

OVEN CONTROLLED CRYSTAL OSCILLATORS

OC800



FEATURES

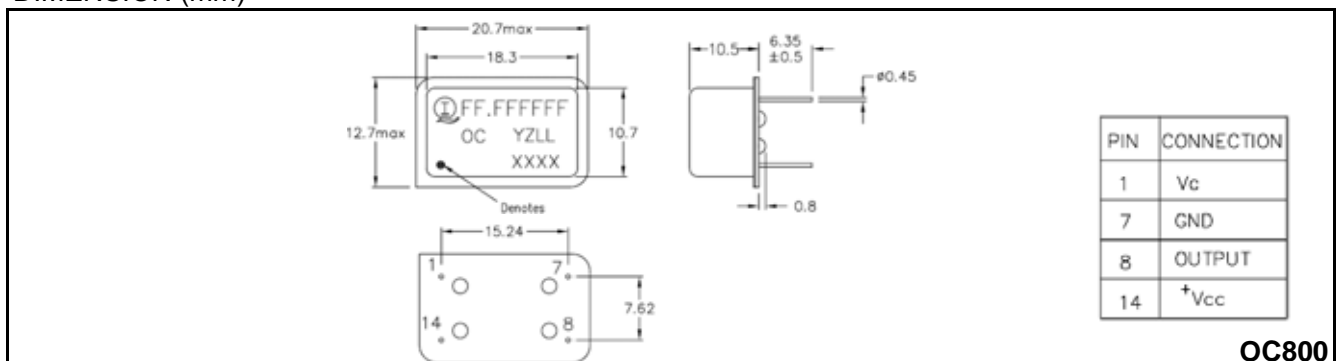
- SC / AT-Cut Crystal
- High precision
- Fast warm up
- Low power consumption



Item	Specifications	
Frequency Range	10.0MHz ~ 20.0MHz	
Initial Stability	±500ppb	
Frequency Stability		
vs Operating Temperature	±500ppb	
vs Load Variation ±10% (50Ω Load)	±20ppb	
vs Supply Voltage Variation ±10%	±20ppb	
Long Term Stability Per Year	±0.5ppm	
Operating Temperature	-20°C to +70°C	
Storage Temperature	-40°C to +85°C	
Frequency Adjustment	±5ppm	
Supply Voltage	5.0Vdc ± 5%	
Current Consumption at 25°C	220mA Max.	
Current Consumption at Warm Up	500mA Max.	
Output Signal	CMOS	
Control Voltage Range	2.5V ±2.0V	
Slope	Positive	
Warm Up Time (Within 1×10^{-7})	5 Min Max.	
Input Impedance	10KΩ Min.	
Phase Noise	10Hz	-100dBc/Hz
	100Hz	-125dBc/Hz
	1KHz	-135dBc/Hz
	10KHz	-145dBc/Hz
	100KHz	-150dBc/Hz

Please consult our sales representatives for other specifications.

DIMENSION (mm)



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All specifications are subject to change without notice.



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