



## Data Sheet: OCXO 122.88MHz

P/N: C2525-C500A1-122M880

### 1 ELECTRICAL SPECIFICATION

PARAMETER		CHARACTERISTIC
Output	Nominal Frequency	122.88 MHz
	Waveform	Sine wave
	Level	≥ 8 dBm
	Harmonics	≤ -30 dBc
	Spurious	≤ -75 dBc
Frequency Stability	Vs. Temperature	± 0.5ppm ( -20°C~+70°C, referred to +25°C)
	Vs. Load	± 0.05ppm (Max) / 50Ω ± 5%
	Vs. Supply Changes	± 0.05ppm (Max) / VDC ± 5%
	Vs. Ageing Per Year	± 0.2ppm (after 30 working days, typical)
Phase Noise	100Hz	-120dBc / Hz
	1kHz	-155dBc / Hz
	10kHz	-160dBc / Hz
	20kHz	-165dBc / Hz
Mechanical Tuning		No
Electrical Tuning Range		≥ ± 0.5ppm (0-8V, positive slope)
Freq. Control Input Impedance		≥ 100 kΩ
Crystal Type		SC
Input Power	Voltage	+12 VDC ±5%
	Warm-up Power	≤ 5 Watts for 3 minutes
	Total Power Typical	≤ 2 Watts at 25°C

### 2 ENVIRONMENTAL CONDITIONS

Humidity	GJB360A-96, Method 103, Condition A (+40 °C ± 2 °C ; 90%~95%R.H.; non-condensing, 96 hours)
Storage temperature	-50°C~+85°C
Vibration (non-operating )	GJB360A-96, Method 201 (0.75mm total p-p, 10Hz~55Hz)
Shock (non-operating )	GJB360A-96, Method 213, Condition J (30g, 11ms, half-sine)



### 3 PACKAGE

