

**MODEL:** CMT-1604-SMT | **DESCRIPTION:** PIEZO BUZZER TRANSDUCER
**FEATURES**

- low current
- low profile
- externally driven

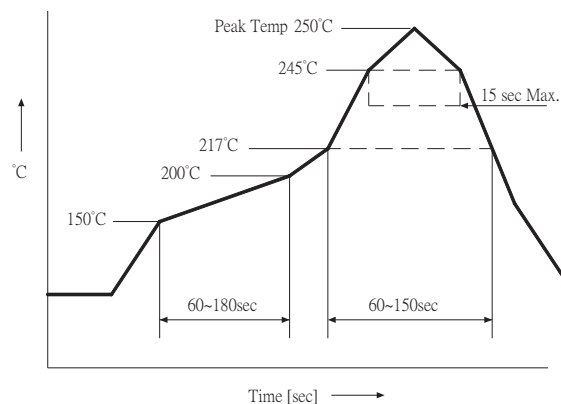
**SPECIFICATIONS**

| parameter              | conditions/description                 | min    | typ    | max    | units |
|------------------------|--|--------|--------|--------|-------|
| operating voltage      |  |        |        | 25     | Vp-p  |
| current consumption    | at 3 Vp-p, 4,000 Hz square wave        |        |        | 5      | mA    |
| rated frequency        |  |        | 4,000  |        | Hz    |
| sound pressure level   | at 10 cm, 3 Vp-p, 4,000 Hz square wave | 81     |        |        | dB    |
| electrostatic capacity | at 1 KHz, 1 V                          | 14,000 | 20,000 | 26,000 | pF    |
| dimensions             | 16 x 16 x 2.6                          |        |        |        | mm    |
| weight                 |  |        | 0.96   |        | g     |
| material               | LCP (white) + PCB (FR4)                |        |        |        |       |
| terminal               | SMT type (Au plating)                  |        |        |        |       |
| operating temperature  |  | -40    |        | 120    | °C    |
| storage temperature    |  | -40    |        | 120    | °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 |     |     | 250 | °C    |





## REVISION HISTORY

| rev. | description   | date       |
|------|---|------------|
| 1.0  | initial release   | 07/15/2010 |
| 1.01 | updated part number, added TR package option, applied new spec template | 05/13/2013 |

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



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