HC-49U

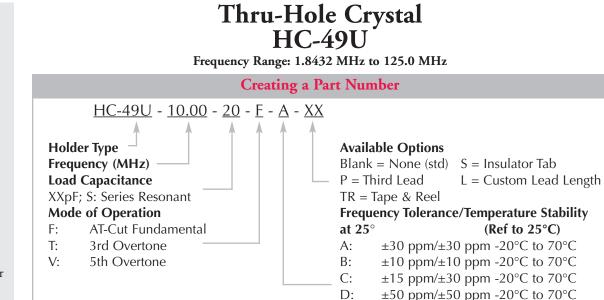
Thru-Hole Crystal

Size, mm

11.5 x 5.0 x 13.5 Frequency Stability ±15 PPM Temperature Range -20°C to 70°C Frequency Range 1.8432-125.0 MHz

Features

- Meets NEL requirements for product reliability
- Resistance welded low profile holder
- Frequency range 1.8432 MHz to 125.0 MHz
- Special frequencies available



G: ±50 ppm/±100 ppm -40°C to 85°C

±30 ppm/±30 ppm -40°C to 85°C

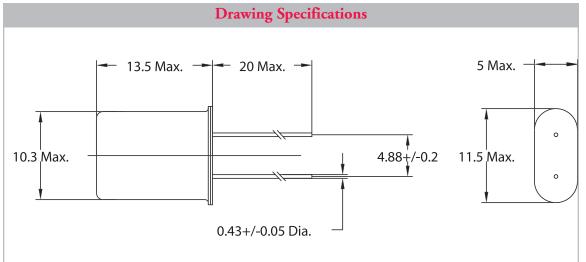
±50 ppm/±50 ppm -40°C to 85°C

Electrical Specifications

E:

F:

Frequency Range (Fo)	1.8432 MHz to 125.000 MHz
Storage Temperature Range (T _{STG})	-40°C to 85°C
Shunt Capacitance (Co)	7 pF Max.
Load Capacitance (C _L)	10 to 32 pF or Series Resonant
Insulation Resistance	500 Megaohms Minimum at 100 VDC
Drive Level	1 mWatts Max.
Aging (at 25°C)	±5 ppm/year Max.
Equivalent Series Resistance	Frequency Range E.S.R. (Ω) Max
Mode: Fundamental	1.800 to 1.999 MHz 650
Mode: Fundamental	2.000 to 2.999 MHz 500
Mode: Fundamental	3.000 to 3.499 MHz 250
Mode: Fundamental	3.500 to 3.999 MHz 150
Mode: Fundamental	4.000 to 4.999 MHz 100
Mode: Fundamental	5.000 to 5.999 MHz 80
Mode: Fundamental	6.000 to 7.999 MHz 50
Mode: Fundamental	8.000 to 12.999 MHz 35
Mode: Fundamental	13.000 to 30.999 MHz 25
Mode: 3rd Overtone	24.000 to 29.999 MHz 60
Mode: 3rd Overtone	30.000 to 80.000 MHz 40
Mode: 5th Overtone	70.000 to 125.000 MHz 90





For the most up to date specifications on each NEL product, log on to our website—www.nelfc.com

Dimensions shown in millimeters.