

date 05/03/2013

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MODEL: CMT-1075-SMT | **DESCRIPTION:** PIEZO BUZZER TRANSDUCER

FEATURES

- washable
- low current
- · externally driven





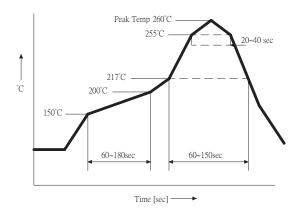
SPECIFICATIONS

| parameter | conditions/description | min | typ | max | units |
|------------------------|--|-------|--------|--------|-------|
| operating voltage | | | | 25 | Vp-p |
| current consumption | at 5 Vp-p, 5,200 Hz square wave | | | 5 | mA |
| rated frequency | | | 5,200 | | Hz |
| sound pressure level | at 10 cm, 5 Vp-p, 5,200 Hz square wave | 75 | | | dB |
| electrostatic capacity | at 100 Hz/1 V | 7,700 | 11,000 | 14,300 | pF |
| dimensions | Ø10 x 3.1 | | | | mm |
| weight | | | | 0.3 | g |
| material | LCP (black) | | | | |
| terminal | SMT type (Au plating) | | | | |
| operating temperature | | -20 | | 70 | °C |
| storage temperature | | -30 | | 80 | °C |
| RoHS | yes | | | | |

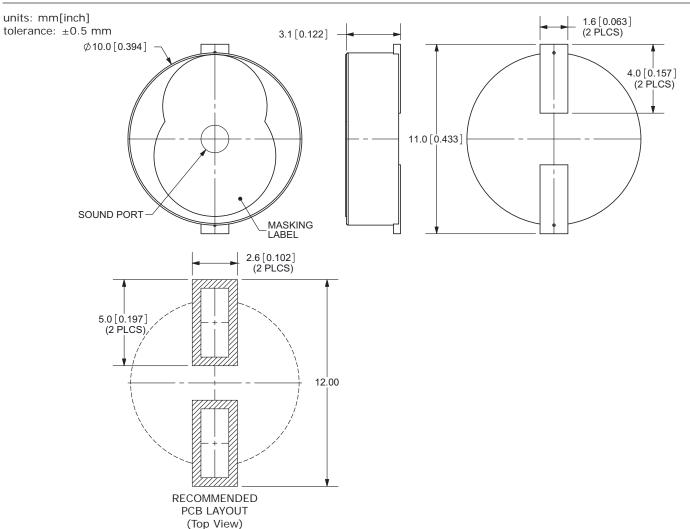
Note: Add suffix "-TR" to the model for tape & reel packaging

SOLDERABILITY

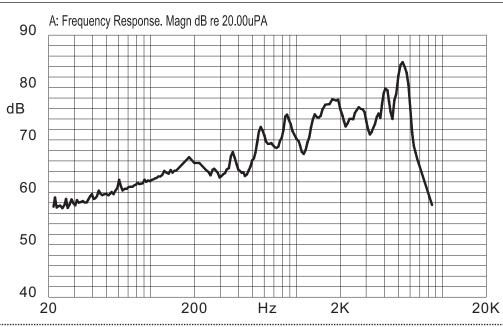
| parameter | conditions/description | min | typ | max | units |
|------------------|---------------------------|-----|-----|-----|-------|
| reflow soldering | see reflow solder profile | | | 260 | °C |



MECHANICAL DRAWING



FREQUENCY RESPONSE CURVE



REVISION HISTORY

| rev. | description | date | |
|------|---|------------|--|
| 1.0 | initial release | 07/13/2010 | |
| 1.01 | updated part number, added TR package option, applied new spec template | 05/03/2013 | |

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



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

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