

SMD Glass Sealing Crystals 2.2x1.6 x 0.7 mm AR Series



Features

- Reliable glass sealed ceramic package.
- Wide operating temperature range.
- Superior and reliable performance in harsh environment.
- High resistance to solder cracking.
- Excellent environment-resistant performance, including heat, vibration and shock resistance.
- Contains Pb in sealing glass exempted by RoHS directive

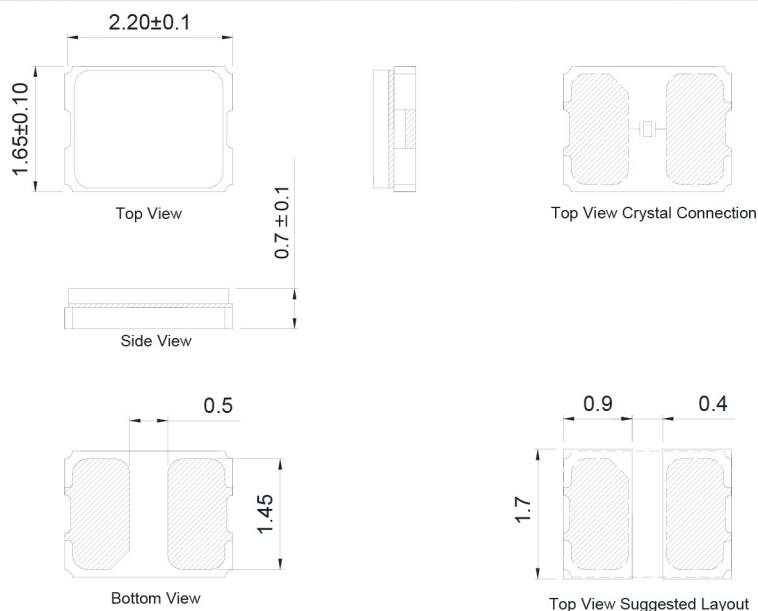
Electrical Specifications

Item / Type	AR
Frequency Range	16 ~ 50 MHz
Frequency Tolerance (at 25 °C)	± 30 ppm, or specify
Frequency Stability Over Operating Temperature Range	± 50 ppm Max.
Operating Temperature Range	- 40 ~ +125 °C
Shunt Capacitance (C0)	3 pF Max.
Drive Level	10 μW (typical) ; 100 μW (Max.)
Load Capacitance	8 pF, 10 pF or specify
Aging (at 25 °C)	± 3 ppm / year Max.
Storage Temperature Range	- 40 ~ +125 °C
Reliability Standard	AEC-Q200

Equivalent Series Resistance(ESR)

Fundamental	
16 ~ 20 MHz	300 Ω Max.
20 ~ 26 MHz	200 Ω Max.
26 ~ 50 MHz	120 Ω Max.

Dimensions



Units: mm