

VPE1 14 x 9.8 mm Crystal Oscillators

Featuring

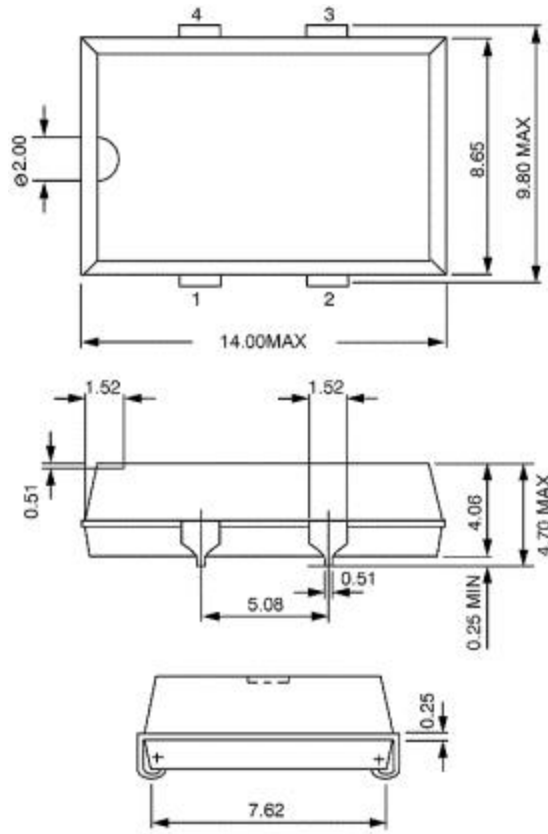
- Quick delivery
- Wide output frequency range up to 125 MHz
- Stabilities of ± 50 , ± 100 PPM
- 3.3 or 5.0 Vdc Option
- HCMOS/TTL Compatible



Frequency Range	1 MHz to 125 MHz
Package Options	E1 = 14 x 9.8 x 4.7 mm tall 4 pads
Voltage Options/ Load Drive	A = +5.0 Vdc $\pm 10\%$ 15pF B = +3.3 Vdc $\pm 10\%$ 15pF E = +5.0 Vdc $\pm 10\%$ 50pF (Non Standard)
Electrical Options	1 = Tristate 60/40 Symmetry 3 = Tristate 55/45 Symmetry (Non Standard)
Tristate	N/C = OUTPUT Logic 1 = OUTPUT Logic 0 = High Impedance
Stability Options	A = ± 100 PPM 0°C to +70°C B = ± 50 PPM 0°C to +70°C C = ± 100 PPM -40°C to +85°C D = ± 50 PPM -40°C to +85°C
Start-Up	10 ms Maximum
Standard Load	HCMOS/TTL
Total Jitter	300 ps peak to peak
Standard Packaging	Bulk
Typical P/N	VPE1-B1B-40M000 E1 = 14 x 9.8 x 4.7 mm tall 4 pads B = +3.3 Vdc $\pm 10\%$ 15pF 1 = Tristate 60/40 Symmetry B = ± 50 PPM 0°C to +70°C

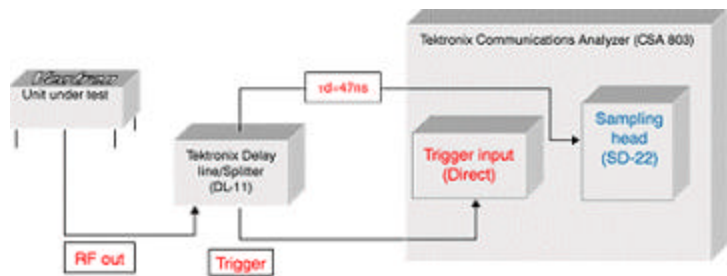
1. As measured in a test circuit below.

2. Non Standard items may have limited frequency availability and most likely slightly longer lead times.



Pin #	Function
1	NC/3-State
2	GND
3	OUT
4	VDD

Dimensions in Millimeters



Jitter Test Circuit