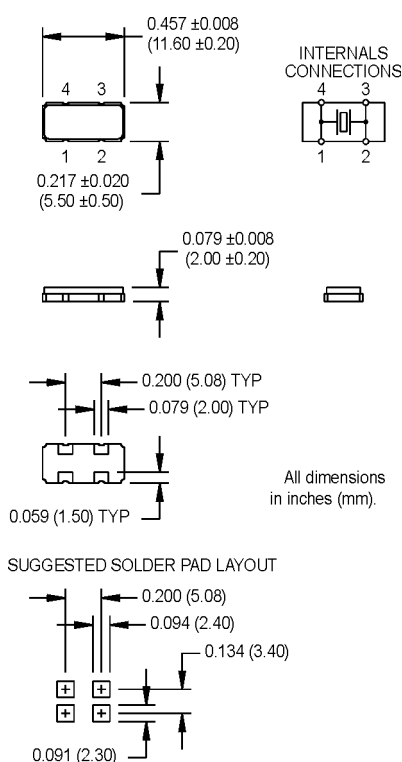


PJ Surface Mount Crystals

5.5 X 11.6 X 2.0 mm



Leadless, Ceramic Surface Mount Crystal



Ordering Information

Product Series	*PJ-	1	P	P	00.0000 MHz	Customer Specified Frequency
Temperature Range						
	1: -10°C to +70°C					
	2: -40°C to +85°C					
Tolerance						Stability
	J: ±30 ppm					J: ±30 ppm
	M: ±50 ppm					M: ±50 ppm
	P: ±100 ppm					P: ±100 ppm

*Prefix "SR" should be used for series resonant; i.e., SRPJ-1PP 4.0000 MHz

Electrical Specifications

PARAMETERS	VALUE
Frequency Range*	3.579545 to 30.000 MHz
Tolerance @ +25°C	See Table Above
Stability	See Table Above
Aging	±5 ppm/yr. Max.
Shunt Capacitance	7 pF Max.
Load Capacitance	18 pF Std.
Standard Operating Conditions	See Table Above
Equivalent Series Resistance (ESR), Max.	
Fundamental (AT-cut)	
3.579 to 3.999 MHz	200 Ω
4.000 to 7.999 MHz	150 Ω
8.000 to 9.999 MHz	100 Ω
10.000 to 19.999 MHz	80 Ω
20.000 to 30.000 MHz	50 Ω
Drive Level	100 μW Max.

* 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.

M-tron 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. No rights under any patent accompany the sale of such product.

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