

Q49U series

ROHS available

& Feature:

Compact unit for surface mount

Able to by means of a metal case and completely sealed high solution characteristics

Copes with high density mounting and is the optimum for mass production

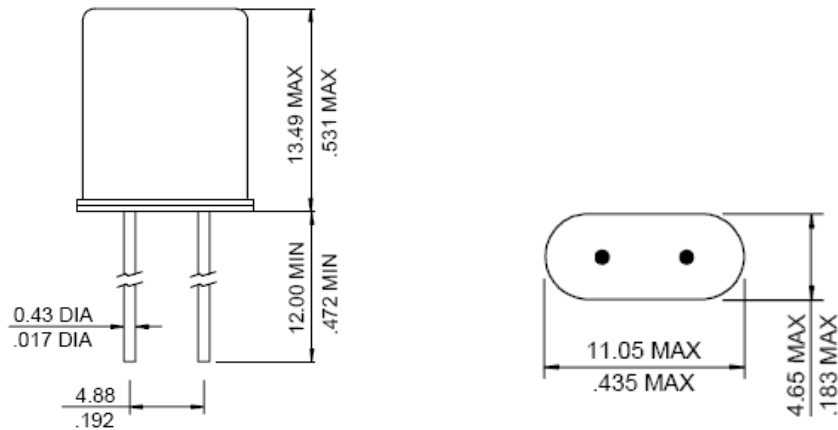
& Electrical Specifications

Frequency Range	1.000~150.00MHz
Oscillation mode	Fundamental, 3 rd , 5 th overtone
Operating temperature range	-10~+60℃, -20~+70℃, -40~+85℃
Storage temperature range	-40~+125℃
Frequency tolerance	±30PPM at 25±2℃ Typical
Freq. Temp characteristics	±50PPM -20~+70℃ Typical
Load capacitance	20pF for specify
Equivalent series resistance	See below table
Parallel capacitance (Co)	7PF Max
Drive level	100 μW
Insulation resistance	More than 500MΩ AT DC100V

& Frequency/ESR

Frequency range(MHz)	Max ESR (Ω)	Mode
1.000~1.999	400	Fund
2.000~3.199	250	Fund
3.200~4.000	150	Fund
4.001~6.999	90	Fund
7.000~12.999	40	Fund
13.000~30.000	30	Fund
27.000~29.999	50	3 rd
30.000~65.000	40	3 rd
65.001~99.999	90	3 rd
100.00~150.00	70	5 th

& Dimension:



Part number:

Q49U	12.000	20	50	40	A	50
Model type: HC-49/U	Frequency 12.000: 12.000MHz	Load capacitance. 20: 20pF	Frequency tolerance: 50:±50ppm 25:±25ppm	ESR: 40:40Ω	Temperature range: A:-10-70 deg C B:-20-70 deg C C:-40-85 deg C	Frequency stability: 50:±50ppm 25:±25ppm

F	T/R
Oscillate mode F: Fundamental 3: 3 rd overtone 5: 5 th overtone	Blank: bulk T/R: tape/reel