

QU5 series

ROHS Compatible

& 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

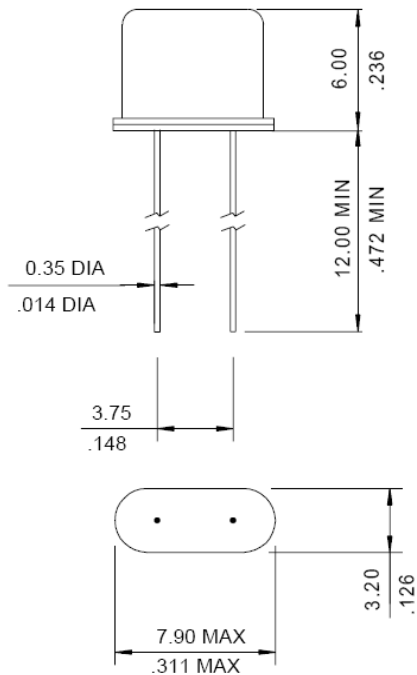
& Electrical Specifications

Frequency Range	4.000~200.00MHz
Oscillation mode	Fundamental, 3 rd , 5 th , 7 th overtone
Operating temperature range	-10~+60℃, -20□~+70℃, -40~+85℃
Storage temperature range	-40~+125℃
Frequency tolerance	±5PPM, ±10PPM, ±20PPM, ±30PPM at 25±2□
Freq. Temp characteristics	±20PPM -20□~+70□ Typical
Load capacitance	20pF for specify
Equivalent series resistance	See below table
Parallel capacitance (Co)	4.5~7PF Typ.
Drive level	100 μW
Insulation resistance	More than 500MΩ AT DC100V

& Frequency/ESR

Frequency range(MHz)	Max ESR (Ω) Max.	Mode
4.000~6.999	100	Fund
7.000~9.999	60	Fund
10.000~13.999	50	Fund
14.000~19.999	40	Fund
20.000~23.999	100	3 rd
24.000~34.999	30	3 rd
35.000~100.000	80	3 rd
100.000~200.000	100	5 th / 7 th

& Dimension:



Part number:

QU5	12.000	20	50	40	A	50
Model type: UM-5	Frequency 12.000: 12.000MHz	Load capa. 20: 20pF	Frequency tolerance: 50:±50ppm 25:±25ppm	ESR: 40:40Ω	Temperature range: A:-10~+70□ B:-20~+70□ C:-40~+85□	Frequency stability: 50:±50ppm 25:±25ppm

F
Oscillate mode F: Fundamental 3: 3 rd overtone 5: 5 th overtone