

mägno Teknik



MTSR32152P32R768K SMD CRYSTALS - 32152P Size











Features

- Low Profile
- Footprint: 3.2 mm x 1.5 mm
- Extended Temperature range
- Mode of Oscillation: Fundamental
- Holder Type: Seam 3.2 mm x 1.5 mm
- Tolerances down to ±10 ppm available
- Extremely good for reducing EMI effect
- Frequencies between 32.768 KHz and 50 MHz
- High precision and high frequency stability
- Storage Temperature Range: -55 °C ~ +125 °C
- Operating Temperature Range: -40 °C ~ +85°C

Product Image

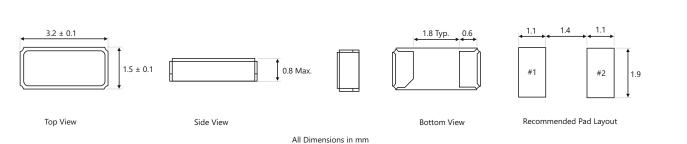


*Displayed image is only for reference purpose, original product may vary

Applications

- Set Top Box
- Microprocessor
- Smart Wearable
- Optical Network
- Industrial Devices
- IOT Communication
- Navigation Equipments
- Ethernet, USB, SATA, SAS,
- Test and Measurement Equipment
- Fibre Channel, Firewire, PCI Express
- HDTV, DVR, Scanners, Printers, IP camera

Dimensions



Electrical Specifications

Specification		Conditions
Frequency Range	32.768 KHz	
Equivalent Series Resistance	80K Ω Max	
Drive Level	1 μw Max	
Frequency Tolerance	± 20 ppm Max	at 25 ± 3°C
Frequency Temperature coefficient	-0.034 ± 0.006ppm/ (△°C)²	
Operating Temperature Range	-40 ~+ 85 °C	
Insulation Resistance	500m Ω Min	At 100 V DC
Shunt Capacitance	2.0pF Max	
Load Capacitance	12.5 pF	
Aging	± 3 ppm/year Max	
Storage Temperature Range	-55~+125°C	
Turnover Temperature	25 ± 5°C	-40 ~+ 85 °C

NOTE:

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