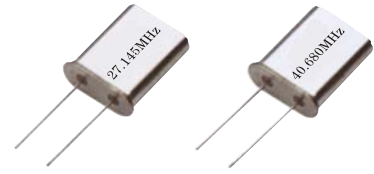


HC-49U

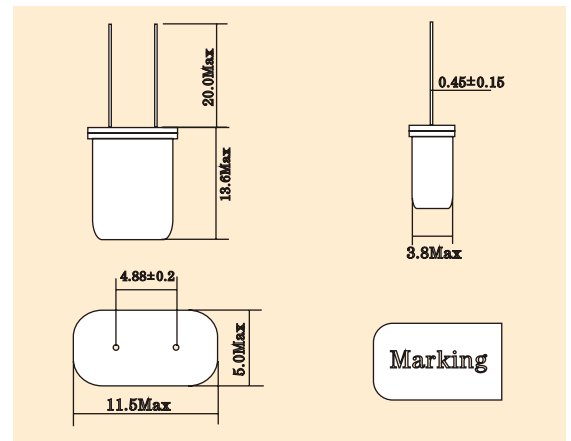


Size: 11.5*3.8*13.6

Features

- Industry standard
- Wide temperature range
- Low cost
- Excellent aging

External Dimensions



Specification (characteristics)

Frequency Range	1.800MHz~110.000MHz
Mode of Oscillation	1.800MHz~48.000MHz Fundamental 30.000MHz~110.000MHz Third Overtone
Frequency Tolerance at 25℃	±50ppm max (±5ppm, ±10ppm, ±30ppm Available)
Frequency Stability Over Temperature	±50ppm max (±5ppm, ±10ppm, ±30ppm Available)
Operating Temperature Range	-10℃~+60℃Standard, -40℃~+85℃Extended
Storage Temperature Range	-40℃~+85℃
Aging	±5ppm/Year Max
Load Capacitance	8pf~32pf or Series
Shunt Capacitance	7.0pf Max
Drive Level	0.01μW~100μW
Reflow Conditions	260℃ For 10s Max, 2 Reflows Max

Equivalent Series Resistance(ESR)

Frequency(MHz)	Mode	Ohm Max
1.800~2.000	Fundamental	350
2.001~3.200	Fundamental	250
3.201~4.000	Fundamental	100
4.001~10.000	Third Overtone	60
10.001~40.000	Third Overtone	40
40.001~110.000	Third Overtone	60

Solder Reflow profile

