

QC33343 High Stability SC cut Resonator

10 MHz 3rd overtone Vacuum sealed in Cold Weld package HC-37/U
RoHS complaint



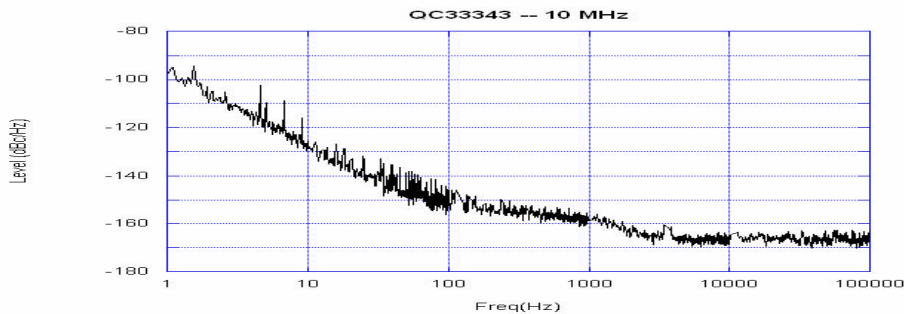
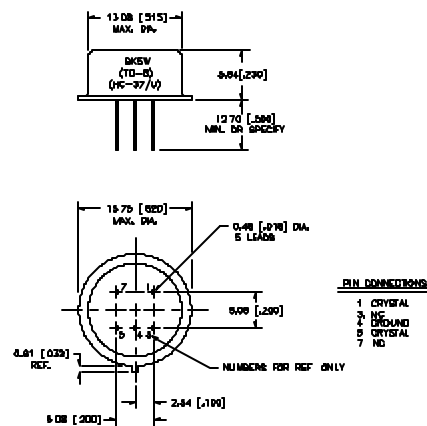
■ Features

- The QC33343 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 | 10 | MHz |
| Resistance | 80 maximum | Ω |
| Load Capacitance | 18 typical | pF |
| Static Capacitance | 3.8 typical | pF |
| Motional Capacitance | 0.23 typical | fF |
| Calibration Tolerance | ± 1.5 | ppm |
| Drive Level | 100 typical | μW |
| Q Factor | 1000 minimum | K |
| Aging (after 2 weeks) | 5 x 10 ⁻¹⁰ typical | pp/day |
| Stability versus Temperature | ±0.01 | ppm @TP |
| Operating Temperature | 70 to 95 * | °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 |
| G sensitivity (Total Gamma) | 1 x 10 ⁻⁹ typical | pp/g |

* In any 10° increment.



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