



SPECIFICATIONS

Frequency:	10.0MHz to 100.0MHz
Output:	Square Wave, HCMOS
Load:	15pF ±10%
Symmetry:	50%±10%
Rise/Fall Time:	≤10ns
Temperature Stability:	see table
Frequency vs. Supply:	±1x10 ⁻⁷ for a 5% change
Ageing:	<1.0ppm/year
Supply Voltage:	+3.3V or +5.0VDC±5%
Input Current:	30mA max.
Frequency Adjust:	±6ppm typical, positive slope, 0V to supply voltage EFC

Environmental

Vibration:	per MIL-STD-202, Meth. 202, 201A
Shock:	per MIL-STD-202, Meth. 213, Cond. K

Storage Temperature: -55° to +85°C

Designed and manufactured by Greenray Industries Inc.

STABILITY OVER TEMPERATURE

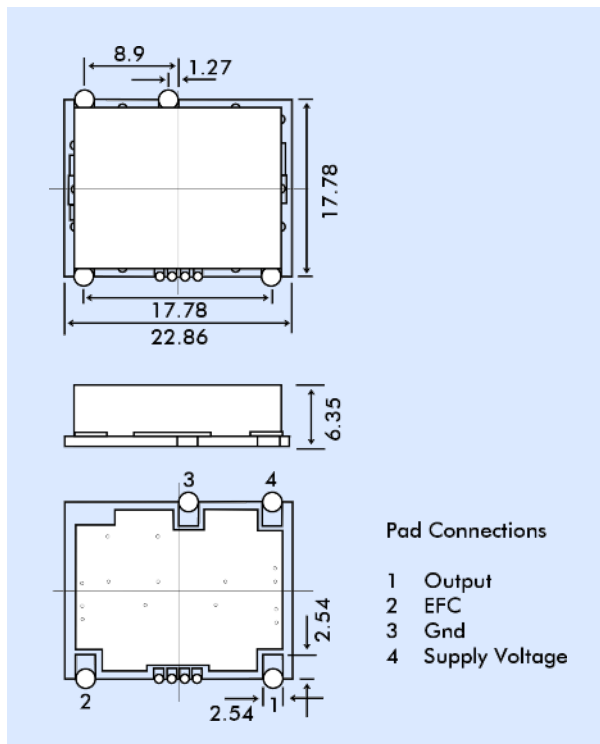
Temp. Range	Tolerance	Option Code
-40°~+85°C	±5x10 ⁻⁷	T57
-40°~+85°C	±1x10 ⁻⁷	T16

Ramp-up rate of up to 5°/minute. Part shall meet specification within 1 minute of turn-on.

PHASE NOISE (Typical)

Offset	dBc/Hz (10.0MHz)	dBc/Hz (100.0MHz)
10Hz	-95	-70
100Hz	-125	-100
1kHz	-145	-125
10kHz	-155	-145
100kHz	-155	-160

T120 - OUTLINES AND DIMENSIONS



PART NUMBERING

Example: **T120-T57-3.3-70.0MHz**

