

H Series Crystal



- 3.5mm x 6 mm x1.2mm Ceramic Package
- Tight Tolerance and Stability
- Wide Frequency Range
- Tape and Reel Packaging Available



Frequency Range	8.000MHZ 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 per year max
Shunt Capacitance	7pF max
Load Capacitance	20pF Standard (See Part Number Guide for Options)
Equivalent Series Resistance	See ESR Chart
Mode of Operation	Fundamental <40 MHZ/ 3 rd OT 40 >MHZ
Drive Level	100µW max
Insulation Resistance	500 M ohms min at 100VDC ±15VDC

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 = MXXXXX		
M	=	MMD
XXXXX	=	Frequency in MHZ
Line 2 = SYWWC>NNL		
S	=	Manufacturer Identifier
YWW	=	Date Code (Year/Week)
C	=	Denotes Custom MMD Crystal
NNN	=	Denotes Part Number of Crystal
L	=	Denotes RoHS Compliant



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