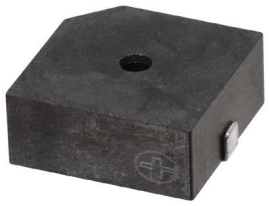
CUI Devices is now Same Sky! Learn More

MODEL: CMI-9705-0580-SMT-TR | DESCRIPTION: MAGNETIC BUZZER INDICATOR

FEATURES

- surface mount
- 80 dB
- magnetic
- internally driven



RoHS

SPECIFICATIONS

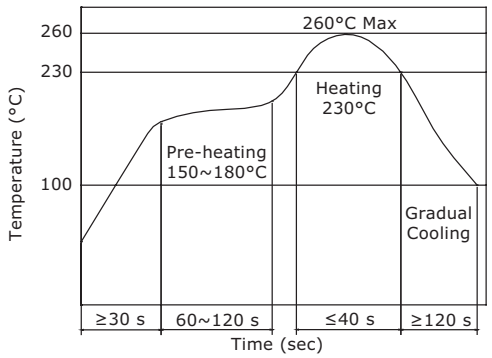
parameter	conditions/description	min	typ	max	units
rated voltage			5		Vdc
operating voltage		3		8	Vdc
current consumption	at rated voltage			30	mA
rated frequency		2,400	2,700	3,000	Hz
sound pressure level	at 10 cm, rated voltage	80			dB
dimensions	9.7 x 9.7 x 5.2				mm
weight			2.0		g
material	LCP				
terminal	surface mount (red copper with tin plating)				
operating temperature		-40		85	°C
storage temperature		-40		85	°C
RoHS	yes				

Notes: 1. All specifications measured at 25±3°C, humidity at 60~70%, under 86~106 kPa pressure, unless otherwise noted.

SOLDERABILITY

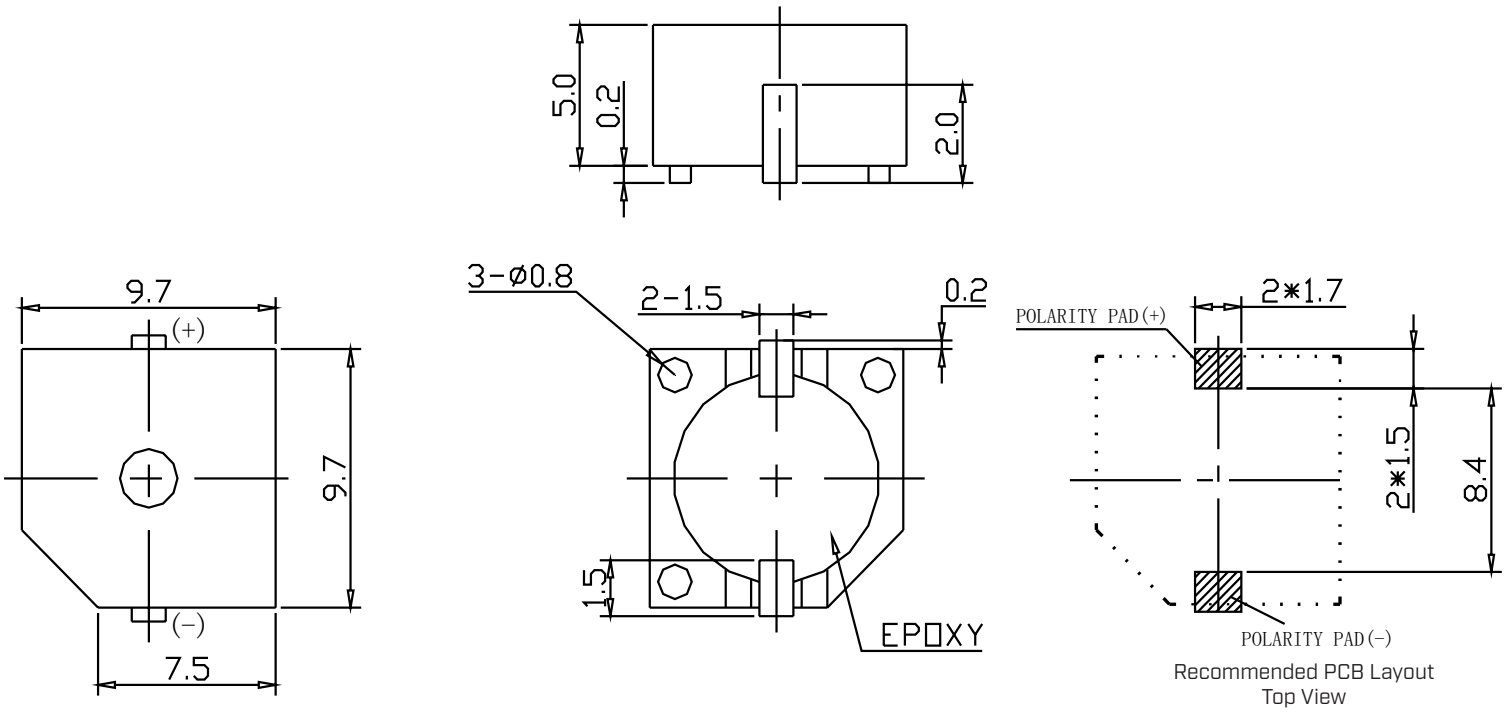
parameter	conditions/description	min	typ	max	units
reel storage	at relative humidity <60%			25	°C
reflow soldering[2]	see recommended reflow soldering profile			260	°C
drying conditions[3]	bake at 40°C for 24 hours				

Note: 2. It is recommended to reflow solder within 48 hours from opening vacuum packaging at a temperature <30°C & relative humidity <60%.
3. When out of packaging for more than 48 hours.



MECHANICAL DRAWING

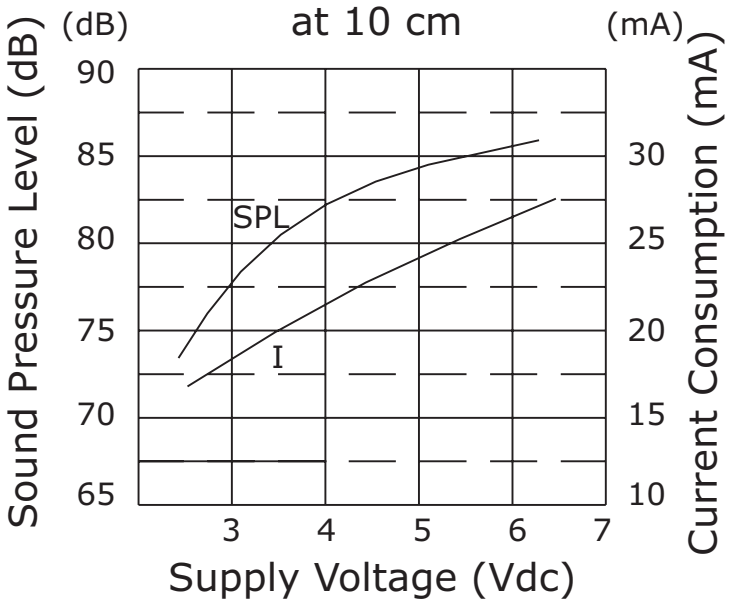
units: mm
tolerance: ±0.5 mm



Recommended PCB Layout
Top View

PERFORMANCE CURVES

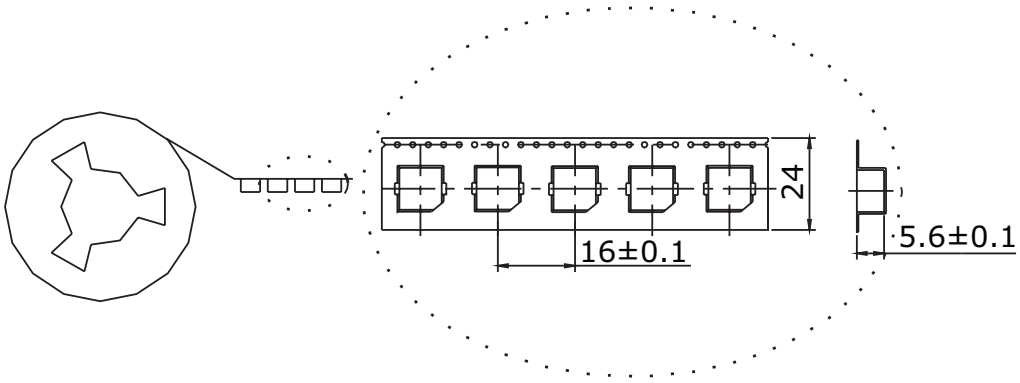
SPL: Voltage vs. Sound Pressure Level
I: Voltage vs. Current Consumption

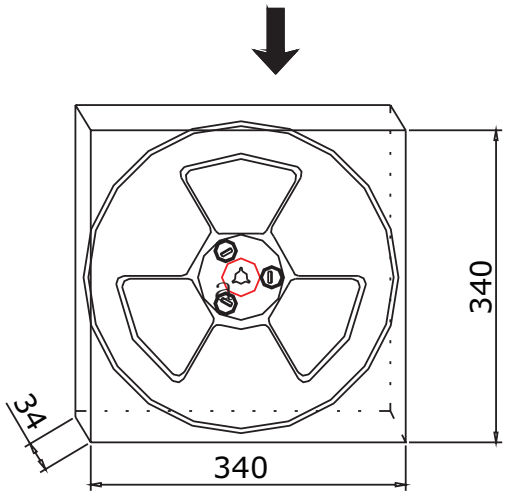


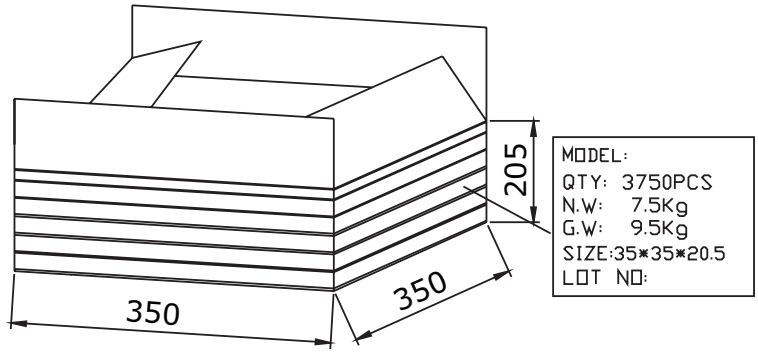
PACKAGING

units: mm

Reel Size: Ø330 mm
Reel QTY: 750 pcs per reel
Carton Size: 350 x 350 x 205 mm
Carton QTY: 3,750 pcs per carton







REVISION HISTORY

rev.	description	date
1.0	initial release	07/11/2019
1.01	brand update	12/18/2019
1.02	logo, datasheet style update	08/05/2022
1.03	CUI Devices rebranded to Same Sky	09/11/2024

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

same sky

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

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Same Sky 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.

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