

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.



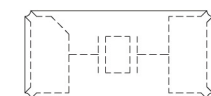
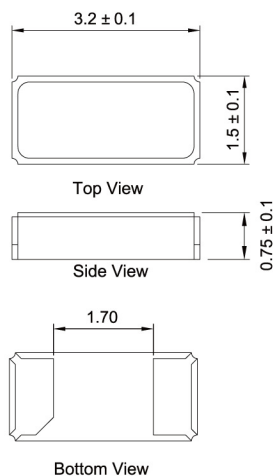
Electrical Specifications

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

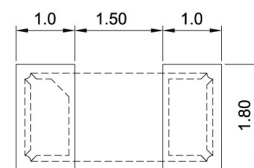
Equivalent Series Resistance(ESR)

AH
70 KΩ Max

Dimensions



Top View Crystal Connection



Top View Suggested Layout

Units: mm

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

Mouser Electronics

Authorized Distributor

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[AH03270003](#) [AH03270004](#) [AH03200003](#) [AH-32.768KAZF-T](#) [AH-32.768KDWB-T](#) [AH-32.768KDZY-T](#) [AH-32.768KBZF-T](#) [AH-32.768KDWC-T](#) [AH-32.768KDWF-T](#) [AH-32.768KDZC-T](#) [AH-32.768KDZF-T](#) [AH-32.768KDZB-T](#)
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