

Automotive Application Series

Remark

Specification subject to change without prior notice. Please confirm with our sales. http://www.txccorp.com

28

Downloaded from Arrow.com.

## SMD Glass Sealing Crystals 5.0 × 3.2 × 1.2 mm AA Series

## Features

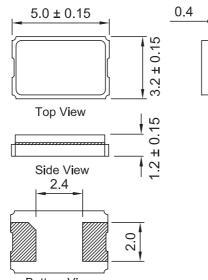
- · Compact glass sealed SMD crystal units.
- · Wide operating temperature range.
- · Superior and reliable performance in harsh environment.
- · Contains Pb in sealing glass exempted by Rohs directive.

Item / Type	AA
Frequency Range	7.2 ~ 48 MHz
Overtone	Fundamental
Frequency Tolerance (at 25 °C)	± 30 ppm, ± 50 ppm
equency Stability Over Operating Temperature Range	± 150 ppm Max.
Operating Temperature Range	- 40 ~ +150 °C
Drive Level	10 μW (typical) ; 300 μW (Max.)
Load Capacitance	12 pF, or specify
Storage Temperature Range	- 40 ~ +150 ℃
Raliability Standard	AEC-Q200

## Equivalent Series Resistance(ESR)

Fundamental		
7.2 ~ 12 MHz	150 Ω Max.	
12 ~ 20 MHz	100 Ω Max.	
20 ~ 48 MHz	50 Ω Max.	

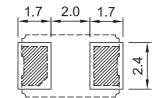
## Dimensions



Bottom View



Top View Crystal Connection



Top View Suggested Layout

Units: mm