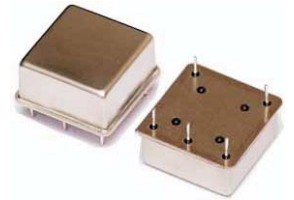


FEATURE

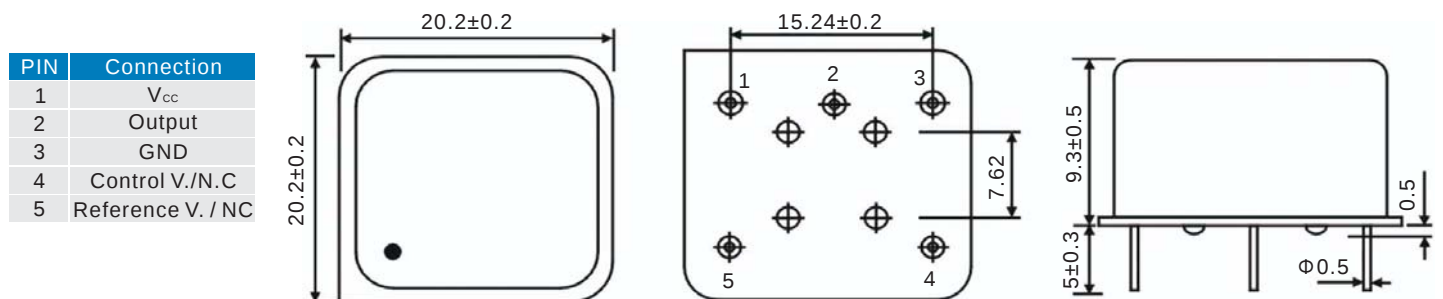
- Oven Controlled Crystal Oscillator (OCXO).
- High Stability.
- Low Phase Noise.
- RoHS Compliant / Pb Free.



ELECTRICAL SPECIFICATIONS

Frequency Range		10.000MHz ~ 60.000MHz	
Model		AT cut	SC cut
Supply Voltage V _{cc}		3.3V, 5.0V, 12V	
Temperature Range		0°C ~ +70°C, -20°C ~ +70°C, -40°C ~ +85°C	
Temperature Stability		100ppb, 250ppb	20ppb, 50ppb, 100ppb
Aging / Day		0.5ppb to 0.01ppm	
Aging / year		0.5ppm to 1ppm	
Warm-up Power		5W	
Warm-up Time		5 minutes to better than ±100ppb of final frequency (4 hours reading) @25°C	
Steady State Power(25°C)		1W to 1.5 W @25°C	
Aging Adjustment		External potentiometer/ DAC/Synchronization	
Adjustment Range		0.5ppm Min. 4.0ppm Max.	
Center Voltage		2.5V for 5V, 12V Input	
		1.65V for 3.3V Input	
Slope		Positive	
Output Wave Form		HCMOS	
Output Load		15pF HCMOS	
Phase Noise @ (at 10.000Mhz)	1Hz	-65 dBc/Hz	-90 dBc/Hz
	10Hz	-90 dBc/Hz	-115 dBc/Hz
	100Hz	-125 dBc/Hz	-135 dBc/Hz
	1KHz	-135 dBc/Hz	-140 dBc/Hz
	10KHz	-145 dBc/Hz	-145 dBc/Hz
	100KHz	-145 dBc/Hz	-145 dBc/Hz

DIMENSIONS & REFLOW CONDITION



PART NUMBER

GMK-OCXO2020-	25.000	-	50	-	12	-	B
	Frequency 25.000MHz		Temp. Stability 50ppb		Supply Voltage 12V		Operating Temp A:0~70°C B:-20~70°C C:-40~85°C