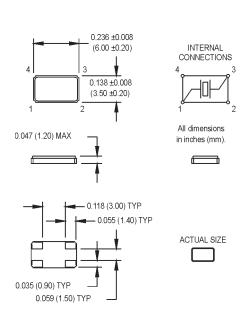
PP Surface Mount Crystals 3.5 x 6.0 x 1.2 mm



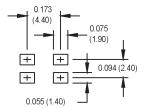








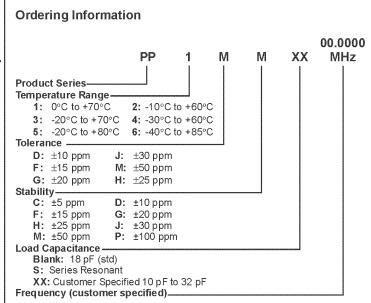




Available Stabilities vs. Temperature

T	С	D	F	G	J	М
1	N	Α	Α	Α	Α	Α
2	Α	Α	Α	Α	Α	Α
3	N	Α	Α	Α	Α	Α
4	N	N	N	N	Α	Α
5	N	N	N	N	Α	Α
6	N	N	N	Α	Α	Α

A = Available N = Not Available



M1003Sxxx - Contact factory for datasheet.

Electrical/Environmental Specifications

PARAMETERS	VALUE		
Frequency Range*	10.000 to 180.000 MHz		
Tolerance @ +25°C	See ordering information		
Stability	See ordering information		
Aging	±2 pp m/yr. Max.		
Shunt Capacitance	5 pF Max.		
Load Capacitance	See ordering information		
Standard Operating Conditions	See ordering information		
Storage Temperature	-40°C to +85°C		
Equivalent Series Resistance (ESR), Max.			
Fundamental (AT-cut)			
10.000 to 12.999 MHz	80 Ω Max.		
13.000 to 13.999 MHz	50 Ω Max.		
14.000 to 19.999 MHz	40 Ω Max.		
20.000 to 45.000 MHz	30 Ω Max.		
Third Overtones (AT-cut)			
40.000 to 150.000 MHz	50 Ω Max.		
Fifth Overtones (AT-cut)			
100.000 to 180.000 MHz	90 Ω Max.		
Drive Level	100 μW Max.		
Mechanical Shock	MIL-STD-202, Method 213, C		
Vibration	MIL-STD-202, Method 201 & 204		
Thermal Cycle	MIL-STD-883, Method 1010, B		

^{*}Because this product is based on AT-strip technology, not all frequencies in the range stated are available. Contact the factory for availability of specific frequencies.





