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SMD 7.0x5.0 Crystal Oscillator

MODEL NO.:

REV. NO.: 0

Features:

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

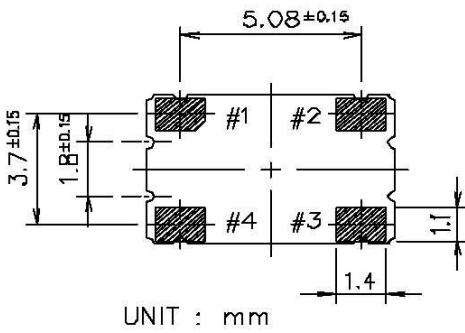
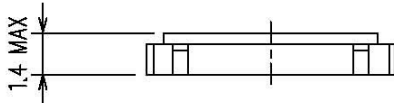
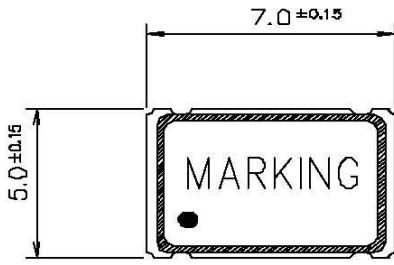
Description and Applications:

Surface mount 7.0mmx5.0mm crystal oscillator for use in wireless communication devices, especially for a need of ultra miniature package for mobility such as WLAN card

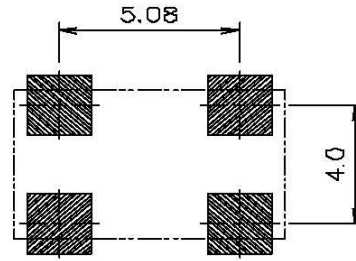
Electrical Specifications:

	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 ~ 50pF
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



Recommended Soldering Pattern

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