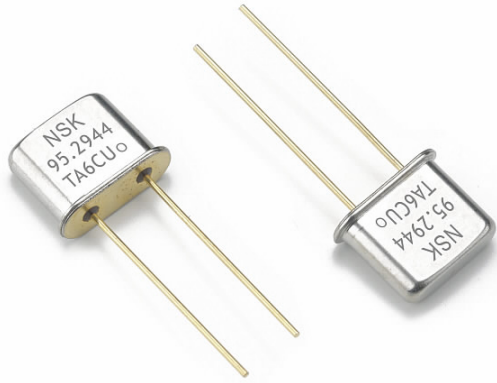


NXB UM-5 Crystal Unit



{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 °C ± °C	±5 ~ ±50 ppm (TYP.)
Frequency Stability Over Operating Temp Range	±5 ~ ±50 ppm (TYP.)
Operating Temp Range	-10 °C ~ +60 °C, -20 °C ~ +70 °C 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	NXB 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):

