

C5 4-PAD



CERAMIC 4 PAD QUARTZ CRYSTAL

- The C5 is a low cost small size crystal for tight board applications.

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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	MINI-MUM	MAXI-MUM	UNITS
Center Frequency	12	52	MHz
Maximum Series Resistance (See Note 3)	70		Ohms
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	-40 to 85		°C
Drive Level	300uW		
Shunt Capacitance	7.0		pF
Motional Capacitance	Customer Specified		
Load Capacitance	18 (Customer Specified)		pF
Aging per year	±5		ppm

