

HC-49/U Series

- HC-49/U package
- AT cut available
- Resistance weld seal
- Tape and Reel, insulator tab, 3-lead, and custom lead length options available

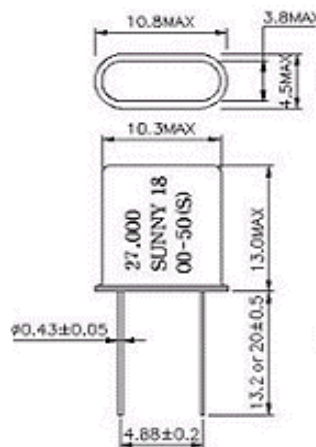
ELECTRICAL SPECIFICATIONS

MODEL	HC-49/U,HC-49/T
Frequency Range	1.8432 to 85.000MHz
Operating Temperature Range	-10 to +60 (STD), -20 to +70
Storage Temperature Range	-40 to +85
Frequency Tolerance (at 25 °C)	±15, ±30, ±50 ppm(STD)
Frequency Stability	±30, ±50, ±100 ppm(STD)
Over Operating Temperature Range	
Load Capacitance (CL)	18pF(STD), Custom CL≥10pF or Series Resonant
Drive Level	0.01 to 2,000μW
Shunt Capacitance (Co)	7pF Max
Aging (at 25 °C)	5ppm / year Max
Insulation Resistance	500 MΩ Min at 100VDC

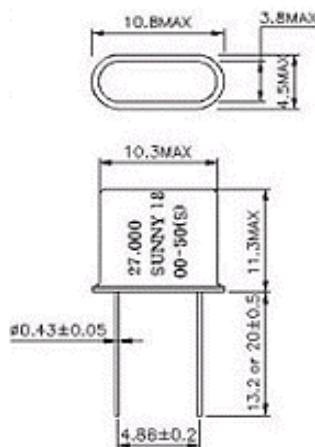
Frequency Range (MHz)	ESR (ΩMax)	Mode of Oscillation
1.8432 ~ 1.999	600	Fundamental
2.000 ~ 2.999	500	Fundamental
3.000 ~ 3.499	150	Fundamental
3.500 ~ 3.999	120	Fundamental
4.000 ~ 4.999	100	Fundamental
5.000 ~ 5.999	80	Fundamental
6.000 ~ 6.999	60	Fundamental
7.000 ~ 7.999	50	Fundamental
8.000 ~ 9.999	40	Fundamental
10.000 ~ 12.999	30	Fundamental
13.000 ~ 30.000	25	Fundamental
24.000 ~ 29.999	60	3rd Overtone
30.000 ~ 85.999	40	3rd Overtone

MECHANICAL DIMENSIONS

HC-49/U



HC-49/T



HC-49/U GULL WING

