

X49 Models

HC49 Types

1.8432 to 125 MHz

Surface Mount
HC/49US
Leaded
HC/49U



Features

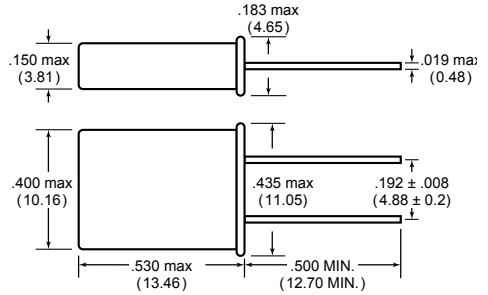
- HC-49/U is leaded and HC-49/US is surface-mount
- Resistance Weld Package
- Wide Frequency & Stability Options
- IR Reflow Assembly Compatibility
- Frequency 1.8432M-125M for X49/U
- 1.8432M-85M for X49/US

Applications:

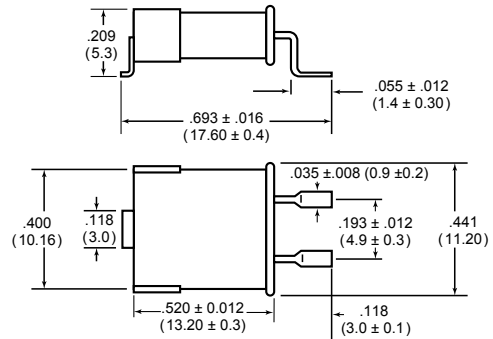
- Microprocessor
- Mobile & Wireless Equipment
- Datacom Hubs/Switches/Routers
- Telecom Switching & Computers

Specifications

Frequency:	Fundamental Range	3.5-30Mhz
	3rd Overtone Range:	24-85 Mhz
	5th Overtone Range:	85-125
Tolerance	10 to 50 ppm	
Stability vs Temp	10 to 50 ppm	
Aging	5 ppm per year, max.	
Shunt Capacitance	7 pf max	
Drive Level	10 uW to 1mW	
Temperatures	Storage from -55 to +125 Deg C	



Model X49/U (HC-49/U)



Model X49/US (HC-49/U with SMD)

Equivalent Series Resistance

Frequency (MHz)	ESR, max Ohms	Mode	Frequency (MHz)	ESR, max. Ohms	Mode	Frequency (MHz)	ESR, max Ohms	Mode
1.8432-1.9	600	Fund	5.0-5.9	80	Fund	13.0-30	25	Fund
2.0-2.9	500	Fund	6.0-6.999	60	Fund	24.0-29.9	60	Third
3.0-3.49	150	Fund	7.0-7.9	50	Fund	30.0-85.0	40	Third
3.5-3.9	120	Fund	8-9.9	40	Fund	85.0-125.0	70	Fifth
4.0-4.9	100	Fund	10-12.9	30	Fund			

Part Numbering Description (Example: X49/U-18-F-50-A-A-18.432-T)

