

Surface Mount VC-TCXO

- 4.5 mm height
- Tight stability available
- Sinewave output

Series **CC133**



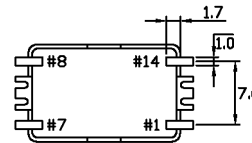
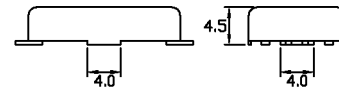
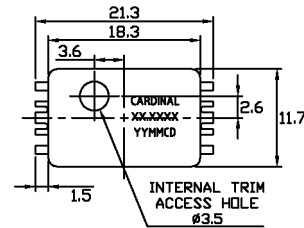
Part Numbering Example: CC133 L Z - A1 B2 - 22.5792 M

| CC133 | L | Z | A1 | B2 | 22.5792 | M |
|--------|------------------------|-----------------------------------|--|--|-----------|---------------------------|
| SERIES | VOLTAGE | PACKAGING OPTIONS | OPERATING TEMP. | STABILITY | FREQUENCY | PULL RANGE |
| CC133 | Blank = 5V L = 3.3V | Blank = Bulk Z = Tape and Reel | A2 = -10°C ~+60°C A3 = -30°C ~+75°C A5 = -20°C ~+70°C A9 = 0°C ~+50°C AA = -10°C ~+70°C AB = -30°C ~+70°C AC = -30°C ~+60°C AE = -40°C ~+80°C | B1 = ±5.0 ppm B2 = ±3.0 ppm B3 = ±2.5 ppm B4 = ±2.0 ppm B5 = ±1.5 ppm B9 = ±4.0 ppm BB = ±4.5 ppm BF = ±3.5 ppm | | L = ±10 ppm M = ±5 ppm |

Specifications:

| | |
|---|--|
| Frequency Range: | 1.000 MHz to 35.000 MHz |
| Available Stability Options: | ±1.5 ppm ±2.0 ppm ±2.5 ppm ±3.0 ppm ±3.5 ppm ±4.0 ppm ±4.5 ppm ±5.0 ppm |
| Output Series: | Clipped Sine |
| Input Voltage: | +5.0 VDC ±5% |
| Operating Temperature Range Options: | 0°C to +50°C -10°C to +60°C -10°C to +70°C -20°C to +70°C -30°C to +60°C -30°C to +70°C -30°C to +75°C -40°C to +80°C |
| Frequency Tuning Range: | ±5 ppm Min. ±10 ppm Min. |
| External Control Voltage: | +2.5 VDC, ±2.0 VDC |
| Output Voltage: | 1.0 Volt Peak To Peak Minimum |
| Frequency Trim Range With Externally Adjustable Trimmer: | ±3.0 ppm Minimum |
| Output Load: | 20K OHM Parallel with 5 pf |
| Maximum Input Current: | 3 mA |
| Maximum Frequency Aging at +25°C: | ±1 ppm/yr |
| Storage Temperature: | -40°C to +80°C |
| Packaging: | Tape and Reel (1K per Reel) |

CC133



| PIN | FUNCTION |
|-----|--------------------------|
| 1 | V _{control} /NC |
| 7 | GND |
| 8 | OUTPUT |
| 14 | V _{cc} |

