

OSC53 - 5.0V

LOW VOLTAGE OSCILLATOR

SMD



TYPICAL APPLICATIONS

PC main board, VGA card

FEATURES

7.0x5.0x1.6[mm]

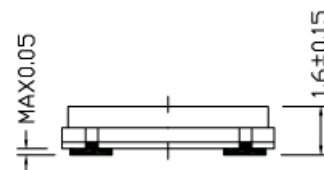
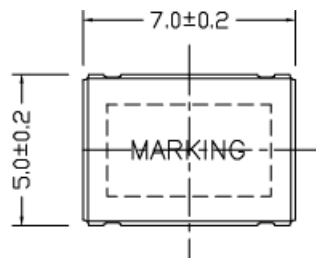
TYPICAL SPECIFICATIONS

Nominal frequency range		1.8MHz ~ 80MHz	1.8MHz ~ 66MHz	1.8MHz ~ 35MHz
Frequency stability		±20, ±25, ±30, ±50, ±100		
Temperature range(°C)	Operating	-10°C ~ +60°C, -20°C ~ +75°C, -40°C ~ +85°C		
	Storage	-55°C ~ +125°C		
Power Supply Voltage (Vdd)		5.0±10%		
Current consumption		10mA Max.: 1.8~30MHz	20mA Max.: 1.8~20MHz	20mA Max.: 1.8~20MHz
		15mA Max.: 30~50MHz	35mA Max.: 20~50MHz	35mA Max.: 20~35MHz
		30mA Max.: 35~66MHz	60mA Max.: 50~66MHz	
		50mA Max.: 66~80MHz		
Output level		CMOS	CMOS	CMOS
Load		15pF Max.	50pF Max.	50pF Max.
Output voltage	“0” level	VOL : 0.1Vdd Max.		
	“1” level	VOH : 0.9Vdd Min.		
Rise & fall time		10nS Max		
Symmetry (%)		40 ~ 60% at ½ VDD		
Input Current When Disable		-	-	10 uA Max.
Phase Delay Time		100nS Max.		10mS Max.
Period Jitter RMS pk-pk		10ps Max, 6.5ps Typical		

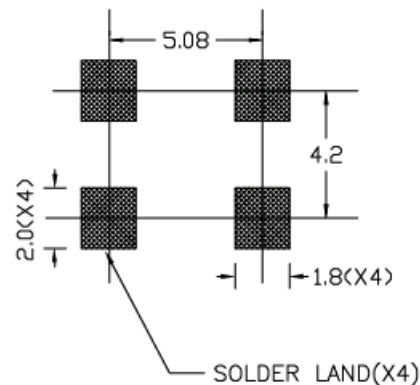
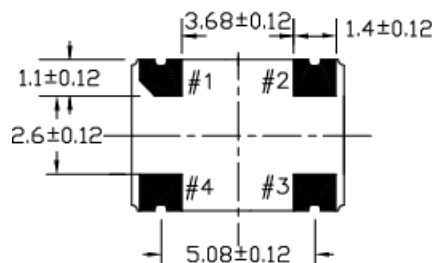
* Please consult with us for other specification.

OUTLINE DIMENSIONS

Unit:mm



LAND PATTERN (REFERENCE)



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