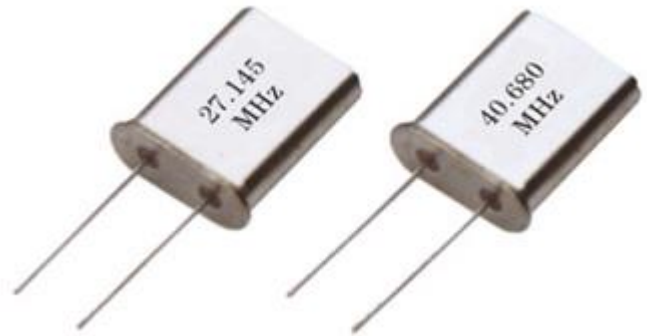


HC-49U/49T Series Crystal Resonator

Features:

- Excellent aging performance.
- Mass production capability.
- High reliability design
- RoHS Compliant / Pb Free
- Customized as request



Specification:

Model	HC-49U / 49T
Frequency Range	1.500 ~ 160.000MHz
Frequency Tolerance at 25°C±2°C	±10 ~ ±30ppm(TYP.)
Frequency Stability Over Operating Temp Range	±10 ~ ±30ppm(TYP.)
Operating Temp Range	-10°C ~+60°C, -20°C ~+70°C, -40°C ~+85°C or customer requirement
Load Capacitance	8pF ~32pf,series or special
Shunt Capacitance	7pf Max
Drivel Level	0.1uW~1000Uw(TYP:100uw)
Insulation Resistance	500MΩ min / DC 100V±15V
Oscillation Mode	Fundamental,3 rd & 5 th overtone
Measure Instrument	S&A 250B

Equivalent Series Resistance(ESR)VS Frequency:

Frequency(MHz)	Oscillation Mode	HC-49U / 49T
1.5~1.99	Fundamental	700Ω max
2.0~2.99	Fundamental	500Ω
3.0~3.19	Fundamental	300Ω
3.2~3.99	Fundamental	150Ω
4.0~4.49	Fundamental	90Ω
4.5~4.99	Fundamental	70Ω
5.0~6.99	Fundamental	50Ω
7.0~9.99	Fundamental	35Ω
10.0~36.0	Fundamental	25Ω
20.0~24.99	3 rd overtone	45Ω
25.0~100.0	3 rd overtone	40Ω

70.0~160.0	5 rd overtone	70Ω
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Dimensions:

