MTTBS Series – 5 x 3.2 Ceramic SMD VCTCXO

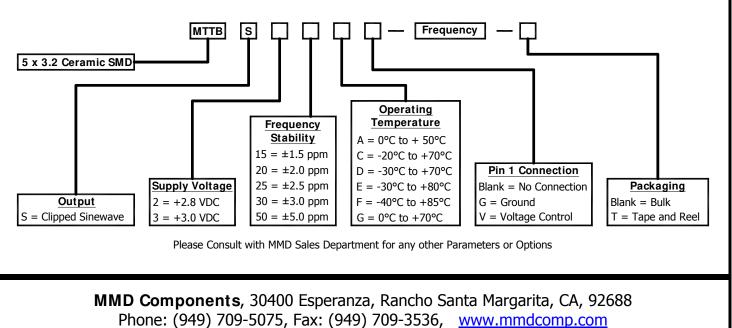


- Low Profile SMD Device
- > Hermetically Sealed
- > Tight Stability Over Temperature
- > Low Power Consumption

ELECTRI CAL SPECI FI CATI ONS:

| Frequency Range | 10.000MHZ to 32.000MHZ | |
|--|---|--------------------------------------|
| Frequency Stability vs Temperature* | (See Frequency Stability vs Temperature Table) | |
| Operating Temperature Range | (See Frequency Stability vs Temperature Table) | |
| Storage Temperature Range | -40°C to +85°C | |
| Supply Voltage (±10%) | +2.80VDC | +3.00VDC |
| Supply Current | 1.5mA max | |
| Output Type | Clipped Sinewave | |
| Output Level | 0.9 – 1.4 Vp-p | |
| Load | 10k Ohms // 10pF | |
| Harmonics | -10dBc max | |
| Control Voltage | Vc = +1.40VDC +0.40VDC to +2.40VDC | Vc = +1.5VDC +0.50VDC to +2.50VDC |
| Frequency Tunning Range | ±3 ppm to ±25 ppm | |
| Phase Noise | -135dBc/Hz max (at 1kHz offset) | |
| Start-up Time | 2ms max (Output level will be 90% from the final value) | |
| * Inclusive of Temperature., Load, Voltage and Aging | | |

PART NUMBER GUI DE:



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