

MODEL: CPT-9019S-SMT | **DESCRIPTION:** PIEZO BUZZER TRANSDUCER
FEATURES

- externally driven
- low profile
- SMT

**SPECIFICATIONS**

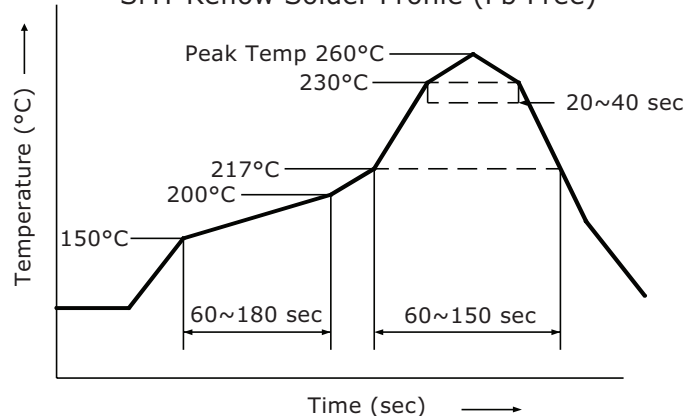
parameter	conditions/description	min	typ	max	units
operating voltage				25	Vp-p
current consumption	at 3 Vp-p, 4,000 Hz square wave			5	mA
rated frequency			4,000		Hz
sound pressure level	at 10 cm, 3 Vp-p, 4,000 Hz square wave	65			dB
electrostatic capacity	at 100 Hz/1 V	8,400	12,000	15,600	pF
dimensions	9.0 x 9.0 x 1.9				mm
weight				0.2	g
material	LCP				
terminal	SMT type (Sn plating)				
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 86~106 kPa pressure, unless otherwise noted.

SOLDERABILITY

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

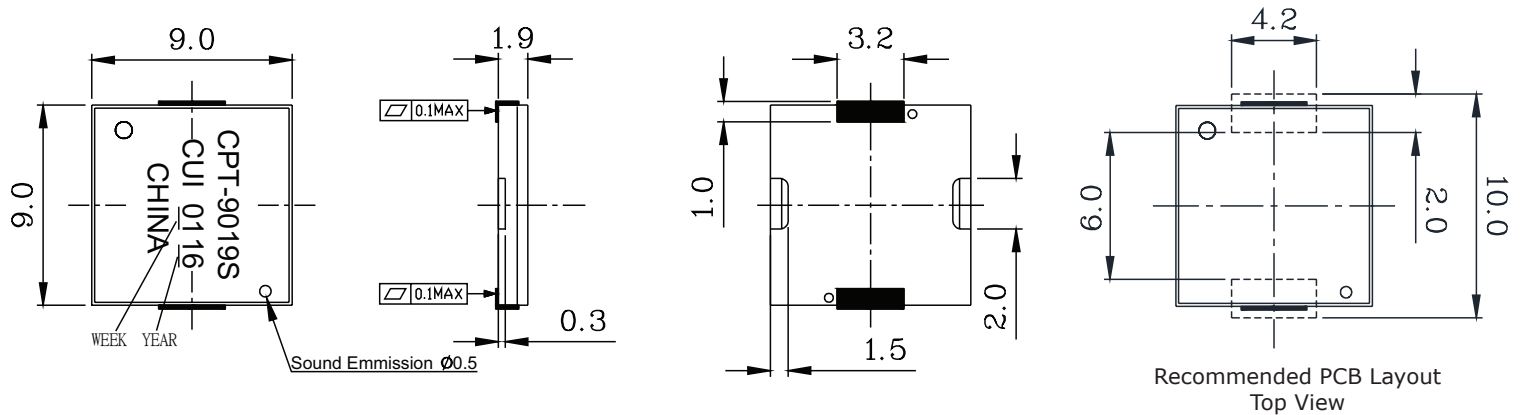
SMT Reflow Solder Profile (Pb Free)



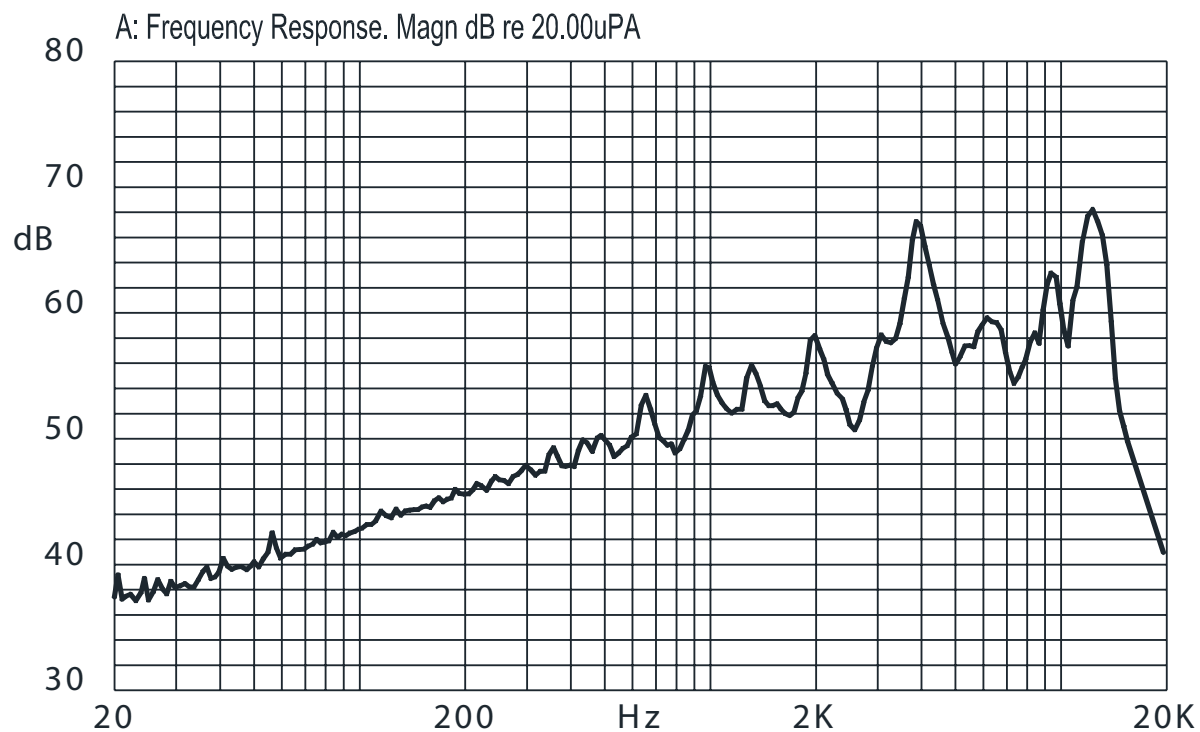
Time (sec) →

MECHANICAL DRAWING

units: mm
tolerance: ± 0.5 mm



FREQUENCY RESPONSE CURVE



PACKAGING

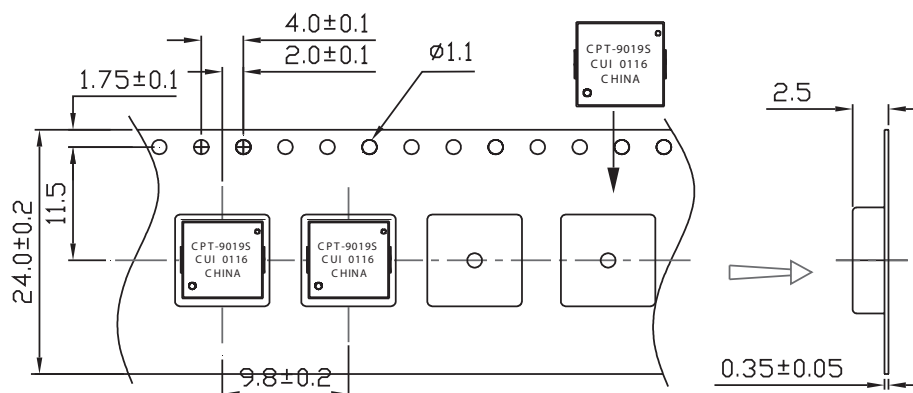
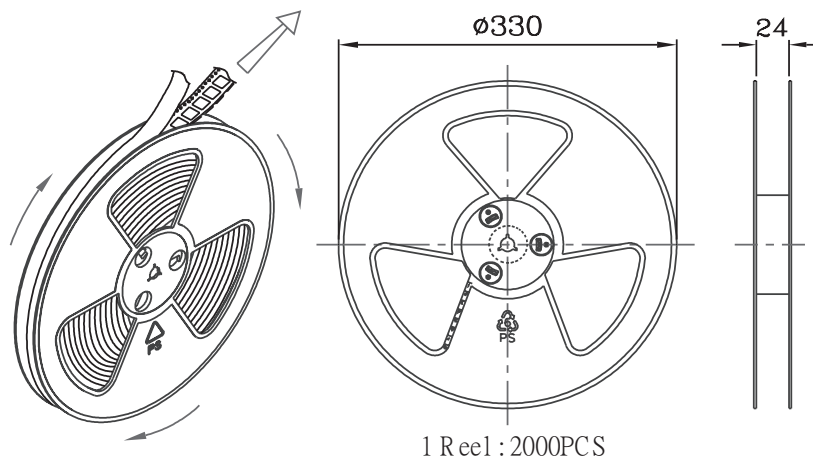
units: mm

Reel Size: Ø330 mm

Carton Size: 175 x 355 x 350 mm

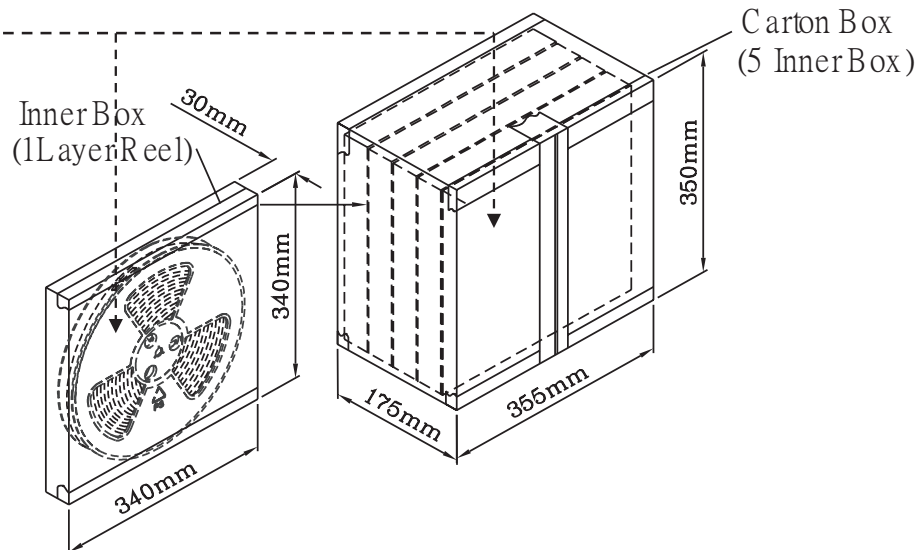
Reel QTY: 2,000 pcs per reel

Carton QTY: 10,000 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.



REVISION HISTORY

rev.	description	date
1.0	initial release	03/31/2016

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.

CUI reserves the right to make changes to the product at any time without notice. Information provided by CUI is believed to be accurate and reliable. However, no responsibility is assumed by CUI for its use, nor for any infringements of patents or other rights of third parties which may result from its use.

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.