

### CFXO FULL SIZE THRU-HOLE CRYSTAL CLOCK OSCILALTOR

20.5 x 12.8 x 5.3 mm



**APPLICATIONS:**

Test Equipment  
Control Board

**FEATURES:**

HCMOS Full Size 14Pin  
Tristate Enable/Disable options

### PART NUMBERING GUIDE

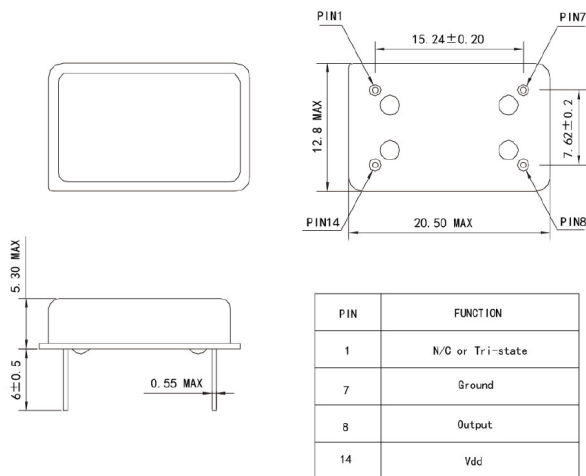
CFXO — ..... — ..... — ..... — ..... — ..... — TS

Frequency (MHz)	Supply Voltage	Freq. Stability	Operating Temp.	Symmetry (@ 1/2 Vdd)	Tri-state Function
	3.3= +3.3V 5.0= +5.0V	S3: ± 30ppm S4: ± 50ppm S5: ± 100ppm	A1: -10°C to +60°C A2: -10°C to +70°C A3: -20°C to +70°C A4: -20°C to +85°C A5: -30°C to +85°C A6: -40°C to +85°C	Blank= 40/60% 45 = 45/55%	TS=Tri-state Blank= No Tri-state

### ELECTRICAL CHARACTERISTICS

PARAMETERS	SPECIFICATION
Frequency Range	1.000 ~ 100.000 MHz
Frequency Stability	± 30 ppm ~ ± 100 ppm
Supply Voltage(Vdd)	+3.3V or +5.0V ±10%
Operating Temperature	- 10 to + 60°C ~ -40 to +85°C
Storage Temperature	- 40°C to + 85°C ~ - 55°C to + 125°C
Symmetry (@ 1/2Vdd)	40/60% (Standard) or 45/55%
Output Load	CMOS 15pF
Output Level	VOH: ≥ 0.9*Vdd                      VOL: ≤ 0.1*Vdd
Current Comsumption	1.000 MHz ~ 10.000 MHz = 10mA Max    +3.3V, +5.0V
	10.000 MHz ~ 40.000 MHz = 20mA Max    +3.3V, +5.0V
	40.000 MHz ~ 60.000 MHz = 30mA Max    +3.3V
	40.000 MHz ~ 60.000 MHz = 35mA Max    +5.0V
	60.000 MHz ~ 100.000 MHz = 40mA Max    +3.3V
	60.000 MHz ~ 100.000 MHz = 60mA Max    +5.0V
Rise Time/ Fall Time (Tr/Tf)	10 nS Max.
Tri-state Function	PIN# 1 (High or Open) ==> PIN# 3: Oscillation PIN# 1 (Low) ==> PIN# 3: High Impedance

### OUTLINE DRAWING: mm



If you require further assistance, please feel free contact us at antonio@asiastek.com

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