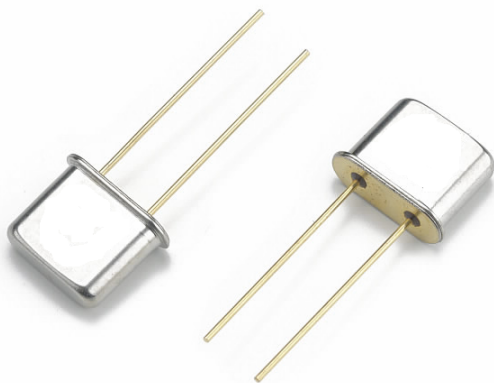


## GJ UM -5 Crystal Unit



### {Features}

- Low cost
- Industry standard package
- High reliability and stability crystal
- Wide frequency range and calibration tolerances available
- Rohs compliant / Pb free



### Application of Crystal:

- Best choice for mother board
- USB
- LAN card
- Router
- witch

### Electrical Specification:

Model	GJ UM-5
Frequency Range	10.00 ~ 160.000 MHz
Frequency Tolerance at 25 ℃ ± ℃	±5 ~ ±50 ppm (TYP.)
Frequency Stability Over Operating Temp Range	±5 ~ ±50 ppm (TYP.)
Operating Temp Range	-10 ℃~ +60 ℃, -20 ℃~ +70 ℃ or customer requirement
Load Capacitance	8 pF ~ 32 pF, series or special
Shunt Capacitance	7 pF Max.
Drive Level	0.1uW ~ 1000uW(TYP.: 100uW)
Insulation Resistance	500M min / DC 100V ±5V
Oscillation Mode	Fundamental, 3rd & 5th overtone
Measure Instrument	S&A 250B

### Equivalent Series Resistance(ESR) VS Frequency:

Frequency (MHz)	Oscillation Mode	GJ UM-5
10.0 ~ 14.99	Fundamental	60
15.0 ~ 50.0	Fundamental	35
30.0 ~ 49.99	3rd overtone	50
50.0 ~ 100.0	3rd overtone	60
75.0 ~ 160.0	5rd overtone	90



**Dimensions (mm):**

