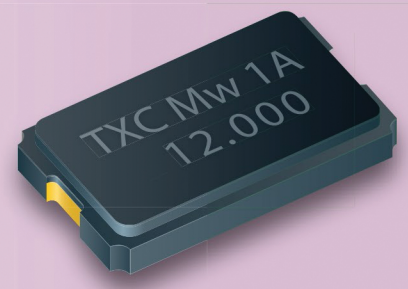
SMD
Glass Sealing Crystals
8.0 x 4.5 x 1.7 mm A2 Series

Automotive Application 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

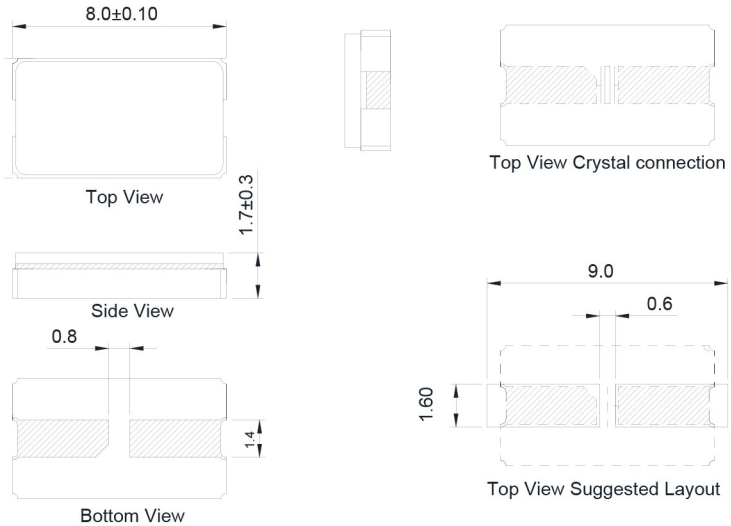


Electrical Specifications

Item / Type	A2
Frequency Range	4 ~ 40 MHz
Overtone	Fundamental
Frequency Tolerance (at 25 ℃)	± 30 ppm, ± 50 ppm Max.
Frequency Stability Over Operating Temperature Range	± 150 ppm Max.
Operating Temperature Range	- 40 ~ +150 ℃
Drive Level	10 μW (typical) ; 500 μW (Max.)
Load Capacitance	12 pF, or specify
Aging (at 25 ℃)	± 3 ppm / year Max.
Storage Temperature Range	- 40 ~ +150 ℃
Reliability Standard	AEC-Q200

Equivalent Series Resistance(ESR)

Fundamental	
4 ~ 10 MHz	200 Ω Max.
10 ~ 12 MHz	100 Ω Max.
12 ~ 40 MHz	80 Ω Max.



Units: mm

Remark : Specification subject to change without prior notice. Please confirm with our sales.