

**MODEL:** CMT-1209-590T | **DESCRIPTION:** MAGNETIC BUZZER TRANSDUCER**FEATURES**

- round
- 5 mm pin pitch
- rated frequency 2048 Hz

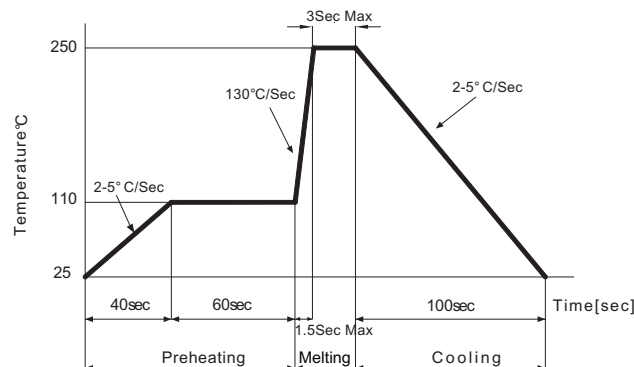
**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated voltage			5.0		Vo-p
operating voltage		3.0		7.0	Vo-p
current consumption	at rated voltage, 2,048 Hz, ½ duty square wave			65	mA
rated frequency			2,048		Hz
sound pressure level	at 10 cm, rated voltage, 2,048 Hz, ½ duty square wave	85	90		dBA
coil resistance		25	30	35	Ω
dimensions	Ø12.0 x 9.0				mm
weight				1.80	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.

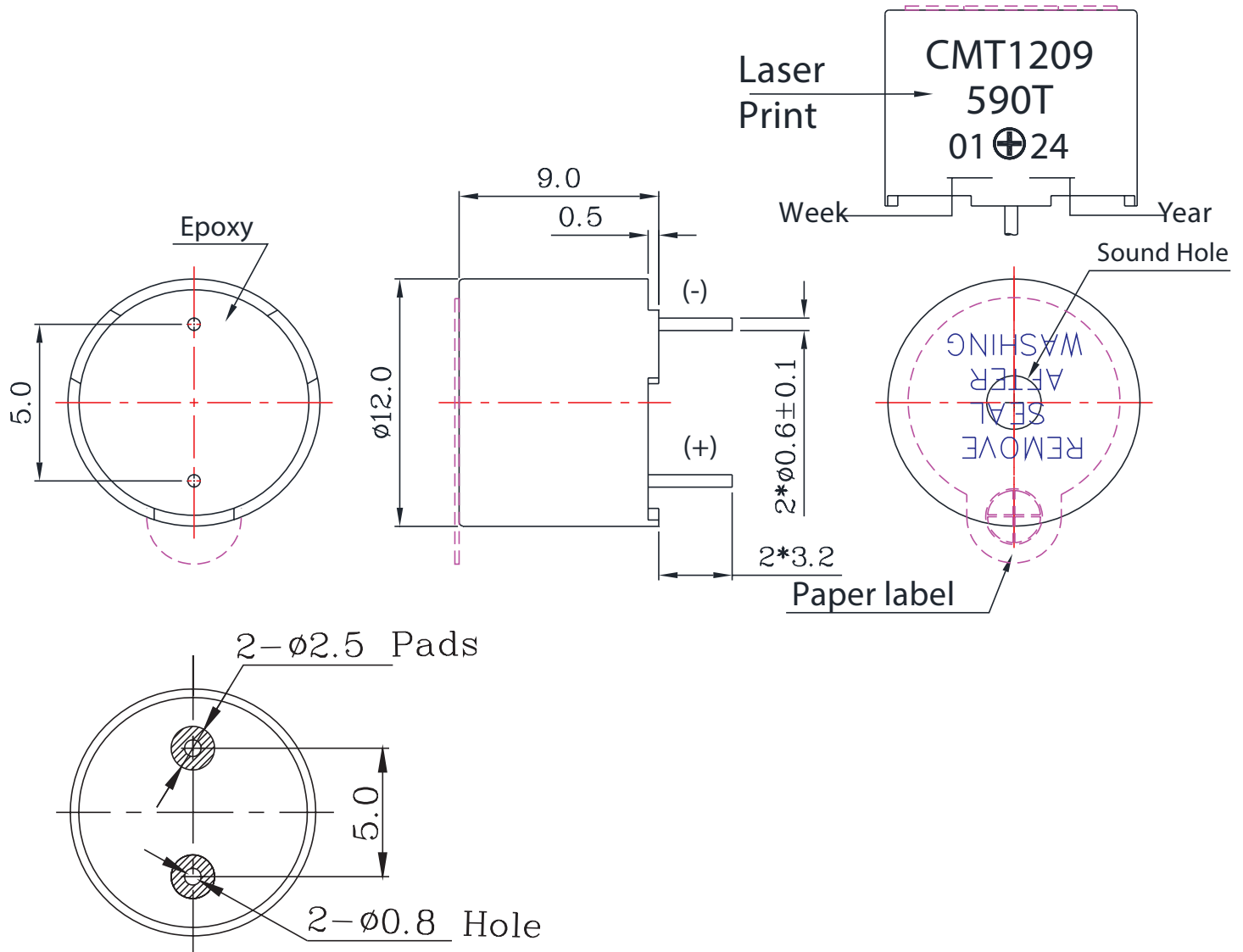
SOLDERABILITY

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



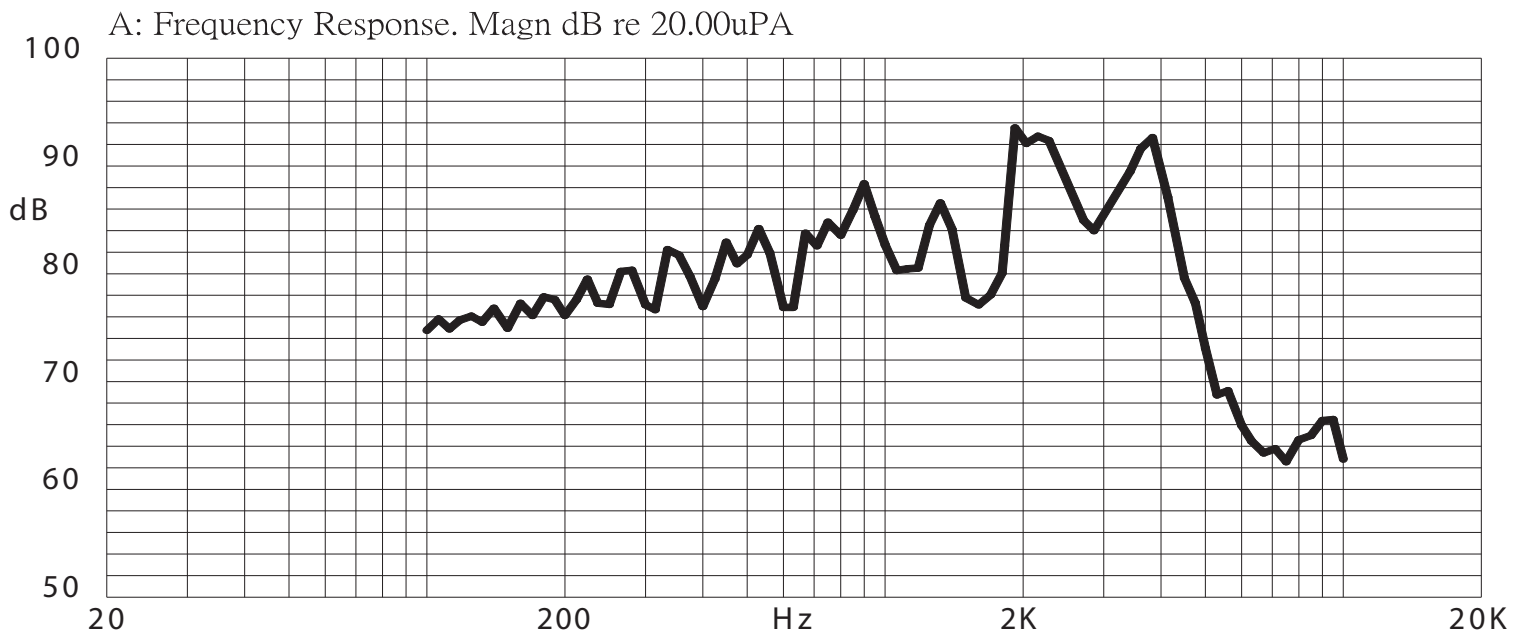
MECHANICAL DRAWING

units: mm
tolerance: ± 0.5 mm

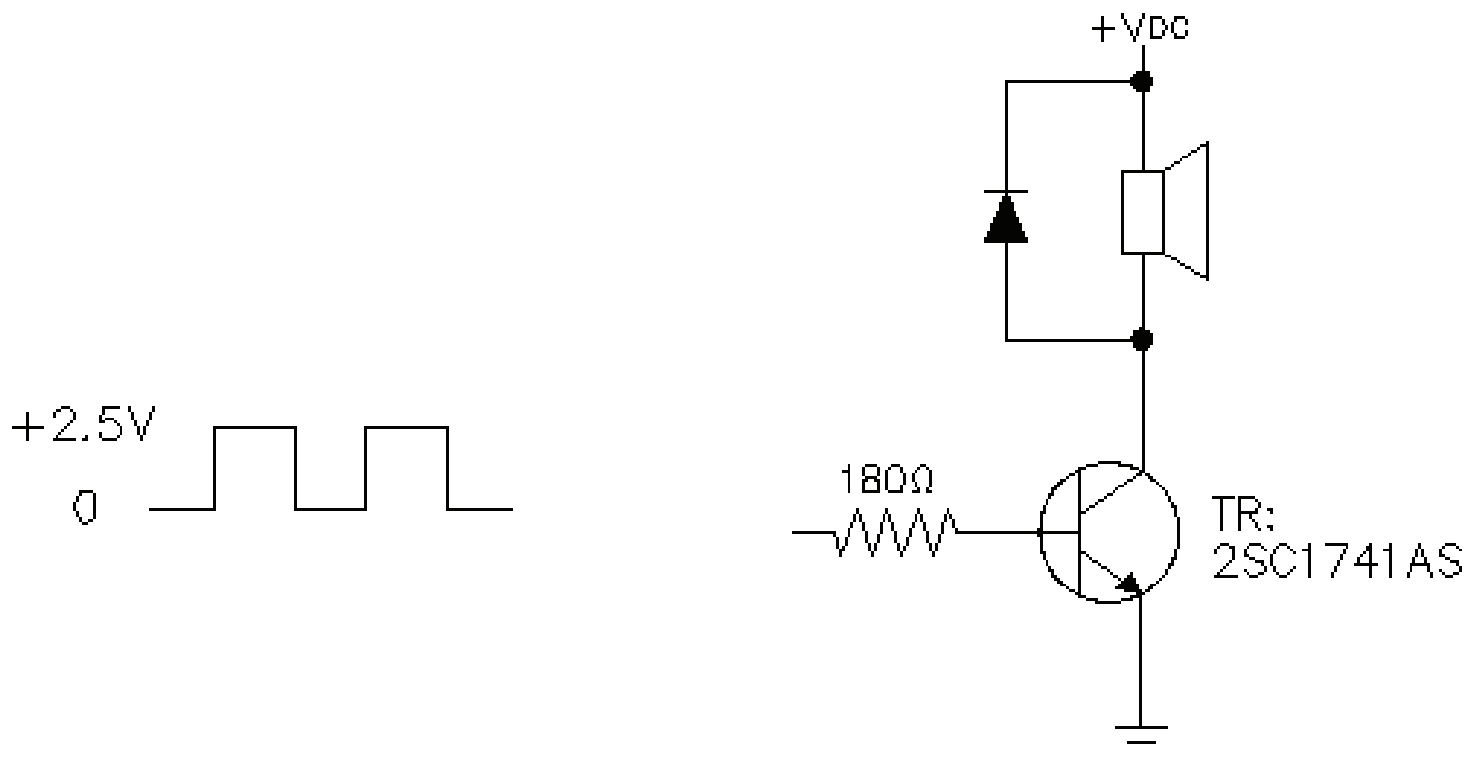


Recommended PCB Layout
Top View

FREQUENCY RESPONSE CURVE



APPLICATION CIRCUIT



X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Buzzers & Audio Indicators - Board Mount](#) ***category:***

Click to view products by [Same Sky](#) ***manufacturer:***

Other Similar products are found below :

[FDG111PLF](#) [F/NRMB 24 BLACK LF](#) [PT-3534FP](#) [SC110E](#) [SC616N-2](#) [SCS045MD9DT3S](#) [F/BC 35-DR LF](#) [F/EB20P-DR LF](#)
[FSMD8585JSLF](#) [F/TCW 05 WITH LABEL LF](#) [F/TCW 12 WITH LABEL LF](#) [F/UCW 03 WITH LABEL LF](#) [F/UCW 06 WITH LABEL LF](#) [F-](#)
[B-P1405ISB LF](#) [F/DGX 05P WITH LABEL LF](#) [F/HCW 06 WITH LABEL LF](#) [DMT-1606S-NL](#) [SBM616J](#) [SBM616PU](#) [SC250H](#) [SC628FK](#)
[32S4120LFPN](#) [PLD-27N35PQ](#) [SMA-17-S](#) [SC235AF](#) [SMA21-P175](#) [1602AC-23-18E-26.000000G](#) [710000013](#) [710100108](#) [710121005](#)
[205311](#) [HNR-1704A](#) [KC1206 16](#) [FUET-1760](#) [FUET-1030H](#) [CPT-1117-83-SMT-TR](#) [CMA-6542PF](#) [CEM-1212S](#) [CMT-4023S-SMT-TR](#)
[CMT-8504-100-SMT-TR](#) [CX-0905C](#) [FMB09A12-12V](#) [FSD-5037](#) [FUET-1365F-05](#) [FSD-3020-12V](#) [SEA-0955Y-0527-16-50P4.0](#) [KC1206R](#)
[42](#) [FSD-2316-24V](#) [LEB1370BS-1.5S-2.4-R](#) [LEB1310BS-05S-2.4-R](#)