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INDICATORS • SPEAKERS • SOUND TRANSDUCERS • ENCLOSURES • MICROPHONES • BATTERY ACCESSORIES

CI25P-16W290-C-1

Former P/N: CE-C80W

Rev. 13-2019 RoHS3 & REACH & **Piezoelectric Indicators** 



## **Operating Characteristics**

| ELECTRICAL         |                 |                          | 120               |           |          |               | 50         |             |  |
|--------------------|-----------------|--------------------------|-------------------|-----------|----------|---------------|------------|-------------|--|
| Rated Voltage      | 12.0 VDC        | . <u>+</u>               |                   | SPL AT    | 10cm     |               |            |             |  |
| Operating Voltage  | 5.0 to 16.0 VDC | E E                      |                   | SPL       |          |               |            |             |  |
| Max Current at Vm  | hax 40 mA       | utput<br>Meter           | 110               |           |          |               | 40         | 7           |  |
| ACOUSTIC           |                 | <u>9</u> 8               | 100               | SI SI     | AT 60cm. |               | 30         | Current (m/ |  |
| Tone Category      | Continuous      | evel<br>ype              |                   | ┼┼┼┼┼╆┽   |          | + $+$ $+$ $+$ | +          |             |  |
| Description        | Steady          | <u>ح</u> ک               |                   |           |          |               |            | Ş           |  |
| Center f           | 2900 ± 250 Hz   |                          | 90                |           |          |               | 20         | Le la       |  |
| Min SPL at Vrated  | 98 dB           | p d                      | 30                |           |          |               |            | 5           |  |
| Test Conditions    | 61 cm           | with                     |                   |           |          |               |            | ō           |  |
|                    |                 | pical Soun<br>dB(A), wit | 80                |           |          |               | 10         | Input       |  |
|                    |                 | -id B                    | 70                | 5         | 10       | 15            |            | _           |  |
|                    |                 | - 🔁 4                    |                   | 5         | 10       | 15            | 20         |             |  |
|                    |                 |                          | Input Voltage (V) |           |          |               |            |             |  |
| Physical Character | ristics         |                          |                   |           |          |               |            |             |  |
| MATERIALS          |                 |                          | T VIEW            | SIDE VIEW |          |               | REAR       |             |  |
| Housing Noryl      | PX9406          | TRON                     |                   |           |          |               |            |             |  |
| Diaphragm Stain    | ass Steel       | Ø1 00                    | 0.96+0.01         |           |          |               | Ø1.01±0.01 |             |  |

| Housing         | Noryl PX9406                                    | i i i i i i i i i i i i i i i i i i i |                |             |             |                           |
|-----------------|---|---------------------------------------|----------------|-------------|-------------|---------------------------|
| Diaphragm       | Stainless Steel                                 | Ø1.00                                 | 0.86±0.01      |             |             | Ø1.01±0.01<br>[Ø25.6±0.4] |
| Wire            | 18 AWG, GXL<br>Automotive,<br>XPLE<br>insulated | [Ø25.4]                               | [21.8±0.4]     |             | 0.23        |                           |
| TEMPERATURE RAN | IGES<br>-30 to +65 °C                           |                                       | 1.00<br>[25.4] |             | 5.00 ± 0.25 |                           |
| Storage         | -40 to +100 °C                                  | 0.51                                  |                | 0.60        | [127 ± 6.3] |                           |
| Weight          | 13.5 g  | [12.9                                 | <b>I</b>       | 0.84 [21.3] |             |                           |

| Revision | Description  | Ву | Date       |
|----------|--|----|------------|
| 12-2017  | Changed operating current at 5V from 8 to 10 mA. Revise Current v. Voltage chart | WS | 2017-04-19 |
| 13-2019  | Migrate to new format  | JL | 2019-06-20 |
|          |  |    |            |

Warranty: For a period of one (1) year from date of shipping under normal operations conditions This warranty does not apply to products damaged through misuse, abuse, improper installation, alteration, rework, or attempt to repair.

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