

Surface Mount TCXO

- 4.5 mm height
- Tight stability availability
- TTL/HCMOS

Series **CC132**



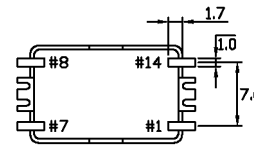
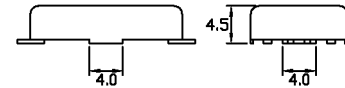
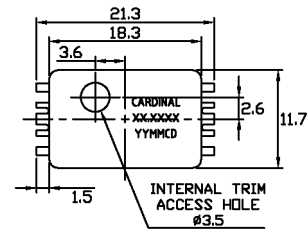
Part Numbering Example: **CC132 L Z - A2 B2 45 - 22.5792**

| CC132  | L          | Z                                 | A2  | B2   | 45                            | 22.5792   |
|--------|------------|-----------------------------------|---|--|-------------------------------|-----------|
| SERIES | VOLTAGE    | PACKAGING OPTIONS                 | OPERATING TEMP.   | STABILITY  | SYMMETRY                      | FREQUENCY |
| CC132  | Blank = 5V | Blank = Bulk<br>Z = Tape and Reel | A2 = -10°C ~+60°C<br>A3 = -30°C ~+75°C<br>A5 = -20°C ~+70°C<br>A9 = 0°C ~+50°C<br>AA = -10°C ~+70°C<br>AC = -30°C ~+60°C<br>AE = -40°C ~+80°C | B1 = ±5.0 ppm<br>B2 = ±3.0 ppm<br>B3 = ±2.5 ppm<br>B4 = ±2.0 ppm<br>B5 = ±1.5 ppm<br>B9 = ±4.0 ppm<br>BB = ±4.5 ppm<br>BF = ±3.5 ppm | Blank = 40/60%<br>45 = 45/55% |           |

Specifications:

|  |  |
|--|--|
| Frequency Range:   | 1.000 MHz to 35.000 MHz  |
| Available Stability Options:                             | ±5.0 ppm<br>±4.5 ppm<br>±4.0 ppm<br>±3.5 ppm<br>±3.0 ppm<br>±2.5 ppm<br>±2.0 ppm<br>±1.5 ppm   |
| Output Series:   | TTL/CMOS   |
| Input Voltage:   | +5.0 VDC ±5%   |
| Operating Temperature Range Options:                     | 0°C to +50°C<br>-10°C to +60°C<br>-10°C to +70°C<br>-20°C to +70°C<br>-30°C to +60°C<br>-30°C to +70°C<br>-30°C to +75°C<br>-40°C to +80°C |
| Output Voltage:  | TTL $V_{OL} = 0.4$ V Max.<br>TTL $V_{OH} = 2.4$ V Min.<br>HCMOS $V_{OL} = 10\%V_{DD}$ V Max.<br>HCMOS $V_{OH} = 90\%V_{DD}$ V Min.         |
| Frequency Trim Range With Externally Adjustable Trimmer: | ±3.0 ppm Minimum   |
| Output Load:   | 10 LS TTL, 15 pf CMOS  |
| Maximum Input Current:                                   | 20 mA  |
| Maximum Rise/Fall Time:                                  | 10 ns  |
| Duty Cycle:  | 40/60%<br>45/55%   |
| Maximum Frequency Aging at +25°C:                        | ±1 ppm/yr  |
| Storage Temperature:                                     | -40°C to +80°C   |
| Packaging:   | Tape and Reel (1K per Reel)  |

CC132



| PIN | FUNCTION    |
|-----|-------------|
| 1   | Vcontrol/NC |
| 7   | GND         |
| 8   | OUTPUT      |
| 14  | Vcc         |

