



Fundamental Inverted Mesa Crystals for standard 0.200 round clip mount designs

The CM200 series of round inverted Mesa blanks fit mount in standard 0.200" mounts. These high performance mesas exhibit excellent uniformity, low spurs, and stable operation.

For lower cost with the same performance, we recommend the SM141A series, which is supplied as blank or with electrodes.

Features

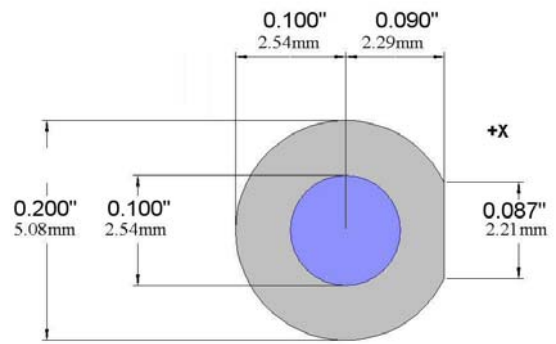
- Round Blank design for standard round holders support legacy designs
- high quality low spurs crystals
- Flat oriented to the X-Axis
- High Q, chemically etched, free of etch channels

Applications

- Standard 0.200 round mount applications
- High performance VCXO, XO, OCXO and specials requiring hybrid design
- Telecom, communications, networking, military

Fund. Freq Range	30 to 300 MHz
Frequency Third:	90 to 600 MHz*
Frequency Tol.	+/- 0.015 F ²
Temp. Range	0 to 70, -20 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, typical 2.2 to 2.4 Million

Device Dimensions



Surface Finish	Polished
Angle	Standard AT cuts
Angle Tolerance	+/- 2' or +/- 1'
Specification Note	Also as customer specified
Dimensions (mm)	5.508 dia x 0.080 mm
Dimensions (inches)	0.200 diagonal x 0.00315
Ship Pack Method	Waffle Pack

Not recommended for new designs as squares are much lower cost solution. See SM141 series.
 Dimensional tolerance is +/- 0.001" (1 mil) or +/- 0.0025mm