

LOW FREQUENCY SMD CRYSTAL / 6H SERIES

■ Features

- . Plastic mold package incorporated tubular type quartz crystal.
- . Suitable for automatic and high density surface mounting.
- . Excellent shock and heat resistance.
- . Multi dimension for choose.
- . Reasonable cost.

■ Electrical Specifications

| Item Type | 6H (T2/T3/T6/T7) | |
|--|---|--|
| Nominal Frequency (fo) | 32.768 KHz | |
| Frequency Tolerance (at 25 °C) | +/- 20 ppm | |
| Driver Level | 1 uW Max. | |
| Load Capacitance | 12.5 pF | |
| Frequency Stability Over Temperature Range | -10 °C to +60 °C | |
| Peak temperature (Frequency) | at 25 °C +/- 5 °C | |
| Frequency-Temperature coefficient | -4*10 ⁻⁸ /°C ² Max. | |
| Storage temperature | -55 °C to +125 °C | |
| Operating temperature | -40 °C to +85 °C | |
| Shunt capacitance | 1.0 pF TYPE. | |
| Motional capacitance | 2.1 fF TYPE. | |
| Insulation resistance | 500 Mohms min. at DC 100V +/- 15V | |
| Aging | +/-3 ppm/Year | |



| T2 | T3 | T6 | T7 |
|----------|----------|----------|----------|
| 50 Kohms | 55 Kohms | 55 Kohms | 65 Kohms |

■ Dimensions & Suggestion Layout















