

SMD kHz Crystals 3.2 x 1.5 x 0.75 mm AH Series



Features

- 2 pads surface mount package.
- High reliable environmental performance.
- RoHS compliant /Pb Free.
- AECQ200 Certified for automotive RTC applications.

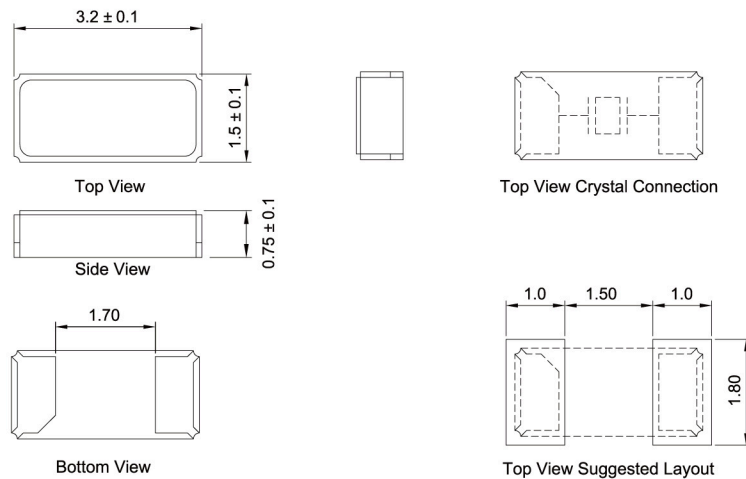
Electrical Specifications

| Item / Type | AH |
|-------------------------------|--|
| Norminal Frequency | 32.768 kHz |
| Frequency Tolerance(at 25 °C) | ± 20 ppm , or specify |
| Operation Temperature Range | - 40 ~ + 85 °C |
| Shunt Capacitance (C0) | 1.5pF typical |
| Motional Capacitance (C1) | 6.7fF typical |
| Insulation Resistance (IR) | 500 MΩ Min. |
| Drive Level (DL) | 0.5 μW Max. |
| Load Capacitance(CL) | 7.0 pF , 9 pF , or 12.5 pF |
| Turnover Temperature (Ti) | 25 °C ± 5 °C |
| Parabolic Coefficient (B) | (- 0.03 ± 0.01) * 10 ⁻⁶ / °C ² |
| Aging (at 25 °C) | ± 3 ppm at first year |
| Storage Temperature Range | - 55 ~ +125 °C |

Equivalent Series Resistance(ESR)

AH
 70 KΩ Max

Dimensions



Units: mm

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

Mouser Electronics

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