Bliley Technologies Incorporated

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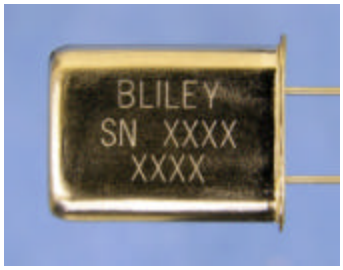
QC33469

High Stability SC cut Resonator

12.800 MHz 3rd overtone Vacuum sealed in Cold Weld package HC-43/U

RoHS complaint

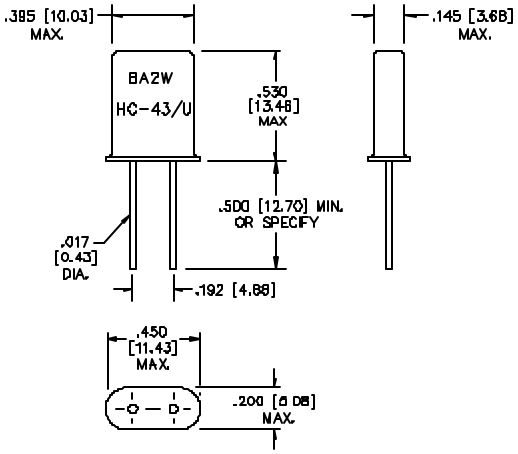


■ Features

• The QC33469 resonator is a high precision crystal that satisfies extremely strict requirements of the Telecom industry and other timing applications. This quartz crystal utilizes our latest technology improvements in low phase noise resonators. It is available in large volumes with short leadtimes, at a very competitive price.

■ Specifications

Parameter	Specification	Units
Frequency	12.800	MHz
Resistance	90 maximum	Ω
Load Capacitance	18 typical	pF
Static Capacitance	4.0 typical	pF
Motional Capacitance	0.20 typical	fF
Calibration Tolerance	± 2	ppm
Drive Level	100 typical	µW
Q Factor	900 minimum	K
Aging (after 2 weeks)	5 x 10^{-10}	pp/day
Stability versus Temperature	±0.01	ppm @TP
Operating Temperature	78 to 97	°C
Storage Conditions	-55 to 110	°C
Mechanical Shock	MIL-STD-202, Method 213, C	N/A
Vibration	MIL-STD-202, Method 201& 204	N/A
Thermal cycle	MIL-STD-883, method 1010, B	N/A
Phase Noise	-120 @ 10 Hz typical	dBc/Hz



Please consult factory at www.bliley.com for different options or check our complete product offerings.
For your application specific requirements please contact us at sales@bliley.com or 814-838-3571