



T75 Series TCXO

10 MHz to 50 MHz
(Rev. A)

GREENRAY INDUSTRIES, INC.

PRECISION QUARTZ TECHNOLOGY

SPECIFICATIONS

Very Rugged TCXO
Tight Temp Stability

Frequency	10.0 MHz to 50.0 MHz		
Output	HCMOS or Clipped Sinewave		
Symmetry	50% ± 10% (HCMOS)		
Output Level	SINE - +0.8V p-p typ into 10pF/100k ohm load; HCMOS – T75 - +0.2V max to +2.8V min; T76 - +0.2V max to +4.2V min (15pF load)		
Temp Stability (other stabilities available)	Temp Range	Tolerance	Option
	-10°C to +60°C	±0.3 ppM	G37
	-20°C to +70°C	±0.5 ppM	N57
	-40°C to +85°C	±0.5 ppM	T57
	-40°C to +85°C	±1.0 ppM	T16
	-55°C to +95°C	±2.0 ppM	V26
Aging	<1 ppM/yr (10 MHz typ)		
Freq Adjust	±4 ppM typ via 0 to V _{cc} control V, positive slope		
Supply Voltage	+3.3 VDC ± 5% or +5.0 VDC		
Supply Current	< 6mA for HCMOS; < 2mA for SINE		
Environmentals			

Vibration – per MIL-STD-202G, Meth 214, Cond I-F

Shock - per MIL-STD-202G, Meth 213, Cond F

(Shock level available up to 100000g!)

Ordering Information:

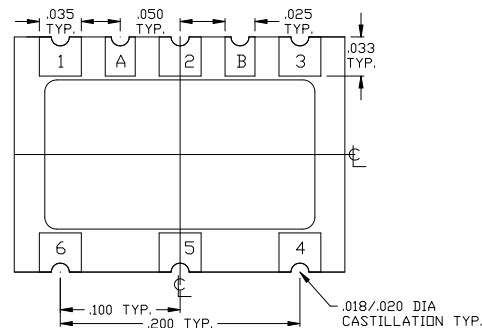
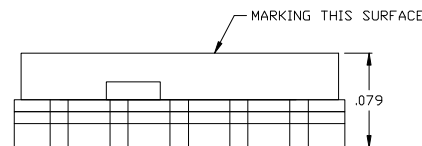
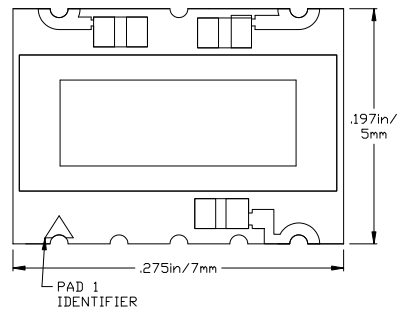
Model	Input V	Output
T75	+3.3V	HCMOS
T76	+5.0V	HCMOS
T77	+3.3V	SINEWAVE
T78	+5.0V	SINEWAVE

Ordering Example:

T75-T57-20.0MHz
(Model-Stability-Freq)

Pad Connections

- 1 - EFC
- 2 - Internal Use Only
- 3 - 0 V & Case Gnd
- 4 - Output
- 5 - Tri-State (enable Hi or float)
- 6 - VSupply
- A - Internal Use Only
- B - Internal Use Only



To inquire about available custom parameters, please contact us at sales@greenrayindustries.com.

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