

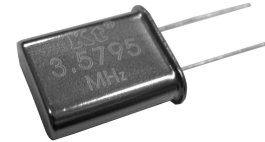
Kingtronics®

QKT - HC49U QUARTZ CRYSTAL

FEATURES

- Low cost, Good aging
- Wide frequency range, Pb-free & RoHS Compliance

PICTURE



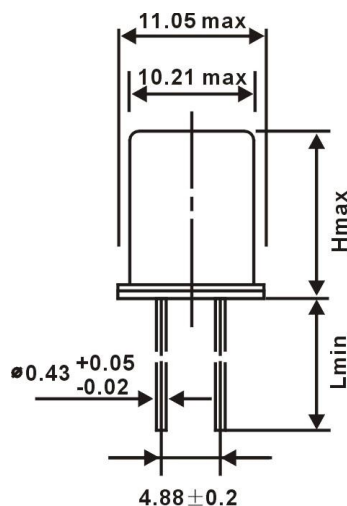
SPECIFICATIONS

Holder Type	HC-49U
Frequency Range	1.8432MHz ~200.000MHz
Operating Temperature Range	-10°C ~+60°C typical or custom-designed
Storage Temperature Range	-40°C ~+85°C typical
Drive Level	100uW typical
Load Capacitance	8pF-32pF or Series
Frequency Tolerance	±30ppm or custom-designed
Frequency Stability	±50ppm or custom-designed
Shunt Capacitance	7.0pF max
Insulation Resistance	500MΩmin.at DC 100V
Aging First Year	±5ppm max

EQUIVALENT SERIES RESISTANCE(ESR) AND MODE OF OPERATION

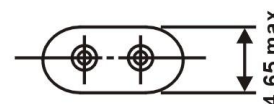
Frequency Range	ESR(Ω)	Mode
1.8432~2.300M	500max	Fundamental
2.3001~3.000M	400max	Fundamental
3.0001~5.000M	90max	Fundamental
5.0001~8.000M	60max	Fundamental
8.001~40.000M	300max	Fundamental
24.000~80.000M	50max	3rd Overtone
80.000~150.00M	150max	5th Overtone

MECHANICAL DIMENSIONS: Unit: mm



HC-49U H=13.46

L=13.2 Bulk
L=20.0 TR



Note: Specifications are subject to change without notice.

Unit: mm

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