

# G Series Crystal



- **5mm X 7mm X 4 Pads Ceramic Package**
- **Wide Frequency Range**
- **Tight Tolerance and Stability**
- **Tape and Reel Packaging**



Frequency Range	6.000MHz to 100.000MHz
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	±5ppm / first year Maximum
Shunt Capacitance	7pF Maximum
Load Capacitance	(See Part Number Guide for Options)
Equivalent Series Resistance	See ESR Chart
Mode of Operation	Fundamental or 3 <sup>rd</sup> OT
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 SSYMCCL
S or SS = Internal Code
YM = Numerical Date Code (Year/ Month)
CC = Crystal Parameters Code
L = Denotes RoHS Compliant

**QUALITY SYSTEM  
CERTIFIED  
= ISO 9001 =**

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Revision:	12/03/17 K
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