

L6 SMD



LOW PROFILE SURFACE MOUNT QUARTZ CRYSTAL

This HC/49 SMD package features a plastic insulator and provides a broad range of frequencies with excellent electrical parameters.

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	MINI-MUM	MAXI-MUM	UNITS
Center Frequency	3	80	MHz
Oscillation Mode	Fundamental and 3rd		
Overtone			
Maximum Series Resistance			Ohms
Frequency Stability at +25°C (See Note 2) ±50.0ppm Typ.			ppm
Frequency Stability Over Temperature ±50.0ppm Typ.			ppm
Operating Temperature Range (See Note 2)			°C
Storage Temperature Range			°C
Drive Level	100.0uW		
Typical			
Seal Method	Resis-		
tance Weld			
Shunt Capacitance			pF
Motional Capacitance	Customer Request		
Load Capacitance			pF
Aging per year			ppm

