

# General Electronic Devices

Makers of active and passive components  
Quartz Crystal \* Oscillators \* Synthesizer \* Filters  
Micro-Hybrid Assembly Services

## TCXO 100.1 MHz to 250 MHz

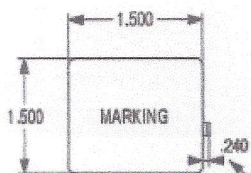
Temperature Compensated Crystal Oscillator

P/N: 1076

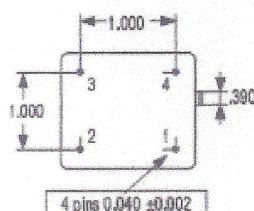
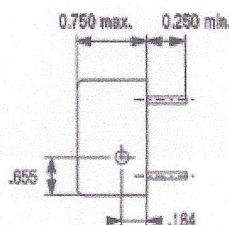


### TCXO - Electrical Specifications

Supply voltage : from + 10 volts to + 18 volts +/- 5%  
Current : 40 mA typical  
Output : + 7 dBm typical min.  
Harmonics : -25 dBc typical :  
Mechanical adjustment : typical +/- 5 ppm  
Operating temp : -40 C to + 85 C  
Freq. stability over the temp : +/- .3 ppm typical max  
PKG : 1.5 x 1.5 x .65 inches max. can be customized  
Phase noise : 10 Hz offset -75 dBc/hz  
100 " " -105 " "  
1000 " " -130 " "  
10 kHz and beyond -140 dBc /hz  
Load VSWR: 1.4 :1 typical  
Freq. Pushing +/- .2 ppm typical



Mechanical adjustment point - unless otherwise specified.



Pin connections:  
1 = Supply voltage  
2 = Ground  
3 = Ground  
4 = Output

Height can be  
customized, pin outs  
can be changed.

| General Electronic Devices |                           |
|----------------------------|---------------------------|
| TCXO                       | Date :                    |
| Scale : N/A                | Tolerance : ±0.020 inches |
| Dimensions : inches        | Approved :                |