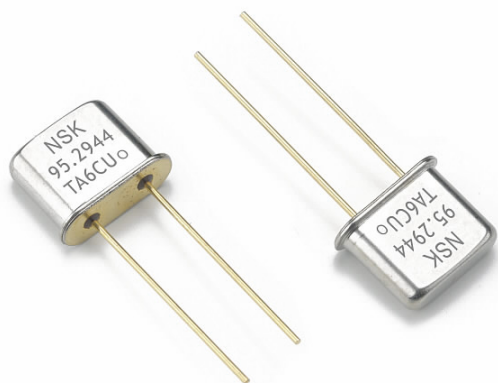


NXB UM-5 Crystal Unit



{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	NXB 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	500MΩ 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	NXB UM-5
10.0 ~ 14.99	Fundamental	60 Ω
15.0 ~ 50.0	Fundamental	35 Ω
30.0 ~ 49.99	3rd overtone	50 Ω
50.0 ~ 100.0	3rd overtone	60 Ω
75.0 ~ 160.0	5rd overtone	90 Ω

Dimensions (mm):

