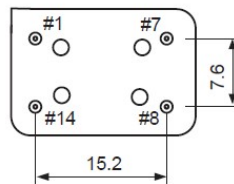
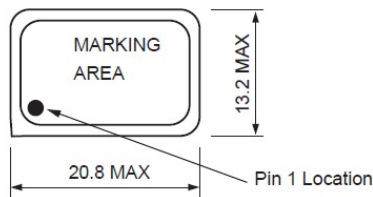




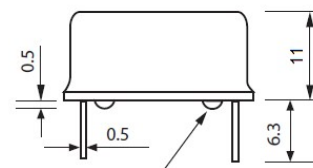
Data Sheet: OCXO 100MHz

Part Number: C2113-B300C1-100M000

Parameter	Type	Unit	Condition
Output Frequency	100	MHz	
Power Supply	5.0	V	
Current Consumption	600	mA	warm-up
Current Consumption	250	mA	@ 25 °C
Reference Voltage	5.0	V	
Aging	200	ppb	Per year, after 14 days
Output Level	7	dBm	vs. 50 Ω
Harmonic Attenuation	-30.00	dBc	
Spurious Attenuation	-70.00	dBc	
Electronic Freq. Control (EFC) Range	±1	ppm	0.0-5.0 v
Initial Tolerance	±200	ppb	25°C/ 2.5 V
Stability vs. Load Change	±10	ppb	±5%
Stability vs. Supply Voltage Variation	±10	ppb	±5%
Stability vs. Temperature	±300	ppb	-55 -+85°C
Allan Variance	0.01	ppb/s	
Phase Noise	-90	dBc/Hz	10Hz
	-120	dBc/Hz	100Hz
	-155	dBc/Hz	1KHz
	-155	dBc/Hz	10KHz
Operating Temperature	-55 -+85	°C	
Storage Temperature	-55 -+125	°C	
Humidity	GJB360A-96, Method 103, Condition A, (+40°C ±2°C; 90%~95%R.H.; non-condensing, 96 hours)		
Mechanical Shock (non-operation)	GJB360A-96, Method 213, Condition J, (30g, 11ms, half-sine)		
Vibration (non-operation)	GJB360A-96, Method 201, (0.75mm total p-p, 10Hz~55Hz)		
Dimension	20.8x13.2x11 mm		



Pin Connections
 #1: Vc or N/C
 #7: Case, Ground
 #8: Output
 #14: Vcc



Glass Standoffs

Lead - Kovar; Finish - Ni Plated

All dimensions are typical unless otherwise specified

Dimensions in Millimeters