

MODEL: CEM-14R06CT | **DESCRIPTION:** MAGNETIC BUZZER TRANSDUCER**FEATURES**

- through hole
- 1.5 V rated
- externally driven

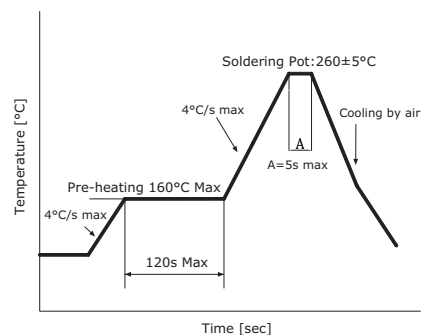
**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated voltage			1.5		Vo-p
operating voltage		1.0		1.7	Vo-p
current consumption	at rated voltage, 2,800 Hz square wave, ½ duty			40	mA
rated frequency			2,800		Hz
sound pressure level	at 10 cm [A-weight], rated voltage, 2,800 Hz square wave, ½ duty	85	91		dBA
coil resistance		13.6	16.0	18.4	Ω
dimensions	Ø12.0 x 10.0				mm
weight			1.6		g
material	PBT				
terminal	pin type [Au plating]				
operating temperature		-20		60	°C
storage temperature		-30		70	°C
washable	yes				
RoHS	yes				

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

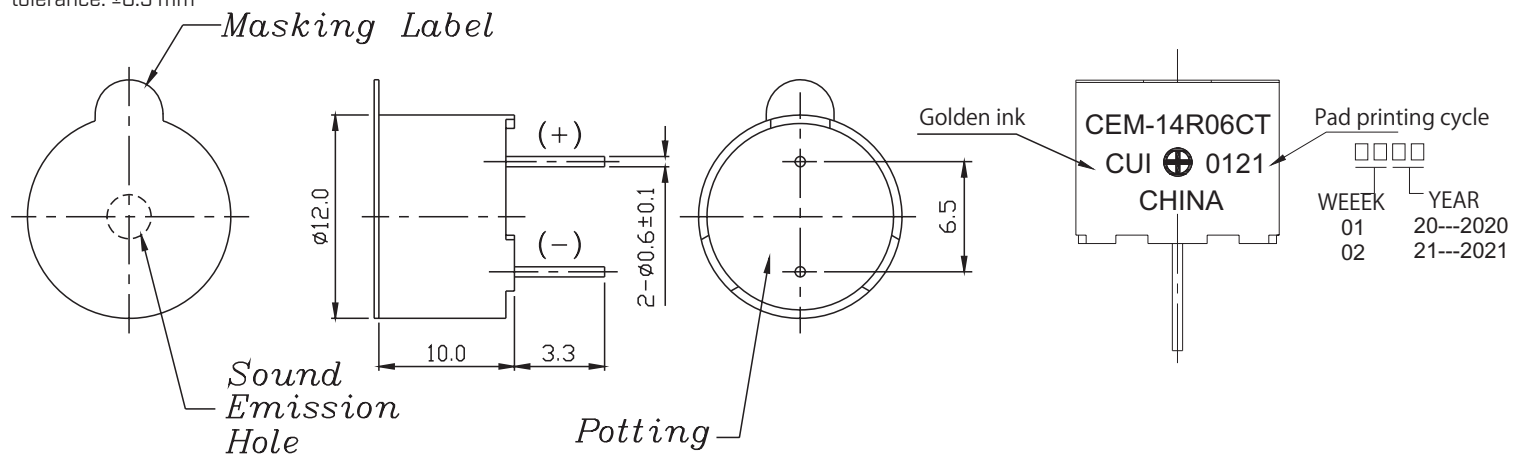
SOLDERABILITY

parameter	conditions/description	min	typ	max	units
hand soldering	for maximum 2 seconds	330		380	°C
wave soldering	see wave solder profile	255	260	265	°C

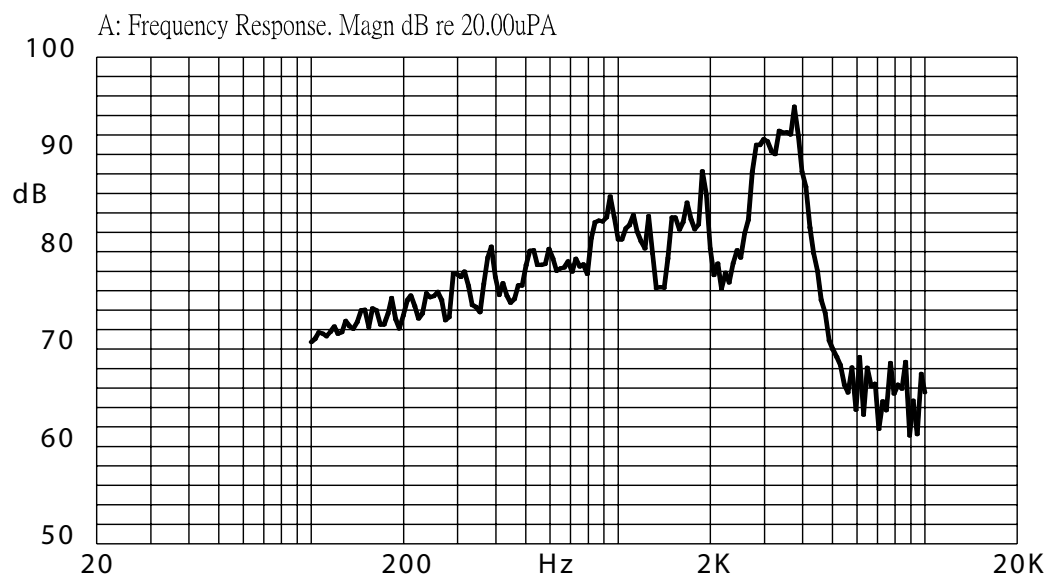


MECHANICAL DRAWING

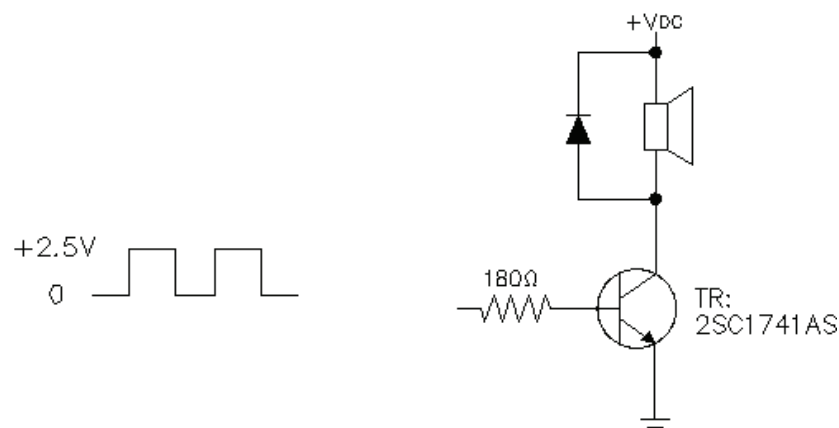
units: mm
tolerance: ± 0.5 mm



FREQUENCY RESPONSE CURVE



APPLICATION CIRCUIT



PACKAGING

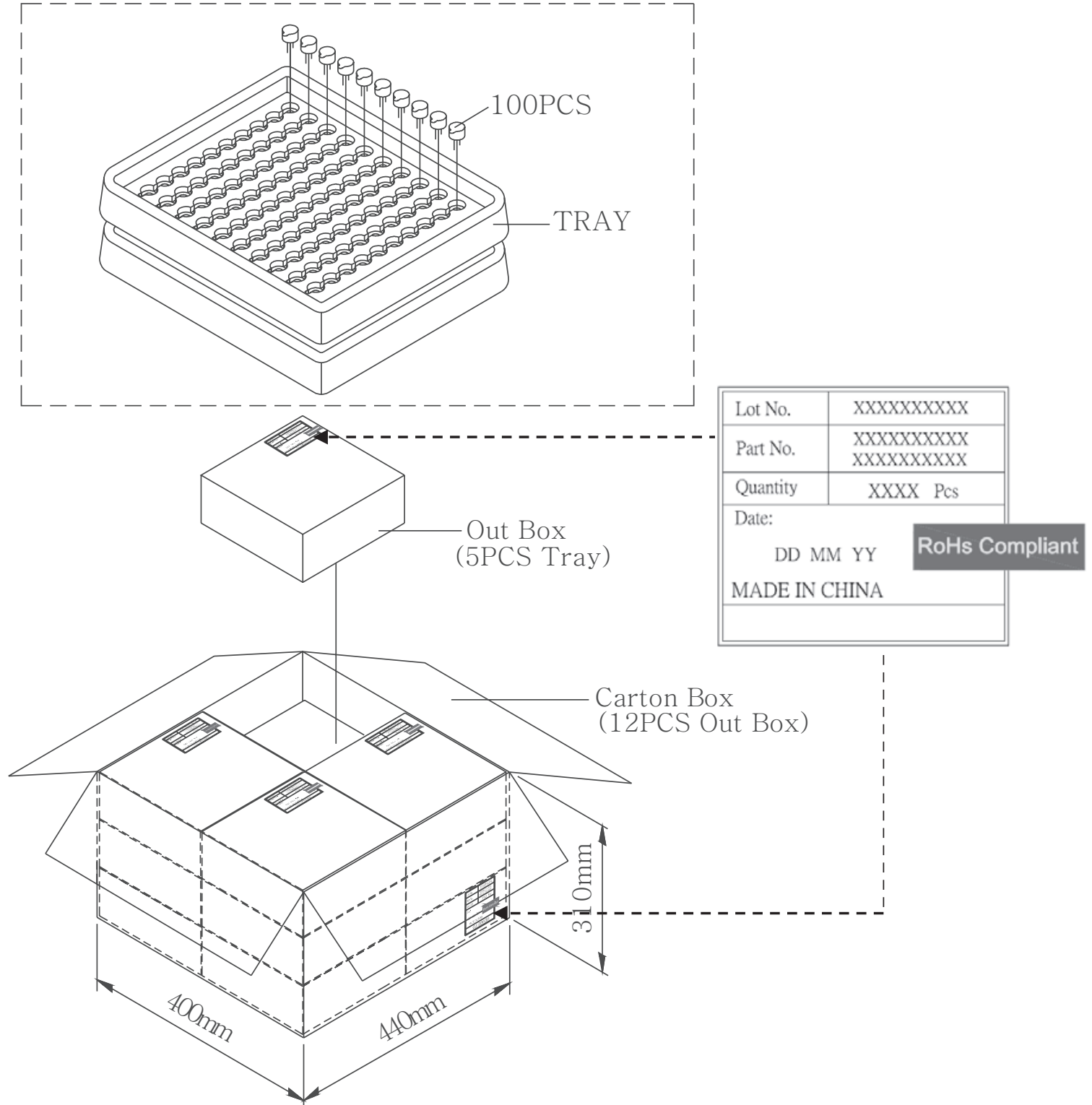
units: mm

Tray Size: 184 x 184 x 23 mm

Carton Size: 440 x 400 x 310 mm

Tray QTY: 100 pcs per tray

Carton QTY: 6,000 pcs per carton



REVISION HISTORY

rev.	description	date
1.0	initial release	09/12/2006
1.01	brand update	01/06/2020
1.02	changed pin pitch	10/27/2021
1.03	logo, datasheet style update	08/05/2022

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



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