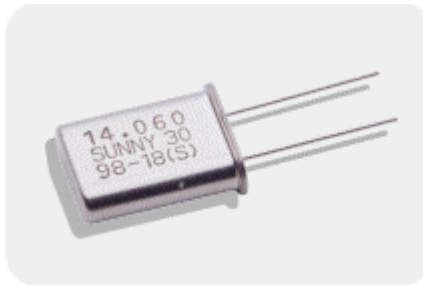


QUARTZ CRYSTAL

Sunny company information **SUNNY**



▶ 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

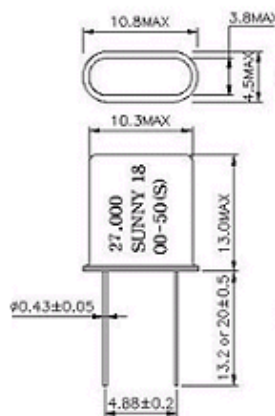
MODEL	HC-49/U, HC-49/T
Frequency Range	1,8432 to 85,000MHz
Operating Temperature Range	-10 to +60°C(STD), -20 to +70°C
Storage Temperature Range	-40 to +85°C
Frequency Tolerance (at 25°C)	±15, ±30, ±50ppm(STD)
Frequency Stability Over Operating Temperature Range	±30, ±50, ±100ppm(STD)
Load Capacitance (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

▲ TOP

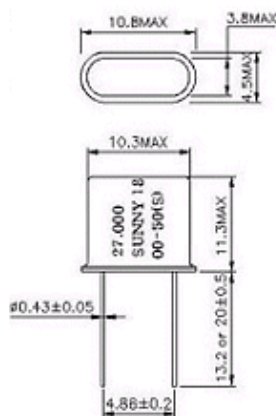
Frequency Range (MHz)	ESR (ΩMax)	Mode of Oscillation
1,8432 ~ 1,999	600	Fundamental
2,000 ~ 2,999	500	Fundamental
3,000 ~ 3,499	150	Fundamental
3,500 ~ 3,999	120	Fundamental
4,000 ~ 4,999	100	Fundamental
5,000 ~ 5,999	80	Fundamental
6,000 ~ 6,999	60	Fundamental
7,000 ~ 7,999	50	Fundamental
8,000 ~ 9,999	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**

