



HC-49U / HC-49T / HC-49U GULL WING

Parameters / Specifications

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Frequency Range	1.843 ~ 85.000 MHz
Operating Temperature Range	-10°C ~ +60°C (STD), -20°C ~ +70°C
Frequency Tolerance @+25°C	±15, 30, 50ppm (STD)
Temperature Tolerance	±30, 50, 100ppm (STD)
Storage Temperature	-40°C ~ +85°C
Load Capacitance	18pF (STD), ≥10pF or Series Resonant
Drive Level	0.01 ~ 2,000 μ W
Shunt Capacitance	7.0pF Max.
Aging @+25°C	±5.0ppm Max. per year
Insulation Resistance	500 M Ω Min. @100Vdc

Equivalent Series Resistance / Oscillation Mode

Frequency Range (MHz)	ESR (Ω) Max.	Oscillation Mode
1.8432 ~ 1.999	600	Fundamental
2.000 ~ 2.999	500	Fundamental
3.000 ~ 3.499	150	Fundamental
3.500 ~ 3.999	120	Fundamental
4.000 ~ 4.999	100	Fundamental
5.000 ~ 5.999	80	Fundamental
6.000 ~ 6.999	60	Fundamental
7.000 ~ 7.999	50	Fundamental
8.000 ~ 9.999	40	Fundamental
10.000 ~ 12.999	30	Fundamental
13.000 ~ 30.000	25	Fundamental
24.000 ~ 29.999	60	3rd Overtone
30.000 ~ 85.000	40	3rd Overtone

Mechanical Dimensions

