

Quartz Crystal Specification

Frequency	80.000000 MHz
Cut	SC-cut
Vibration Mode	5 th overtone
Holder	TO-5 LPS, 0.200" PC 0.155" (3.94 mm) maximum height, 3 external leads
Calibration Tolerance	± 4 ppm at 90 °C
Load Capacitance	Series
Frequency-Temperature Stability	LTP from 85 to 95 °C
Motional Resistance Rs	90 ohms maximum
Motional Capacitance C1	0.17 fF typical
Shunt Capacitance C0	3.5 to 4.5 pF
Quality Factor Q	150,000 minimum
Drive Level	≤ 100 µW
Aging	≤ ± 100 ppb/year after 30 days
Storage Temperature	-55 to +125 °C
Marking	1. P/N 2. Frequency 3. Bar code label with Serial Number – std electrical 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	RoHS compliant

Revision		Date	Description			Approved
APPROVALS		DATE	 CROVEN CRYSTALS Wenzel International, Inc.			
ENG	D.Scepanovic	22-Oct-15	CAGE CODE	SIZE	DWG. NO.	REV
SALES	C. Visniar	22-Oct-15	00809	A	CC1184-80LPS	-
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