

# Quartz Crystal Specification


Frequency	<b>80.000000 MHz</b>
Cut	SC-cut
Vibration Mode	3 <sup>rd</sup> overtone
Holder	SM1
Calibration Tolerance	± 4 ppm at 87 °C
Load Capacitance	Series
Frequency-Temperature Stability	TOP from 80 to 95 °C
Motional Resistance Rs	100 ohms maximum
Motional Capacitance C1	0.35 fF typical
Shunt Capacitance C0	3.5 to 5.0 pF
Quality Factor Q	>100,000
Drive Level	100 µW
G-sensitivity	< ± 0.5 ppb/g per axis
Aging	< ± 0.3 ppm/yr after 30 days
Marking	1. Bar Code with Serial Number – data to be provided
Environmental	Shock: MIL-STD-202G, M213 Condition C - 100 g, 6 msec, ½ sine Vibration: MIL-STD-202G, M204 Condition C, 10 g peak, 55 to 2000 Hz, 1 sweep per axis Solderability, Seal and Workmanship per MIL-PRF-3098
RoHS	Parts are RoHS compliant

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23-Nov-2015

Corrected marking

LM

Revision		Date	Description			Approved
APPROVALS		DATE				
ENG	D. Scepanovic	28-Aug-2015	CAGE CODE	SIZE	DWG. NO.	REV
SALES	C. Visniar	28-Aug-2015	<b>00809</b>	<b>A</b>	<b>CC9012-80</b>	<b>A</b>
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