

# OSC53 - High Frequency

HIGH FREQUENCY OSCILLATOR

SMD



**TYPICAL APPLICATIONS**

Palmtop Computer, Portable Application, PCMCIA Cards Disc Drives

**FEATURES**

Ceramic SMD Package, Glass Sealed, High Performance, CMOS Compatible, RoHS Compliant Standard

**DIMENSION**

7.0x5.0x1.6[mm]

**TYPICAL SPECIFICATIONS**

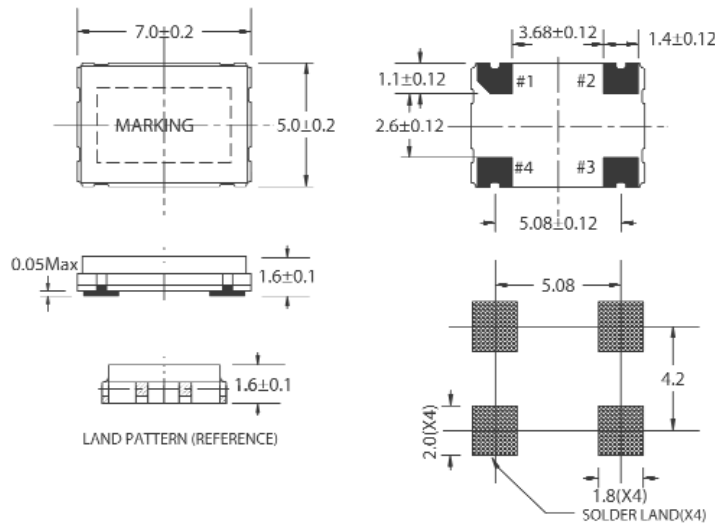
Model	OSC53 - High Frequency	
Nominal Frequency Range	100MHz ~ 160MHz	
Standard Frequency	20, 25, 27, 44, 48, 50, 66MHz	
Frequency Stability	±20 ppm, ±25 ppm, ±30 ppm, ±50 ppm, ±100 ppm	
Aging (+25°C)	±5 ppm / year Max.	
Temperature Range	Operating	-10°C ~ +70°C, -20°C ~ +75°C, -40°C ~ +85°C
	Storage	-55°C ~ +125°C
Power Supply Voltage (VDC)	+3.3V(±10%)	
Current Consumption	45mA Max	
Output	Load	15pF Max.
	Level	CMOS
	Symmetry	40% ~ 60% @ 1/2Vcc
	Rise & Fall Time	10ns Max.
	Voltage	i0i level i1i level
Input Current when Disable	15µA Max.	
Phase Delay Time	10ms Max.	
Period Jitter RMS	3ps Max.	
Phase Jitter RMS	1ps Max. Fj=12k~20MHz	

Please consult with our sales department for other parameters.

Package quantity 1,000 pcs or 3,000 pcs max./reel.

**OUTLINE DIMENSIONS**

Unit:mm



PIN NO	CONNECTION
# 1	N.C.( INH )
# 2	GND
# 3	OUTPUT
# 4	+Vcc

All specifications are subject to change without notice.