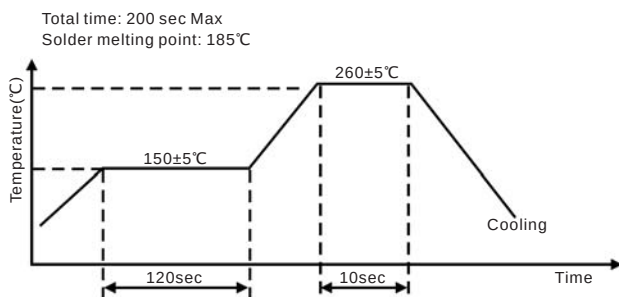


FEATURE

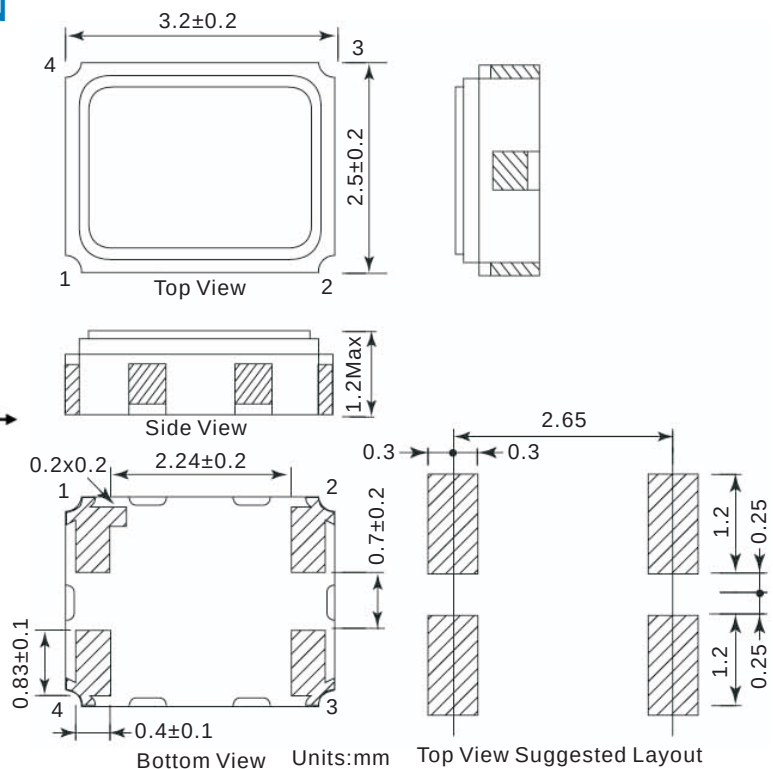
- Voltage Controlled Temperature Compensated Crystal Oscillator(VCTCXO).
- Tight Stability and Wide Pull Range.
- Tight Symmetry Option.
- RoHS Compliant / Pb Free.

**ELECTRICAL SPECIFICATIONS**

Frequency Range		8.000MHz ~ 52.000MHz
Typical Frequency		13.000MHz, 19.200MHz, 19.680MHz, 26.000MHz
Supply Voltage V_{CC}		+1.68V to +3.3V
Operating Temperature		-10°C ~ +60°C to -40°C ~ +85°C
Storage Temperature		-40°C ~ +85°C / -55°C ~ +125°C
Load		(10K Ω //10pF) $\pm$ 10%
Frequency Tolerance(at 25°C)		$\pm$ 2.5ppm Max
Frequency Stability Vs Temp		$\pm$ 0.5ppm to $\pm$ 2.5ppm
Frequency Stability Vs Input V.		$\pm$ 0.1ppm Max ($V_{CC}\pm 5\%$)
Frequency Stability Vs Load		$\pm$ 0.2ppm Max ((10K Ω //10pF) $\pm$ 10% each)
Frequency Stability Vs Aging		$\pm$ 1ppm per year Max
Supply Current (I_{CC})		2.0mA Max
Phase Noise	100Hz offset typical	-115dBc / Hz Max
	1KHz offset typical	-125dBc / Hz Max
	10KHz offset typical	-135dBc / Hz Max

DIMENSIONS & REFLOW CONDITION

PIN	Connection
1	N.C/Control V.
2	GND
3	Output
4	V_{CC}

**PART NUMBER**

GMK-VCTCXO3225-	25.000	2.0	3.3	B
	Frequency 25.000MHz	Freq. Stability VsTemp. 2.0ppm	Supply Voltage 3.3V	Operating Temp A: -10~60°C B: -20~70°C C: -40~85°C