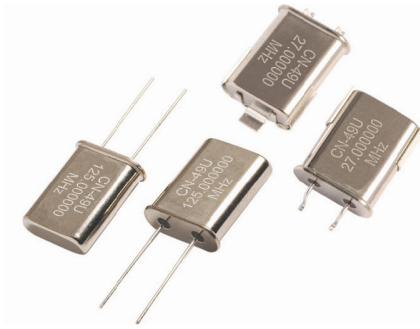


HC-49U Series



Description:

- Low Cost
- Wide Frequency Range
- Excellent Aging
- AT or BT Cut Crystal
- Consumer Electronic Products
- Industrial Equipment
- Military Equipment
- Communication Equipment

Performance Characteristics

Parameter		HC-49U HC-49UX				
Frequency Range (MHz)	F ₀	1.8432~40	20~40	23~100	60~150	120~200
Mode of Vibration		AT Fundamental	BT Fundamental	3rd Overtone	5th Overtone	7th Overtone
Resonance Resistance (Ω)	R _r	20~650	40	40~60	80	100
Frequency Tolerance (at 25°C)		±3×10 ⁻⁶ ~±30×10 ⁻⁶				
Storage Temperature Range	T _{STG}	-55°C~+125°C				
Shunt Capacitance	C ₀	7pF Max				
Load Capacitance	CL	6pF~50pF or Series				
Insulation Resistance	IR	>500MΩ DC/100V±10V				
Drive Level	DL	0.01mW~2mW				
Aging	Fa	±3×10 ⁻⁶ ~±5×10 ⁻⁶ /year				

Frequency Stability Over Temperature Range

Temperature Range	Frequency Stability						
	M:±3×10 ⁻⁶	N:±5×10 ⁻⁶	O:±10×10 ⁻⁶	P:±15×10 ⁻⁶	Q:±20×10 ⁻⁶	S:±30×10 ⁻⁶	T:±50×10 ⁻⁶
A:0°C~+50°C	●	●	●	●	●	●	●
B:-10°C~+60°C		●	●	●	●	●	●
C:-20°C~+70°C		●	●	●	●	●	●
G:-40°C~+85°C				●	●	●	●
J:-55°C~+125°C							●

※: Specially designated products.

Outline Drawing (mm)

