



RX150 Series Inverted Mesa Crystals for 6.0 x 3.5 mm LCC and can style packaging

The RX150 Series is designed to fit into 6.0 x 3.5 mm ceramic LSS and can style packages, offering excellent frequency tolerance control, and demonstrated performance for low spurs, frequency accuracies, and aging.* Available in various angle cuts to meet commercial, industrial, telecom, military temperature ranges. We now recommends RM138 series as a smaller and lower cost solution.

Features

Sized for 6.0 x 3.5 mm package and can mounts
Mesa oriented across the X-Axis
Stable oscillation with low spurs
High Q, chemically etched, free of etch channels

Fund. Freq Range 30 to 200 MHz*
Frequency Third: 90 to 600 MHz*
Frequency Tol. +/- 0.010 F²
Temp. Range 0 to 70, -20 to 85, -40 to 85, -55 to 125C
Tempco Per Angle cut

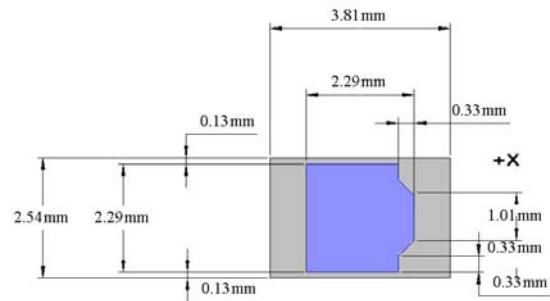
Electrode Size
Electrode Style
Material and Q Low Etch Channel Pure Z Quartz with a Q minimum of 1.8 Million

Surface Finish Polished
Angle Standard AT cuts
Angle Tolerance +/- 2' or +/- 1'
Specification Note Also as customer specified
Dimensions (mm) 3.81mm x 2.54 x 0.080 mm
Dimensions (inches) 0.150 x 0.100 x 0.00315"
Ship Pack Method Waffle Pack

Applications

Crystals for filters and for precise low noise/jitter clock applications.
Customer applications for SONET, 10G, 1G, Storage, network communications

Device Dimensions



* We recommend RS150 series for above 120MHz as smaller Mesa is less fragile
 Dimensional tolerance is +/- 0.001" (1 mil) or +/- 0.0025mm