



VTD3 Series

Featuring

- HCMOS in Low Profile Surface Mount
- Tape and Reel
- Reflow Solderable
- Low Cost
- < 2.0 mm Tall

Frequency Range: 10 MHz to 50 MHz

Standard Frequency: 11, 12.8, 13, 14.4, 15.36, 16.8, 19.2, 19.44, 19.68, 19.8, 20, 40, 44, 50 M Hz

Input Voltage: H = 5.0 V HCMOS

J = 3.3 V HCMOS

Pulling Range: 0 = TCXO
1 = ± 5 ppm
2 = ± 8 ppm
3 = ± 10 ppm
4 = ± 15 ppm

Stability: 1 = ± 1 ppm
B = ± 1.5 ppm
2 = ± 2 ppm
C = ± 2.5 ppm
3 = ± 3 ppm
4 = ± 4 ppm
5 = ± 5 ppm

Temperature Range: A = 0 to 55°C
B = -10 to 60°C
C = -20 to 70°C
D = -30 to 75°C
E = -40 to 85°C

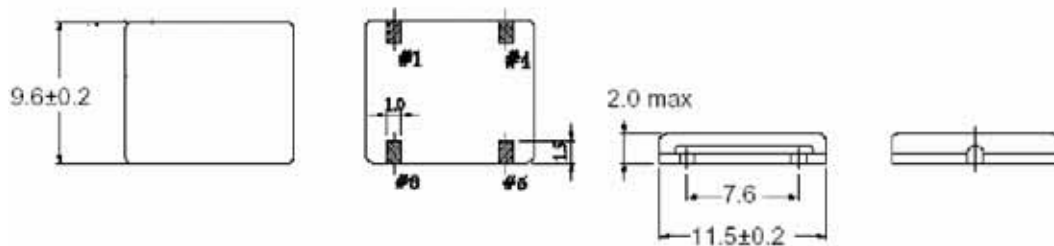
	1	B	2	C	3	4	5
A	x	x	x	x	x	x	x
B	x	x	x	x	x	x	x
C	x	x	x	x	x	x	x
D					x	x	x
E							x

Stability vs. Supply: ± 0.3 ppm max. vs. $V_{dd} \pm 5\%$

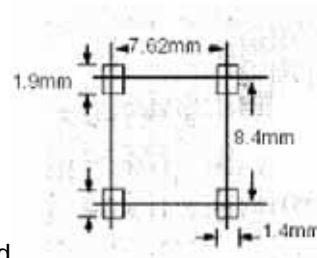
Aging (typical): < 1.0 ppm/year

Current: 15 mA max.

Phase Noise: 10 Hz: -90 dBc/Hz, 100 Hz: -120 dBc/Hz,
(Typical) 1 KHz: -140 dBc/Hz, 10 KHz: -143 dBc/Hz



UNIT: mm



Pin 1: Vcont/NC, **Pin 4:** GND, **Pin 5:** Output, **Pin 8:** Vdd