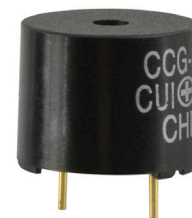



**MODEL:** CCG-1206 | **DESCRIPTION:** MAGNETIC BUZZER TRANSDUCER**FEATURES**

- through hole
- 5 V rated
- externally driven

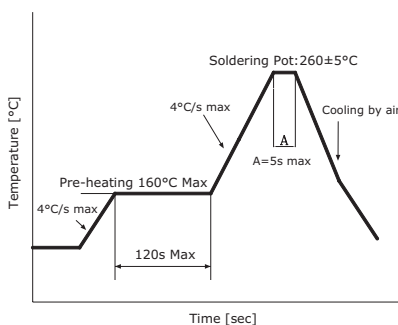
**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated voltage			5.0		Vo-p
operating voltage		4.0		8.0	Vo-p
current consumption	at rated voltage, 2,400 Hz square wave, 1/2 duty			50	mA
rated frequency			2,400		Hz
sound pressure level	at 10 cm (A-weight), rated voltage, 2,400 Hz square wave, 1/2 duty	85	91		dB(A)
coil resistance		36.0	42.0	48.0	$\Omega$
dimensions	$\varnothing 12.0 \times 9.5$				mm
weight			1.6		g
material	PBT+15% GF				
terminal	pin type (Sn plating)				
operating temperature		-35		75	$^{\circ}\text{C}$
storage temperature		-40		85	$^{\circ}\text{C}$
washable	yes				
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.

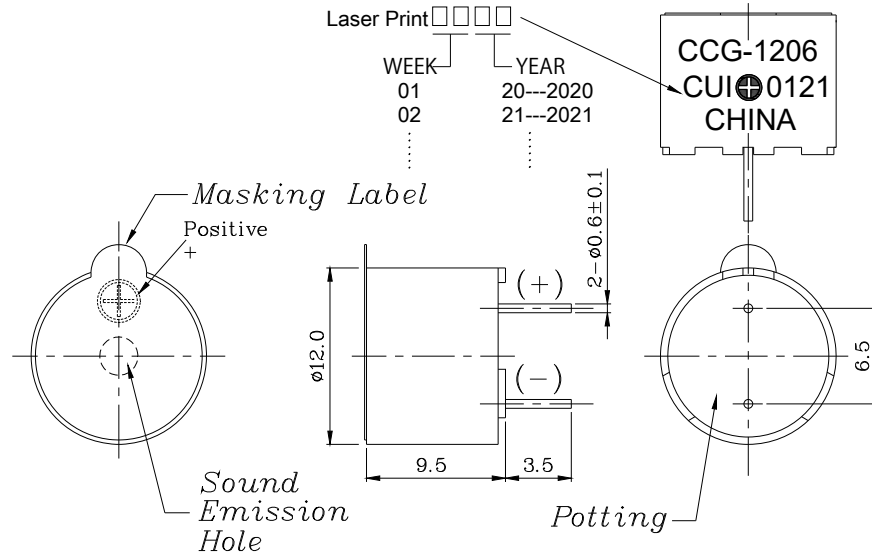
**SOLDERABILITY**

parameter	conditions/description	min	typ	max	units
hand soldering	for maximum 2 seconds	330		380	$^{\circ}\text{C}$
wave soldering	see wave solder profile	255	260	265	$^{\circ}\text{C}$

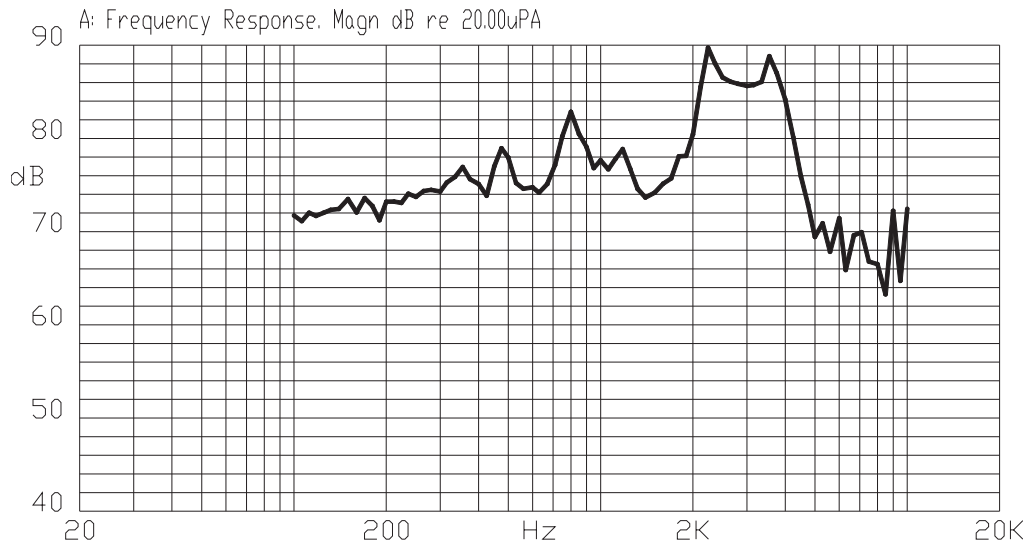


## MECHANICAL DRAWING

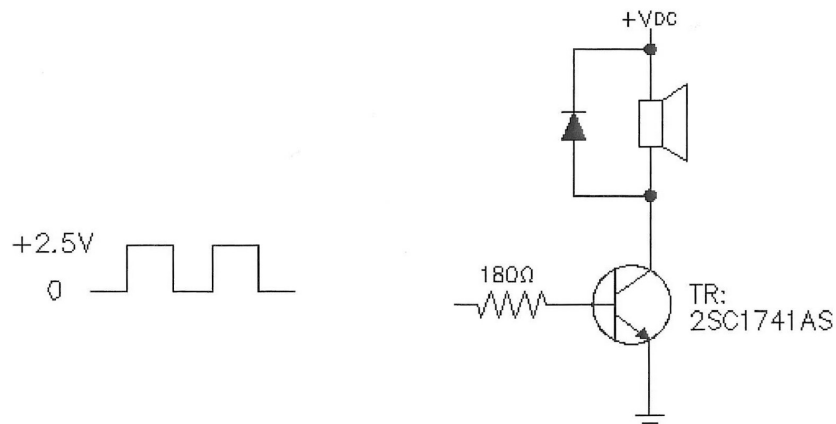
units: mm  
tolerance:  $\pm 0.5$  mm



## FREQUENCY RESPONSE CURVE



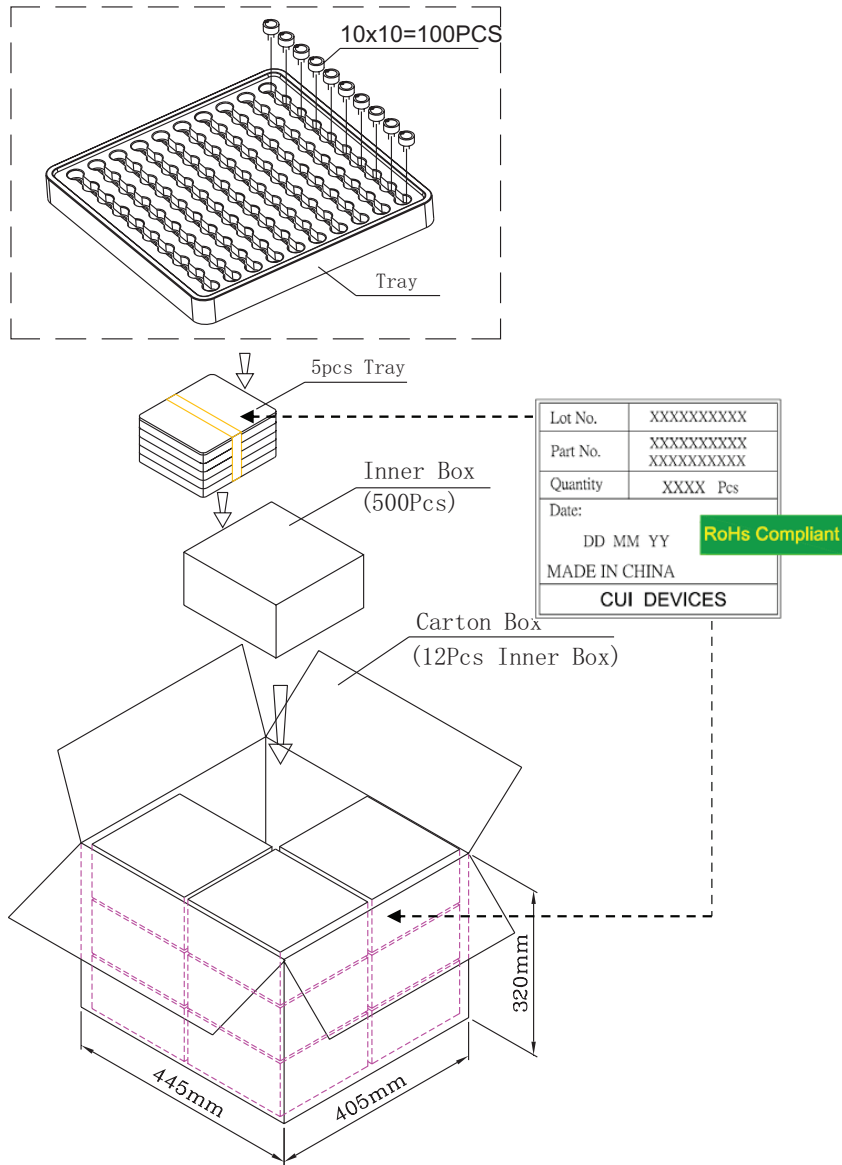
## APPLICATION CIRCUIT



## PACKAGING

units: mm

Tray Size: 184 x 180 x 23 mm  
 Carton Box Size: 445 x 405 x 320 mm  
 Tray QTY: 100 pcs per box  
 Carton Box QTY: 6,000 pcs per carton



## REVISION HISTORY

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rev.	description	date
1.0	initial release	03/19/2007
1.01	brand update	02/04/2020
1.02	modified housing	09/15/2021

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

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# CUI DEVICES

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

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