

J Series Crystal



- **5mm X 3.2mm X 4 Pads Ceramic Package**
- **Wide Frequency Range**
- **Tight Tolerance and Stability**
- **Tape and Reel Packaging Available**



Frequency Range	8.000MHz to 50.000MHz
Frequency Tolerance / Stability	(See Part Number Guide for Options)
Operating Temperature Range	(See Part Number Guide for Options)
Storage Temperature	-40°C to +85°C
Aging	±3ppm per year Maximum
Shunt Capacitance	7pF Maximum
Load Capacitance	(See Part Number Guide for Options)
Equivalent Series Resistance	See ESR Chart
Mode of Operation	Fundamental
Drive Level	100µW Typical
Insulation Resistance	500 Megaohms Minimum at 100VDC

Environmental & Mechanical Detail

Shock	MIL-STD-883, Method 2002 Cond B
Solderability	MIL-STD-883, Method 2003
Solvent Resistance	MIL-STD-202, Method 215
Vibration	MIL-STD-883, Method 2007, Cond A
Gross Leak Test	MIL-STD-883, Method 1014, Cond C
Fine Leak Test	MIL-STD-883, Method 1014, Cond A2
MSL	Level 1 per IPC/JEDEC J-STD 20

Marking Detail

Line 1: MXX.XXX
XX.XXX = Frequency in MHz
Line 2: SYMCCL or SSYMCL
S or SS = Internal Code
YM = Date Code (Year/Month)
CC = Crystal Parameters Code
L = Denotes RoHS Compliant

**QUALITY SYSTEM
CERTIFIED
= ISO 9001 =**

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