## **PM Surface Mount Crystals**

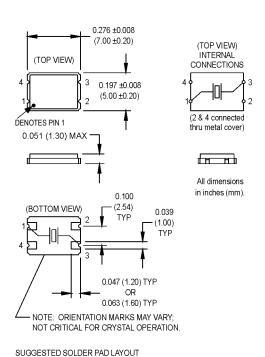
## 5.0 x 7.0 x 1.3 mm











(3.30)

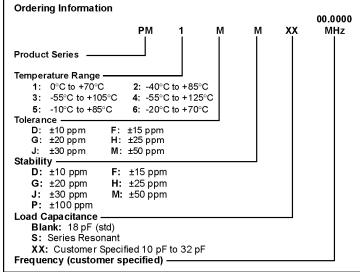
0.045 (1.14)

0.055 (1.40)

+

0.098 (2.50)





## **Available Stabilities vs. Temperature**

T	D	F	G	Н	J	М	Р
1	Α	Α	Α	Α	Α	Ø	Α
2	N	Α	Α	Α	Α	Α	Α
3	N	N	N	N	N	Α	Α
4	N	N	N	N	N	Α	Α
5	N	Α	Α	Α	Α	Α	Α
6	N	Α	Α	Α	Α	Α	Α

A = Available

S = Standard

N = Not Available

Г	PARAMETERS	VALUE			
	Frequency Range*	9.500 to 150.000 MHz			
	Tolerance @ +25°C	See Table Above			
	Stability	See Table Above			
	Aging	±5 ppm/yr Max			
ဥ	Shunt Capacitance	5 pF Max.			
Specification	Load Capacitance	See ordering information			
<u>ica</u>	Standard Operating Conditions	See Table Above			
٦	Equivalent Series Resistance (ESR), Max.				
Ιĝ	Fundamental (AT-cut)				
	9.5000 to 10.999 MHz	60 Ω			
Electrical/Environmental	11.000 to 13.999 MHz	50 Ω			
۱Ĕ	14.000 to 15.999 MHz	40 Ω			
5	16.000 to 40.500 MHz	30 Ω			
ΙΞ	Third Overtones (AT-cut)				
l H	35.000 to 39.999 MHz	100 Ω			
isa	40.000 to 49.999 MHz	80 Ω			
늉	50.000 to 90.000 MHz	100 Ω			
l≗	Fifth Overtones (AT-cut)				
	90.000 to 150.000 MHz	100 Ω			
	Drive Level	100 μW Max.			
	Mechanical Shock	MIL-STD-202, Method 213, C			
	Vibration	MIL-STD-202, Method 201 & 204			
	Thermal Cycle	MIL-STD, Method 1010, B			
*	* Recause this product is based on AT-strip technology, not all frequencies in the range stated				

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.

MtronPTI reserves the right to make changes to the product(s) and service(s) described herein without notice. No liability is assumed as a result of their use or application.



## MtronPTI Lead Free Solder Profile

