Ceramic Surface Mount TCXO
Sinewave Output

*** Fast Delivery**

Applications

- *** Communications**
- *** Routers**
- *** Switches**
- *** WAN Interfaces**
- *** Aerospace**
- *** Military/Space**

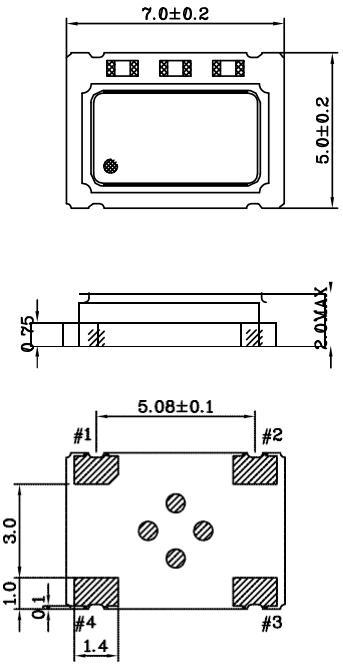
RoHS COMPLIANT 2002 / 95 / EC

Part Numbering Example: CTSN5M - XX.XXXX M

CTS		N	5	M	22.5792M
SERIES	VOLTAGE	OPERATING TEMP.	STABILITY	GRADE	FREQUENCY
CTS	Blank = 5.0V L = 3.3V	I=-30°C ~ +75°C N=-40°C ~ +85°C	5 = ±5.0 ppm 6 = ±3.0 ppm 7 = ±2.0 ppm 8 = ±1.0 ppm	I =Industrial Std M=MIL-STD-883B	9.600 ~32.000 MHz

Specifications:

Frequency Range:	9.600 MHz to 32.000 MHz
Available Stability Options:	±5.0 ppm ±3.0 ppm ±1.0 ppm
Input Voltage:	+5.0 VDC ±5% +3.3 VDC ±5%
Operating Temperature Range Options:	 -30°C to +75°C -40°C to +75°C
Output Voltage:	1.0 Volt Peak to Peak Minimum
Frequency Trim Range With Externally Adjustable Trimmer:	± 3.0 ppm Minimum
Output Load:	10K OHM Parallel with 10 pf
Maximum Input Current:	2.0 mA
Maximum Frequency Aging at +25°C:	±1 ppm/yr
Freq. Stability Vs. Change of Input Voltage of ±5%:	±0.3 ppm
Output Series:	Clipped Sine



PIN CONNECTION
#1 V.C or N.C
#2 GND
#3 OutPut
#4 Vcc

Environmental And Mechanical	
Mechanical Shock	Per MIL-STD-883 ,Method 2002 ,Cond.B
Thermal Shock	Per MIL-STD-883 ,Method 1011 ,Cond.A
Vibration	Per MIL-STD-883 ,Method 2007 ,Cond.A
Seal	Per MIL-STD-883, Method 1014, Condition B & C
Solderability	Per MIL-STD-883 ,Method 2003 ,Cond.A

Recommended soldering pattern