# PP Surface Mount Crystals 3.5 X 6.0 X 1.0 mm

## Mtro

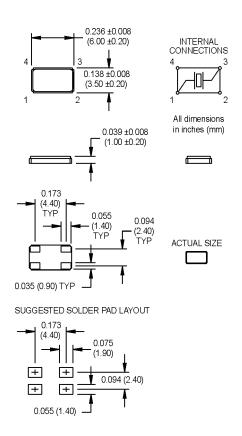


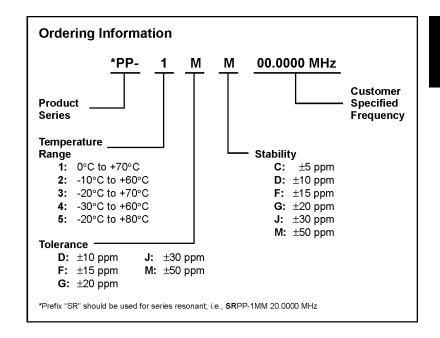
#### Features:

- Ultra-miniature Size
- Wide Frequency Range
- Tight Stability Over Extended Temperature
- Rugged Ceramic Package

### **Applications:**

- Notebook Computers
- PCMCIA Cards
- Pocket LAN Adapters
- Disk Drives
- Telecommunications Equipment





#### Available Stabilities vs. Temperature

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1	Ν	Α	Α	Α	Α	Α
2	Α	Α	Α	Α	Α	Α
3	N	Α	Α	Α	Α	Α
4	N	Ν	Ν	Z	Α	Α
5	N	N	N	Ν	Α	Α

A = Available N = Not Available

#### **Electrical Specifications**

PARAMETERS	VALUE		
Frequency Range*	Frequency Range*		
Tolerance @ +25°C	Stability Aging Shunt Capacitance		
Stability			
Aging			
Shunt Capacitance			
Load Capacitance			
Standard Operating Condit			
Storage Temperature	Storage Temperature		
Equivalent Series Resistan	Equivalent Series Resistance (ESR), Max.		
Fundamental (AT-cut)	10.000 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 200.000 MHz	90 Ω Max.	
Drive Level	_	100 μW Max.	

<sup>\*</sup> 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.

See page 136, Figure "1" for suggested solder profile.

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