

49/U-S THRU-HOLE CRYSTAL UNIT



NXS Series

  	Application :
	- Best choice for mother board - LAN card - Router - Switch - USB
	Features :
- Wide frequency range & calibration tolerances available - High reliability and stability crystal - RoHS compliant / Pb free - Industry standard package - Low cost	



Electrical Specification :

Model	NXS
Frequency Range	3.570 ~ 100.0 MHz
Frequency Tolerance at 25°C±2°C	±20 ~ ±50 ppm (TYP.)
Frequency Stability Over Operating Temp Range	±10 ~ ±50 ppm (TYP.)
Operating Temp Range	-10°C~ +60°C, -20°C~ +70°C or specify
Load Capacitance	8pF ~ 32pF, series or specify
Shunt Capacitance	7 pF Max.
Drive Level	0.1uW ~ 1000uW (TYP.:1000uW)
Aging Rate	±3ppm/year
Insulation Resistance	500MΩ min / DC 100V±15V
Oscillation Mode	Fundamental, 3 rd Overtone
Measure Instrument	S&A 250B

* Above specification subject to change without prior notice, please consult our sales representative for more information*

TAIWAN — JENJAAN QUARTEK CORPORATION

Address : 3F-5, No 504 Yun Shan Road, Chung Ho City, Taipei, Taiwan
Tel : +886-2-8221-4498 Fax : +886-2-8221-4499
E-mail : jjenjaan@jenjaan.com.tw Web : <http://www.nsk.com.tw>

FACTORY - DONG GUAN ALLIED PROJECT LIMITED

Address : No. 703, Fu Min Zhong Road, Yang Yong Village, Dalang Town, Dong Guan, Guang Dong, China Tel : +86-769-8311-9395
Fax : +86-769-8313-0880 E-mail : alliedj@pub.dgnet.gd.cn

49/U-S THRU-HOLE CRYSTAL UNIT

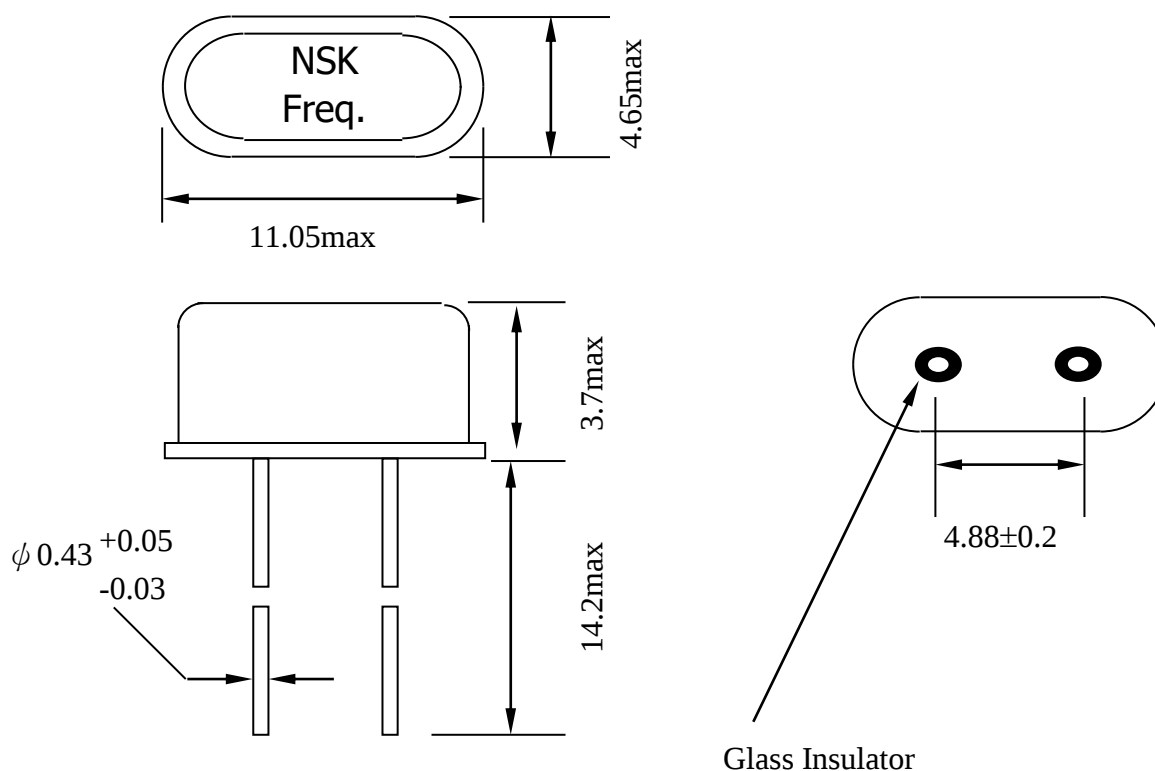


Equivalent Series Resistance (ESR) V.S. Frequency:

Frequency (MHz)	Oscillation Mode	NXS
3.57 MHz ~ 3.79 MHz	Fundamental	180Ω Max
3.80 MHz ~ 4.49 MHz	Fundamental	150Ω
4.50 MHz ~ 5.99 MHz	Fundamental	120Ω
6.00 MHz ~ 7.99 MHz	Fundamental	100Ω
8.00 MHz ~ 9.99 MHz	Fundamental	80Ω
10.00 MHz ~ 11.99 MHz	Fundamental	70Ω
12.00 MHz ~ 15.99 MHz	Fundamental	60Ω
16.00 MHz ~ 19.99 MHz	Fundamental	50Ω
20.00 MHz ~ 39.99 MHz	Fundamental	40Ω
26.00 MHz ~ 39.99 MHz	3 rd Overtone	100Ω
40.00 MHz ~ 70.00 MHz	3 rd Overtone	80Ω
70.00 MHz ~ 100.00 MHz	3 rd Overtone	100Ω



Dimensions (mm) :



* Above specification subject to change without prior notice, please consult our sales representative for more information*

TAIWAN — JENJAAN QUARTEK CORPORATION

Address : 3F-5, No 504 Yun Shan Road, Chung Ho City, Taipei, Taiwan
 Tel : +886-2-8221-4498 Fax : +886-2-8221-4499
 E-mail : jennaan@jenjaan.com.tw Web : <http://www.nsk.com.tw>

FACTORY - DONG GUAN ALLIED PROJECT LIMITED

Address : No. 703, Fu Min Zhong Road, Yang Yong Village, Dalang
 Town, Dong Guan, Guang Dong, China Tel : +86-769-8311-9395
 Fax : +86-769-8313-0880 E-mail : alliedj@pub.dgnet.gd.cn