



Features

- Plastic molded SMD tuning fork crystal of heat-resistance.
- High precision and high frequency stability.
- Ultra thin type with height 1.4mm Max.
- Automatic mounting and reflow soldering.
- High reliable environmental performance.
- Applications in PC, gaming equipment, Radio communication, PDA, Smart Grid, etc



Electrical Specifications

Type	KMC7015 TUNING FORK CRYSTAL
Frequency Range	32.768 kHz
Load Capacitance	12.5pF
Drive Level	1.0μW Max.
Frequency Tolerance	±20ppm, or specify
Turnover Temperature	25°C±5°C
Parabolic Coefficient	$(-0.03±0.01) \times 10^{-6}/^{\circ}\text{C}^2$
Operating Temperature Range	-20~+70°C, -40~+85°C
Storage Temperature Range	-55~+125°C
Aging (at 25°C)	±3ppm at first year
Shunting Capacitance	0.8pF Typ.

Equivalent Series Resistance(ESR)

Fundamental	
32.768kHz	65 kΩ Max.

Ordering Information

KMC7015	R32K	125	20	A	
Product Code	Frequency Range	Load Capacitance	Frequency Tolerance	Operating Temperature	
	32.768 kHz	125 =12.5pF	20=±20ppm	A:-20~+70°C	D:-40~+125°C
				B:-10~+70°C	E:-10~+60°C
				C:-40~+85°C	F:-30~+70°C

Dimension

Units:mm

