

Voltage Controlled Oscillator

Surface Mount

Model: DSX1066-A

Application - WIRELESS

- ♦ Base Station
- ♦ Transmit Receive Modules

Benefits

- ♦ Low Phase Noise
- ♦ Standard Package

Features

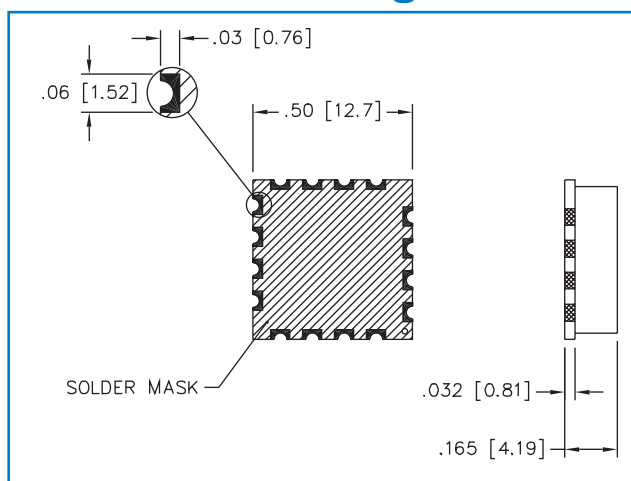
- ♦ Pick and Place Assembly
- ♦ Tape and Reel Available



Specifications

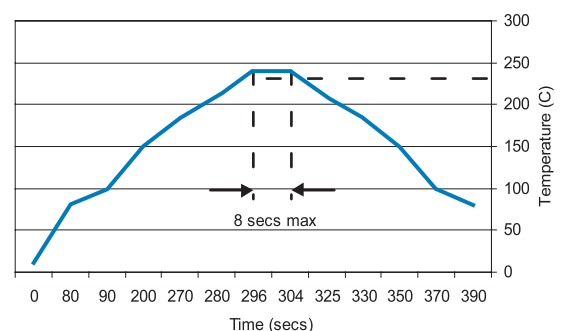
Parameter	Specification	Units
Operating Frequency	1805 to 1880	MHz
Bandwidth	75	MHz
Tuning Voltage	1.0 - 5.0	V
Phase Noise	105	dBc/kHz @ 10 kHz
Harmonics, (Spurious Free in Control Range)	17	dBc
Output Power	3	dBm
Operating Temperature	-10 to +70	°C
Operating Voltage	8.0	V
Operating Current	25	mA
Pulling	2.0:1	MHz @ RL=12 dB
Pushing	1.5	MHz/V

Drawing



Test Data

Suggested Reflow Temperature Profile for SMD VCOs



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