

MODEL: CPE-2883 | **DESCRIPTION:** PIEZO BUZZER INDICATOR

FEATURES

- through-hole pins
- 12 Vdc rating
- 83 db
- 3 kHz rated frequency


SPECIFICATIONS

| parameter | conditions/description | min | typ | max | units |
|-----------------------|---------------------------|-------|-------|-------|-------|
| rated voltage | | | 12 | | Vdc |
| operating voltage | | 3 | | 28 | Vdc |
| current consumption | at rated voltage | | | 8 | mA |
| rated frequency | | 2,500 | 3,000 | 3,500 | Hz |
| sound pressure level | at 30 cm, rated voltage | 83 | | | dB |
| dimensions | ∅28.6 x 7.5 | | | | mm |
| weight | | | | 3.8 | g |
| material | ABS UL94 1/16" HB (black) | | | | |
| terminal | pin type (gold plating) | | | | |
| operating temperature | | -30 | | 85 | °C |
| storage temperature | | -40 | | 95 | °C |
| RoHS | yes | | | | |

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

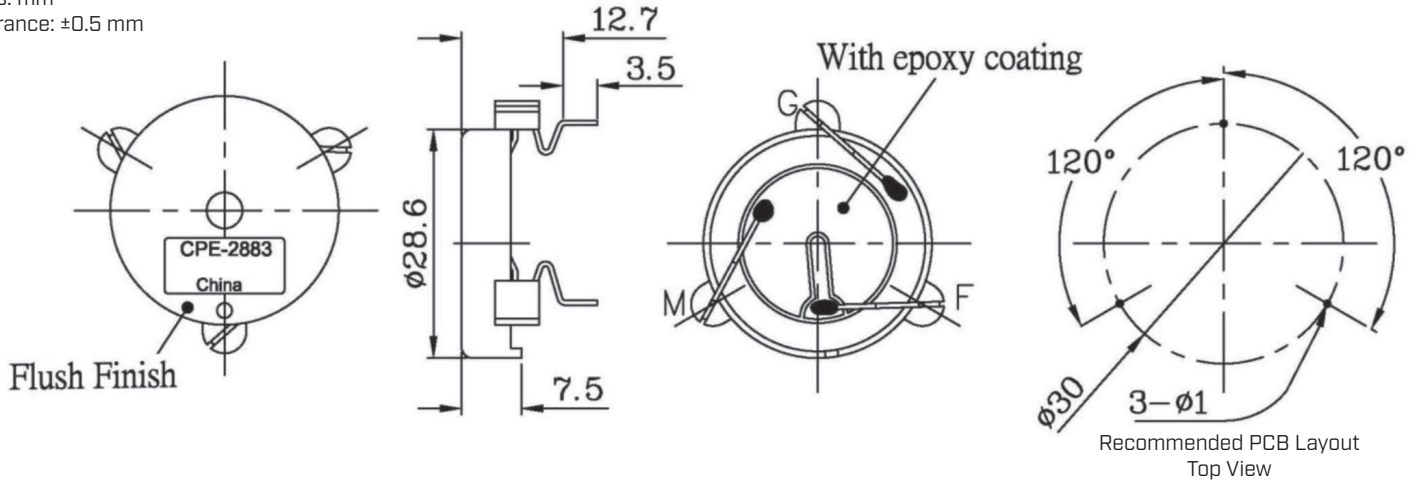
SOLDERABILITY

| parameter | conditions/description | min | typ | max | units |
|-----------------------------|------------------------|-----|-----|-----|-------|
| hand soldering ² | for maximum 3 seconds | 320 | 330 | 340 | °C |

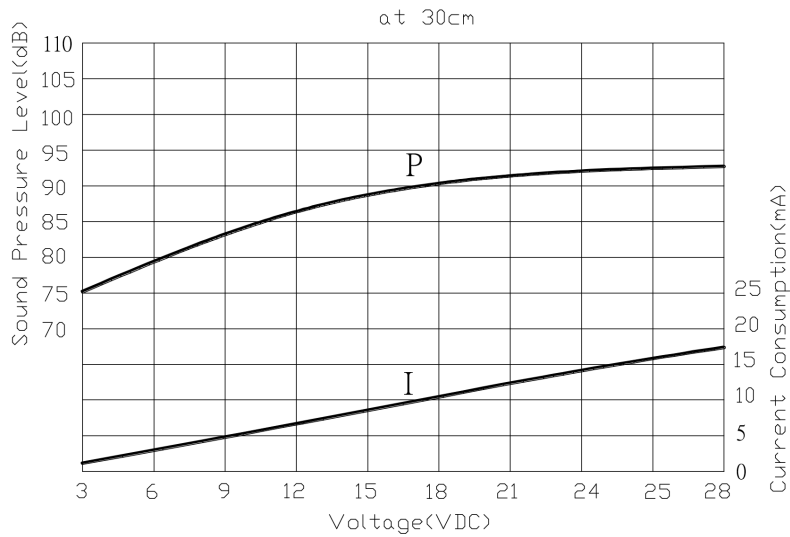
Notes: 2. Not recommended for wave soldering

MECHANICAL DRAWING

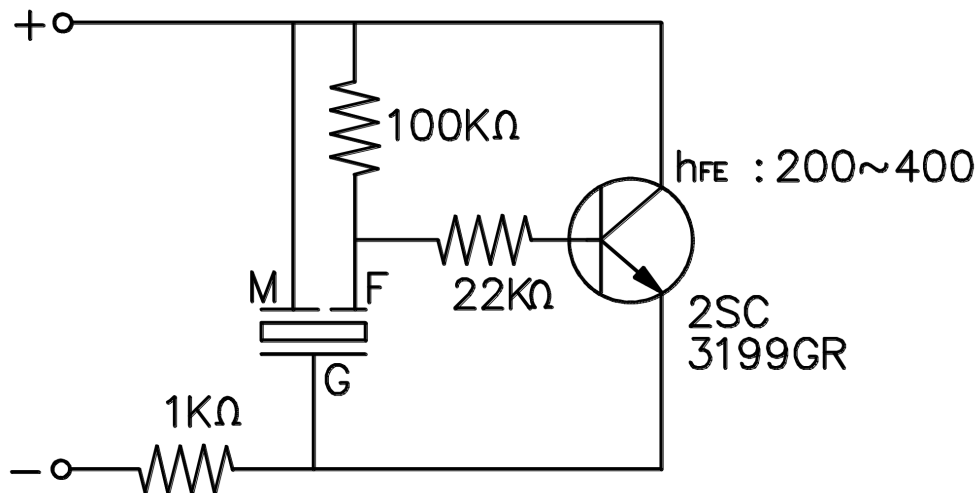
units: mm
tolerance: ±0.5 mm



PERFORMANCE CURVES



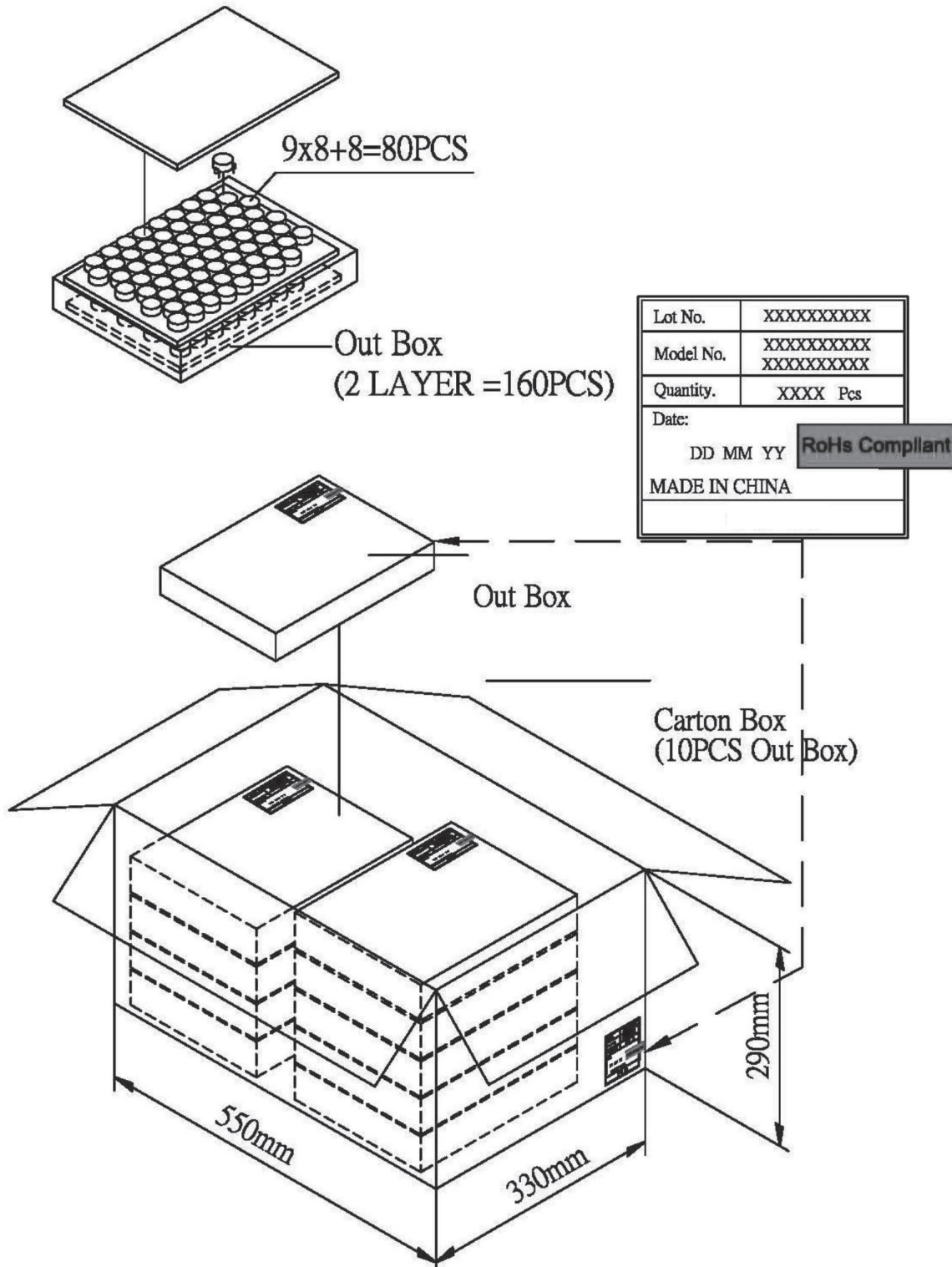
DRIVING CIRCUIT



Notes: 1. The current consumption and the sound pressure level are measured by using the recommended driving circuit shown above.

PACKAGING

Internal Box Size: 310 x 248 x 49 mm
 Carton Size: 550 x 330 x 290 mm
 QTY: 1,600 pcs (160 x 10)



REVISION HISTORY

| rev. | description | date |
|------|------------------------------|------------|
| 1.0 | initial release | 06/01/2010 |
| 1.01 | brand update | 10/04/2019 |
| 1.02 | logo, datasheet style update | 08/05/2022 |

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



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