

# SMD Glass Sealing Crystals 5.0 x 3.2 x 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.



## Electrical Specifications

| Item / Type                    | AA                               |
|--------------------------------|----------------------------------|
| Frequency Range                | 8 ~ 48 MHz                       |
| Overtone                       | Fundamental                      |
| Frequency Tolerance (at 25 °C) | ± 30 ppm                         |
| Frequency Stability            | ± 50 ppm Max. ( - 40 ~ + 85 °C ) |
| Operating Temperature Range    | - 40 ~ +125 °C                   |
| Drive Level                    | 10 μW (typical) ; 300 μW (Max.)  |
| Load Capacitance               | 8 pF, or specify                 |
| Storage Temperature Range      | - 40 ~ +150 °C                   |
| Reliability Standard           | AEC-Q200                         |

## Equivalent Series Resistance(ESR)

| Fundamental |            |
|-------------|------------|
| 8 ~ 12 MHz  | 150 Ω Max. |
| 12 ~ 20 MHz | 100 Ω Max. |
| 20 ~ 40 MHz | 50 Ω Max.  |

## Dimensions

