MODEL: CMT-2412-95T | DESCRIPTION: MAGNETIC BUZZER TRANSDUCER

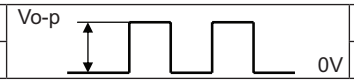
FEATURES

- magnetic
- 95 dB @ 0.1 m
- through hole



RoHS

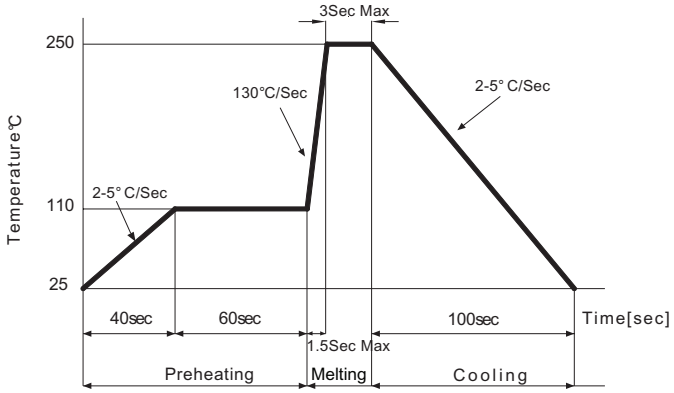
SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated voltage			12		Vo-p
operating voltage		10		14	Vo-p
current consumption	at rated voltage, 800 Hz, ½ duty square wave			60	mA
rated frequency			800		Hz
sound pressure level	at 10 cm, rated voltage, 800 Hz, ½ duty square wave	90	95		dBA
coil resistance		97.75	115	132.25	Ω
dimensions	Ø24.5 x 12.5				mm
weight			8		g
material	PBT (black)				
terminal	pins (tin plating)				
operating temperature		-40		85	°C
storage temperature		-40		85	°C
washable	yes				
RoHS	yes				

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

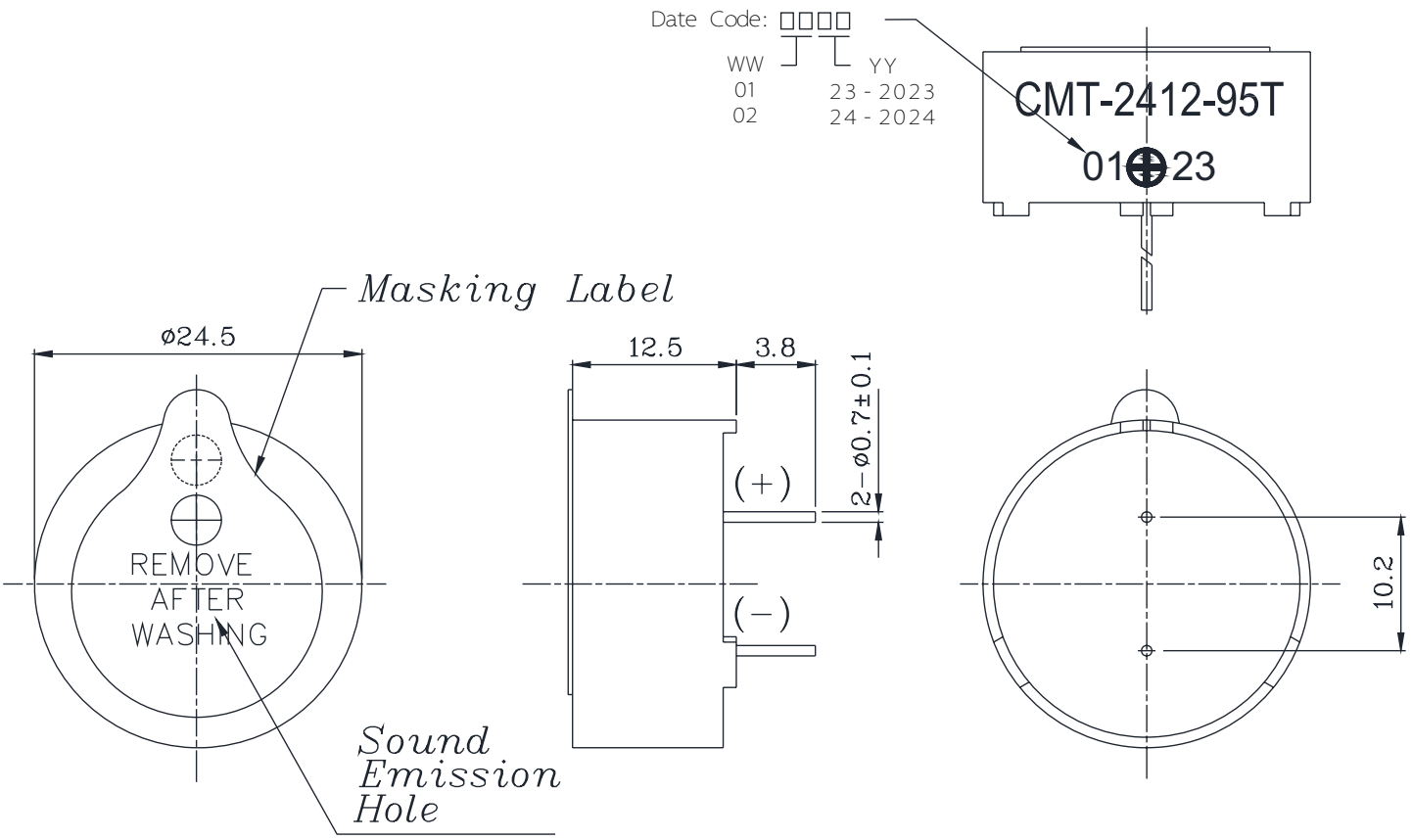
SOLDERABILITY

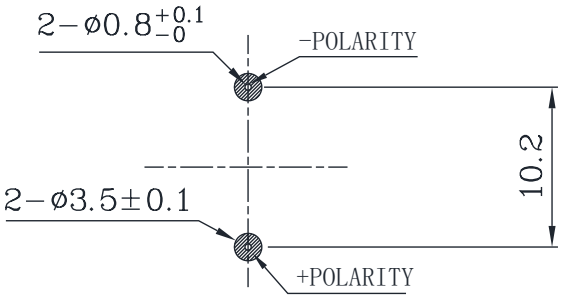
parameter	conditions/description	min	typ	max	units
hand soldering	for maximum 3 seconds	330		360	°C
wave soldering	see recommended wave soldering profile			250	°C



MECHANICAL DRAWING

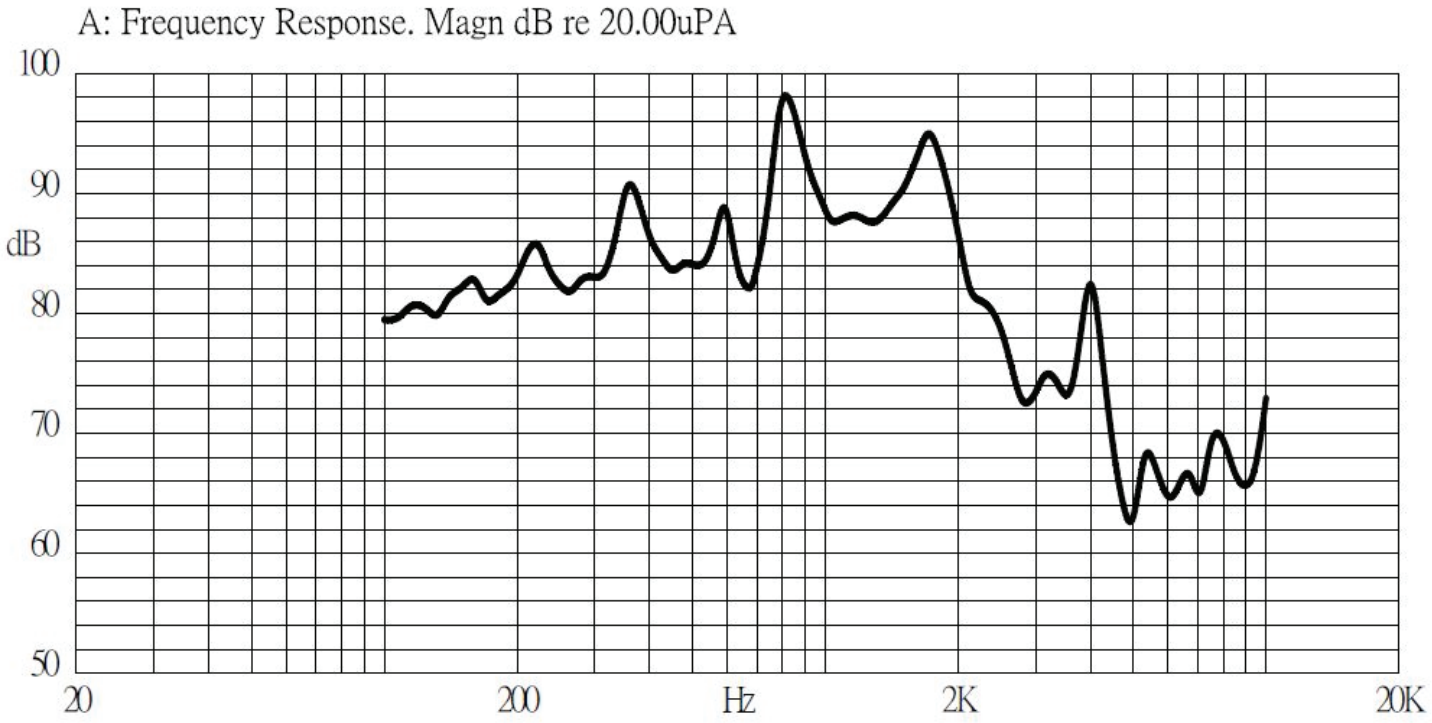
units: mm
tolerance: ±0.5 mm



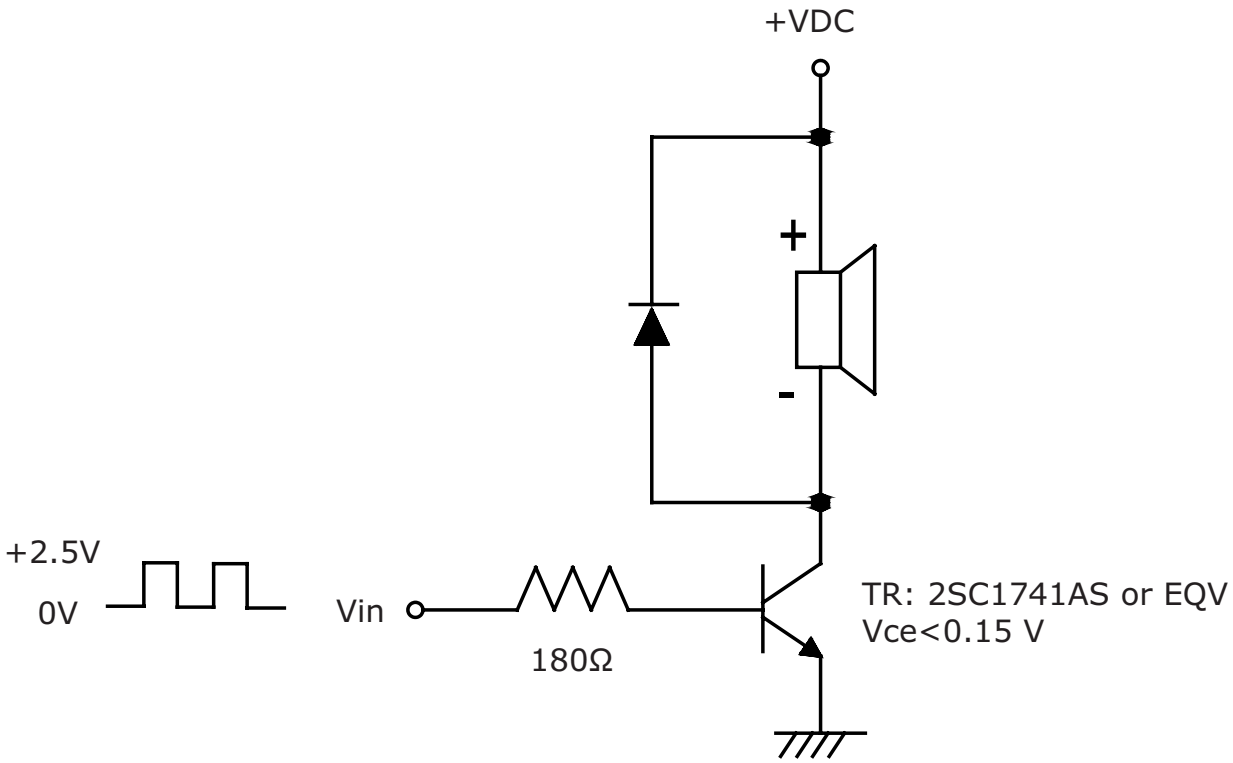


Recommended PCB Layout
Top View

FREQUENCY RESPONSE CURVE



APPLICATION CIRCUIT



REVISION HISTORY

rev.	description	date
1.0	initial release	12/18/2023

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

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

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