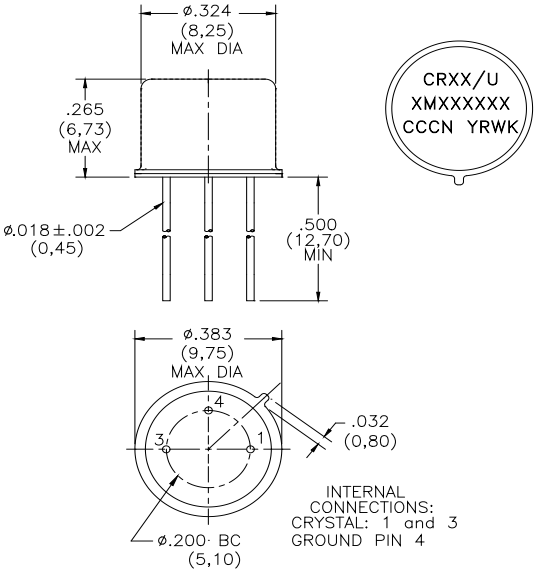
Quantic Croven

Rev 00 2023

CROVEN CRYSTALS MIL-PRF-3098 QPL crystals are available in a variety of packages and frequencies to provide established reliability quartz crystals for high reliability, demanding applications.

CR103/U



MIL-PRF-3098 Environmental Specifications		
Shock MIL-STD-202 M201 Cond C	Maximum Frequency Change	± 5 ppm
	Maximum Resistance Change	± 10%
Vibration MIL-STD-202 M204 Cond A	Maximum Frequency Change	± 5 ppm
	Maximum Resistance Change	± 10%
Thermal Shock MIL-STD-202 M107 Cond B	Maximum Frequency Change	± 5 ppm
	Maximum Resistance Change	± 10%
Aging 30 days at +85 °C	Maximum Frequency Change	± 5 ppm

Part number example: **CR 103 /U 32M76000**

COMPONENT
Quartz crystal

TYPE
Crystal type

BASIC INDICATOR
General Utility

XXMXXXXX
Nominal Frequency (MHz)
(8 characters)

SPECIFICATION *	Frequency Range 17.000000 to 61.000000 MHz
Mode of Oscillation	3rd overtone
Operating Temperature Range	-55 to +105 °C
Total Frequency Tolerance Over Operating Temperature Range	± 25 ppm
Load Capacitance	Series
Maximum Series Resistance Over Operating Temperature Range	50 ohms
Maximum Rated Drive Level	1 mW

* MIL-PRF-3098/105 CR103/U