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SMD 5.0x3.2 Crystal Oscillator

MODEL NO.:

REV. NO.:0

Features:

- Surface Mount Seam Weld Package
- Good Frequency Perturbation and Stability over temperature
- Ultra Miniature Package

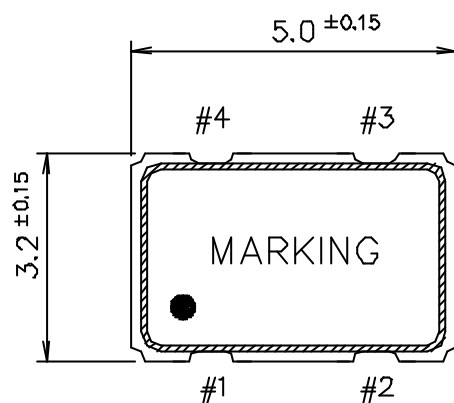
Description and Applications:

Surface mount 5.0mmx3.2mm crystal oscillator for use in wireless communication devices, especially for a need of ultra miniature package for mobility such as WLAN card

Electrical Specifications:

	Specification
Nominal Frequency	1.5 ~100 MHz
Storage Temperature Range	-40°C to +85°C
Operating Temperature Range	-10°C to +70°C
Frequency Stability over Operating Temperature	+/-25 ppm, +/-50 ppm, +/-100 ppm
Frequency Make Tolerance	+/-25 ppm, +/-50 ppm, +/-100 ppm
Output Load	15 pF
Supply Voltage	3.3V, 5.0V
Rise Time and Fall Time	10 ns (6.0ns typical)
Start up Time	10ms MAX
Current Consumption	15 ~ 45 mA
Symmetry (Duty Cycle)	40% min, 60% MAX
Output level "low" / "High"	10% Vdd / 90% Vdd
Aging	±5 ppm/year @25°C

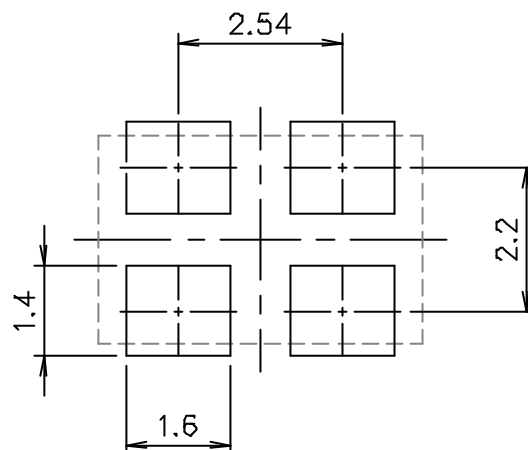
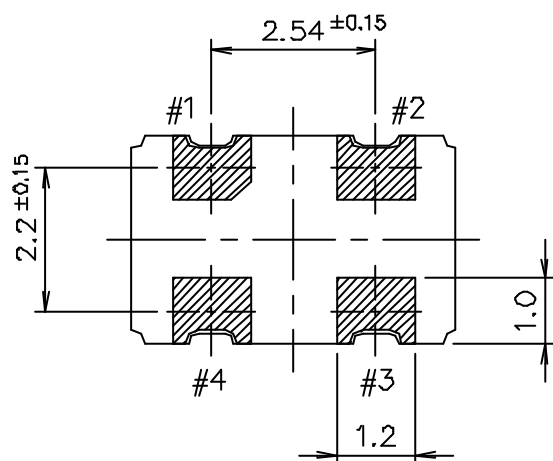
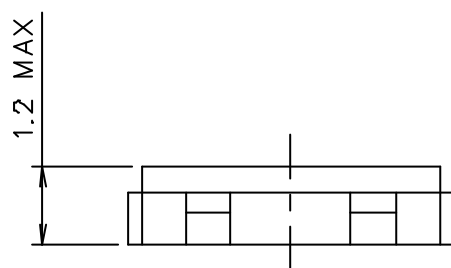
Mechanical Dimensions (mm):



UNIT: mm

PIN# FUNCTION

1	NO CONNECT/3-STATE
2	CIRCUIT AND COVER GROUND
3	OUTPUT
4	VDD



Recommended Soldering Pattern