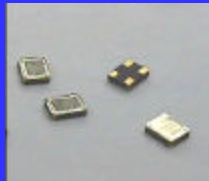


C3

Precision Devices Inc.

1-800-274-XTAL

INFO@PDIXTAL.COM



SMD CERAMIC QUARTZ CRYSTAL

- Low Cost
- Excellent for High Density Surface
- Mounting • Available with Lead-Free Solder
- Customized Options Available

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	12MHz	50MHz	MHz
Frequency Stability at +25°C (See Note 2)	± 10	± 50	ppm
Frequency Stability Over Temperature	± 10	± 50	ppm
Operating Temperature Range (See Note 2)	-20 to 70		°C
Storage Temperature Range	-55 to 125		°C
Drive Level	100uW		uW
Shunt Capacitance	5.0	7.0	pF
Motional Capacitance	Customer Specified		fF
Load Capacitance	18 Standard or Series		pF
Aging per year	± 5		ppm

