



TT4000CM

RoHS Compliant Standard

## TCXOs, VCTCXOs

### TT~VT4000 CM Series TCXO/VCTCXO

#### Stratum III, SMD

#### Features:

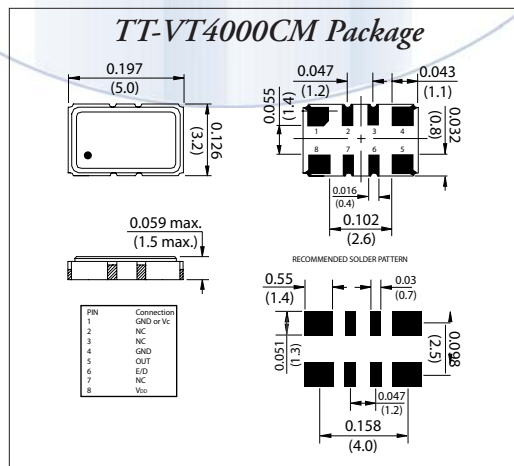
- ❖ Up to 52.00MHz
- ❖ Low Aging
- ❖ Low Stability
- ❖ CMOS Waveform

#### Model: TT/VT4000CM Stratum III Series Specification

| Parameter                     | TCXO   | VCTCXO |
|-------------------------------|--|--------|
| Frequency Range               | 10.00 - 52.00 MHz                                      |        |
| Operating Temperature Range   | -40 to 85°C  |        |
| Frequency Tolerance @ 25°C    | ±0.5 ppm max.  |        |
| Frequency Stability           |  |        |
| vs. Temperature               | ±0.5 ppm max.  |        |
| vs. Supply Voltage            | ±0.05 ppm (±5% change)                                 |        |
| vs. Load                      | ±0.05 (±10% change)                                    |        |
| vs. Aging                     | ±0.5 ppm max./ Year                                    |        |
| Supply Voltage                | +2.7 V to +5.5V  |        |
| Current Consumption           | 2.4 mA max.  |        |
| Output                        | CMOS   |        |
| Output Load                   | 15 pF  |        |
| Output Voltage                | V <sub>DD</sub> 90% min. // V <sub>DD</sub> = 10% max. |        |
| Phase Noise                   | -135 dBc/Hz @ 1 kHz                                    |        |
| Deviation (VCTCXO only)       | ±3 ppm min. // ±15 ppm max.                            |        |
| Control Voltage (VCTCXO only) | +1.5 V ±1.0V   |        |

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