

Features

- Plastic molded 32.768kHz SMD crystal unit of heat resistance
- High precision and reliability
- High reliable environmental performance
- Automatic mounting and reflow soldering
- Application for Smart Communication Devices, PDA, Game equipment, Smart Factory, etc.
- RoHS Compliant



Standard Specifications

Type	7M Series SMD Crystal
Frequency Range	32.768 kHz
Frequency Tolerance	±20ppm
Load Capacitance	9pF, 12.5pF, or specify
Operating Temperature Range	-40~+85°C, or specify
Storage Temperature Range	-55~+125°C
Drive Level	1.0μW Max.
Turnover Temperature	±25°C±5°C
Parabolic Coefficient	$(-0.035 \pm 0.005) \times 10^{-6}/^{\circ}\text{C}^2$
Shunt Capacitance	0.8pF Typ.
Aging (at 25°C)	±3ppm at first year
Packing Unit	3000pcs./Reel

Equivalent Series Resistance

Fundamental	
32.768 kHz	65kΩ Max.

Dimensions [mm]

