

MODEL: CMT-1614C-120 | **DESCRIPTION:** MAGNETIC BUZZER TRANSDUCER**FEATURES**

- externally driven
- wave solderable
- washable

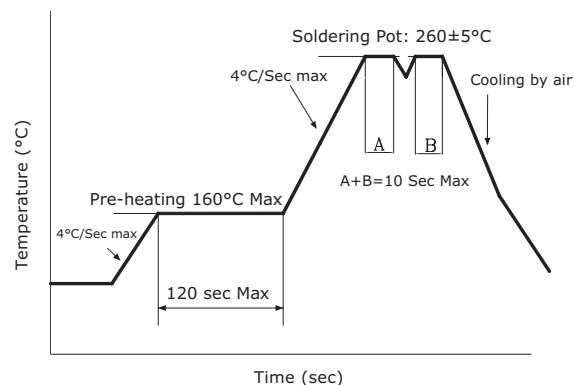
**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated voltage	Vo-p 		12.0		Vo-p
operating voltage		9.0		13.0	Vo-p
current consumption	at rated voltage, 2,048 Hz square wave, 1/2 duty			80	mA
rated frequency			2,048		Hz
sound pressure level	at 10 cm (A-weight), rated voltage, 2,048 Hz square wave, 1/2 duty	85	94		dBA
coil resistance		97.8	115.0	132.2	Ω
dimensions	$\varnothing 16.0 \times 14.0$				mm
weight			4.60		g
material	PPS (S-206)				
terminal	pin type (Au 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.

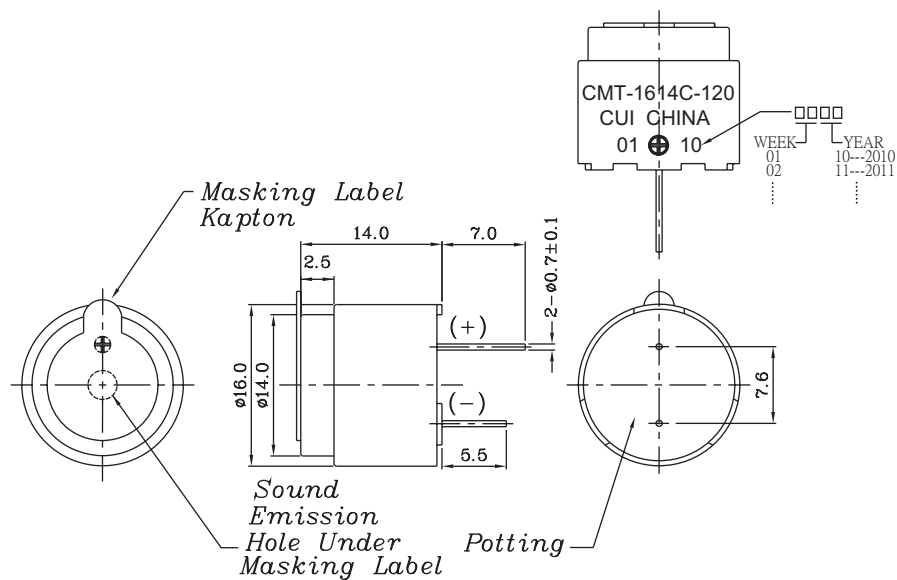
SOLDERABILITY

parameter	conditions/description	min	typ	max	units
wave soldering	see recommended wave soldering profile			260	$^{\circ}\text{C}$

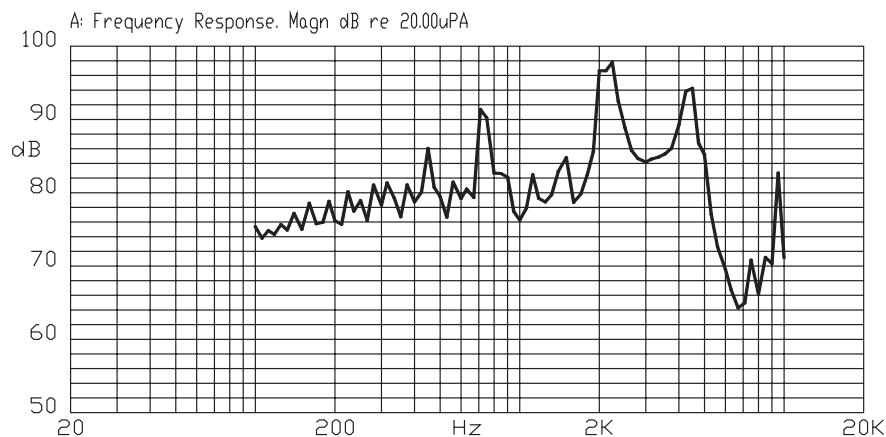


MECHANICAL DRAWING

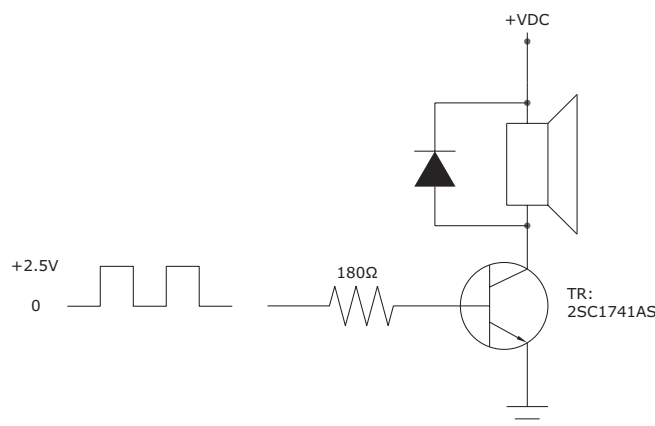
units: mm
tolerance: ± 0.5 mm



FREQUENCY RESPONSE CURVE



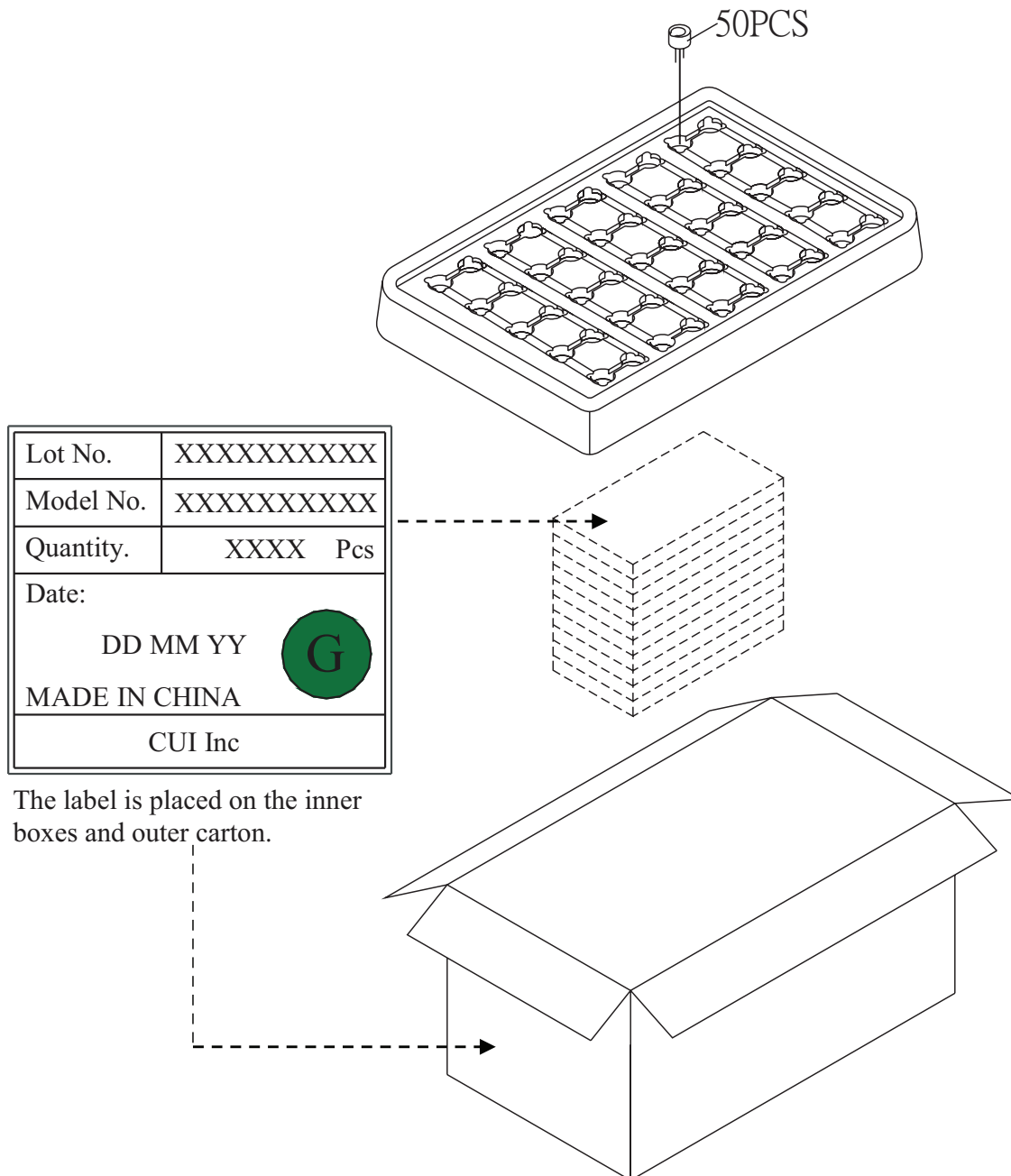
MEASUREMENT METHOD



PACKAGING

units: mm

Tray Size: 320 x 170 x 28 mm
Carton Size: 690 x 390 x 350 mm
Tray QTY: 50 pcs per tray
Carton QTY: 2,000 pcs per carton



REVISION HISTORY

rev.	description	date
1.0	initial release	03/31/2016
1.01	updated mechanical drawing	05/24/2016
1.02	brand update	11/22/2019

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

CUI DEVICES

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

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

CUI Devices 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.