

OSC54-Programmable

CRYSTAL OSCILLATOR

SMD



TYPICAL APPLICATIONS

Palmtop Computer, Portable Application, PCMCIA Cards Disc Drives

FEATURES

Miniature, Ceramic SMD Package, Glass Sealed, Frequency Rewritable, Wide Frequency Range Application, Low Power Consumption, Low Jitter with New Developed IC, Short Lead Time, RoHS Compliant Standard

DIMENSION

7.0x5.0x1.6[mm]

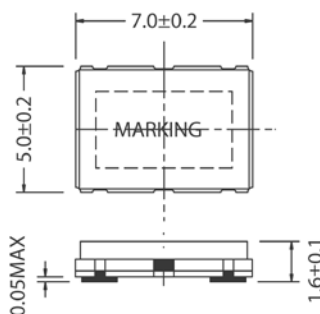
TYPICAL SPECIFICATIONS

Model		OSC54			
Nominal Frequency Range		1.0~200MHz		1.0~80MHz	
Frequency Stability		±50 ppm, ±100 ppm			
Aging (+25°C)		±5 ppm / year Max.			
Temperature Range	Operating	-20°C ~ +75°C			
	Storage	-55°C ~ +125°C			
Power Supply Voltage(VDC)		+3.0V(±10%), +3.3V(±10%), +5.0V(±10%)			
Current Consumption	3.0V, 3.3V	5.0V	3.0V, 3.3V	5.0V	
	30mA Max.	50mA Max.	20mA Max.	30mA Max.	
Output Load	Level	15pF Max.		50pF Max.	
	Symmetry	CMOS		CMOS	
Voltage	Symmetry	45%~55%@ 1/2Vcc	40%~60%@ 1/2Vcc	40%~60%@ 1/2Vcc	45%~55%@ 1/2 Vcc
		1~80MHz	80~130MHz	130~200MHz	
		“0” level	Vol : 0.1Vcc Max.		
	“1” level	Voh : 0.9Vcc Min.			
Period Jitter RMS		100ps, 200ps, 250ps Max.			
Start-up Time		10ms Max.			

Please consult with our sales department for other parameters.

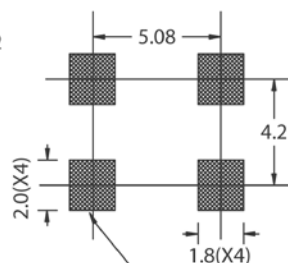
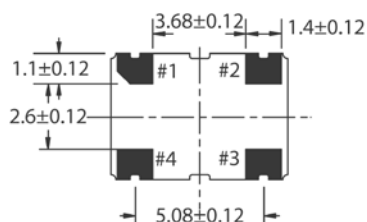
Package quantity 1,000 pcs or 3,000 pcs max./reel.

OUTLINE DIMENSIONS
Unit:mm



PIN NO	CONNECTION
# 1	INH
# 2	GND
# 3	OUTPUT
# 4	+Vcc

LAND PATTERN (REFERENCE)



All specifications are subject to change without notice.