

# 32.768kHz SMD Crystal Units



Size: 7.0×1.5×1.40 mm

7M Series 32.768kHz SMD Crystal Units

## Features

- Plastic molded 32.768kHz SMD crystal unit of heat resistance
- High precision and reliability
- 7015 size and height 1.4mm Max
- High reliable environmental performance
- Automatic mounting and reflow soldering
- Application for Smart communication device, PDA, Game equipment, Smart Factory, etc.
- RoHS Compliant



## Standard Specification

Item /Type	7M (7M Series 32.768kHz SMD Crystal Units)
Frequency Range	32.768 kHz
Frequency Tolerance	±20ppm, or specify
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	$(-0.035±0.005)×10^{-6}/°C^2$
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]

