C
RoHS	yes				

Notes: 1. All specifications measured at 5-35°C, humidity at 45-85%, under 86-106 kPa pressure, unless otherwise noted.

SOLDERABILITY

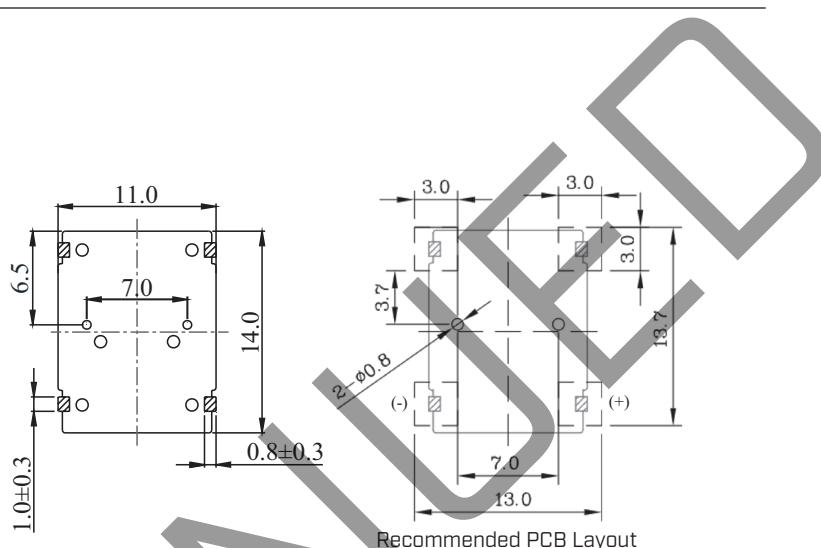
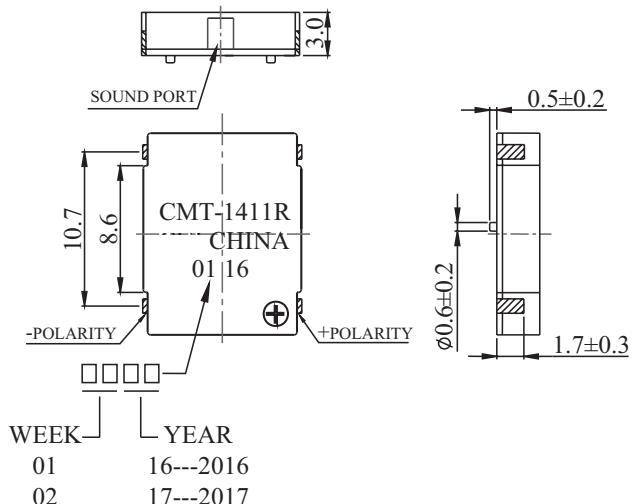
parameter	conditions/description	min	typ	max	units
reel storage	at relative humidity <40%		25		°C
reflow soldering ²	see recommended reflow soldering profile		260		°C
drying conditions ³	bake at 40°C for 24 hours				

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



MECHANICAL DRAWING

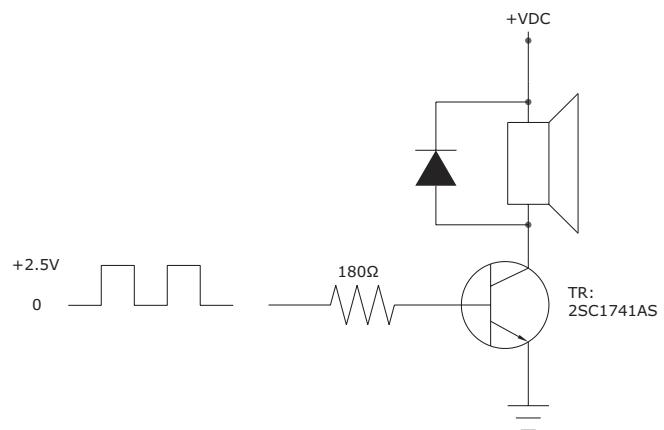
units: mm
tolerance: ± 0.5 mm



FREQUENCY RESPONSE CURVE



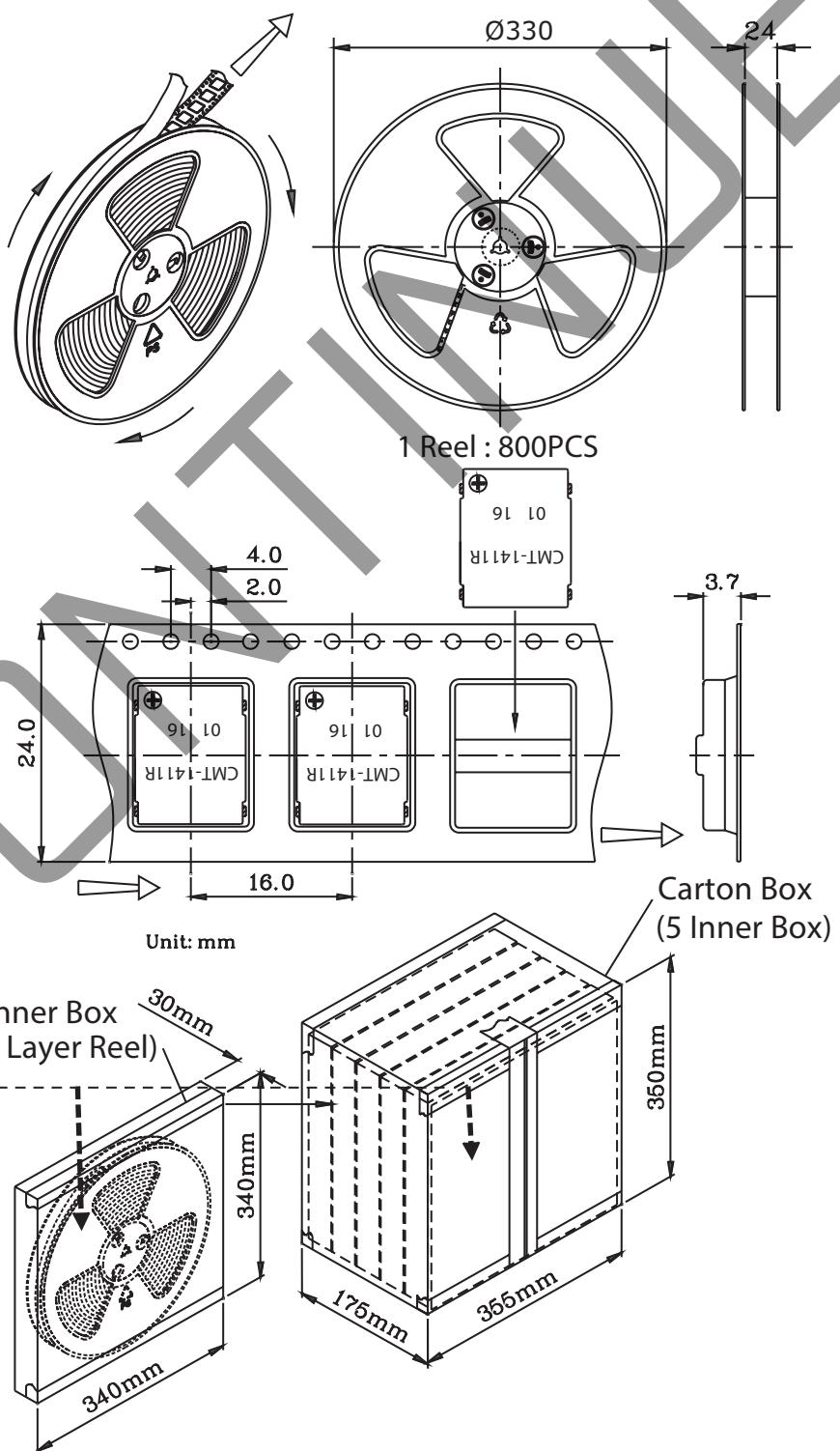
MEASUREMENT METHOD



PACKAGING

units: mm

Reel Size: Ø330 mm
 Carton Size: 175 x 355 x 350 mm
 Reel QTY: 800 pcs per reel
 Carton QTY: 4,000 pcs per carton



REVISION HISTORY

rev.	description	date
1.0	initial release	03/31/2016
1.01	added storage and drying conditions	06/12/2019
1.02	brand update	11/22/2019
1.03	logo, datasheet style update	08/05/2022
1.04	CUI Devices rebranded to Same Sky	09/11/2024

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

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

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