

C6 4-PAD



CERAMIC 4 PAD QUARTZ CRYSTAL

- The C6 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	10.00	70.00	MHz
Oscillation Mode	Fun-		damental
Maximum Series Resistance (See Note 3)	40.0	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

