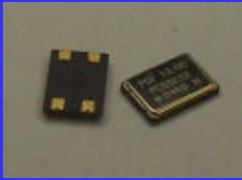


# C7 4 PAD



## CERAMIC 4 PAD QUARTZ CRYSTAL

- The C7 series provides a broad range of frequencies, packaged in a robust, high reliability enclosure. The C7 is excellent for tight board space applications.



# Precision Devices Inc.

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### ELECTRICAL PERFORMANCE (Ta=25°C)

Parameter	Standard Observed
Mechanical Shock	MIL-STD-202 Method 213, Condition C
Vibration	MIL-STD-202 Method 201, 204, and 214
Hermeticity	MIL-STD-202, Method 112
Solderability	IPC/EIA-STD-002A

PARAMETER	MINIMUM	MAXIMUM	UNITS
Center Frequency	8.00	70.00	MHz
Oscillation Mode	Fun-		
damental			
Maximum Series Resistance (See Note 3)	30.0	70.0	Ohms
Frequency Stability at +25°C (See Note 2)			
±50.0ppm Typ.	±10.0	±100.0	ppm
Frequency Stability Over Temperature			
±50.0ppm Typ.	±10.0	±100.0	ppm
Operating Temperature Range (See Note 2)	-20	+70	°C
Storage Temperature Range	-55	+105	°C
Drive Level			
100.0uW Typical	1.0uW	1.0mW	
Seal Method	Resis-		
tance Weld			
Shunt Capacitance	1.0	7.0	pF
Motional Capacitance	Customer Request		
Load Capacitance	Series	40.0	pF
Aging per year	±2.0	±5.0	ppm

