

SMD 32.768kHz Crystal Units

7M Series SMD 32.768kHz Crystal Unit

32.768kHz

Size: 7.0×1.5×1.4mm



Features

- Plastic molded 7015 size miniature SMD tuning fork crystal units with low profile of 1.4mm
- High precision and high frequency stability
- Automatic mount and reflow soldering
- Excellent heat resistance and environmental characteristics
- Application for PC, Small communication devices, Consumer devices, IoT, Smart grid, New energy, Power storage, etc.
- RoHS Compliant

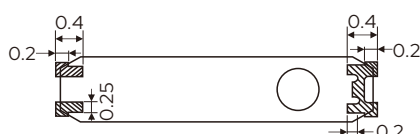
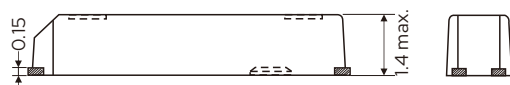
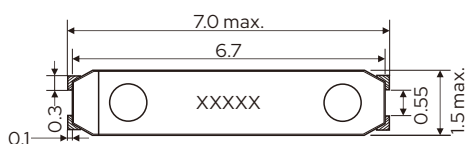


Standard Specifications

Item	Type	7M Series SMD 32.768kHz Crystal Units
Frequency Range		32.768 kHz
Load Capacitance		7pF, 9pF, 12.5pF, or specify
Drive Level		1.0μW max.
Frequency Tolerance		±20ppm, or specify
Series Resistance		65KΩ max.
Turnover Temperature		±25°C±5°C
Parabolic Coefficient		$(-0.034 \pm 0.006) \times 10^{-6} / ^\circ\text{C}^2$ max.
Operating Temperature Range		-20~+70°C, -40~+85°C, or specify
Storage Temperature Range		-55~+125°C
Shunt Capacitance		0.8pF Typ.
Size (L×W×H) (mm)		7.0×1.5×1.40
Packing Unit		3000pcs./reel

Dimensions

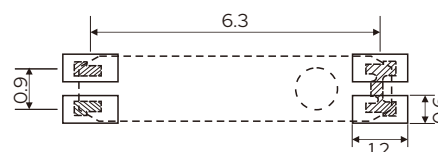
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Connection



Suggested Layout



Top View Suggested Layout