



**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 TURNING 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)**

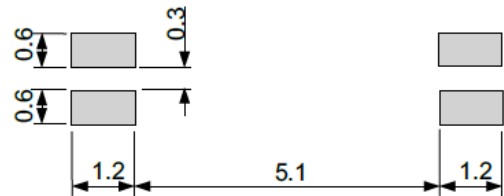
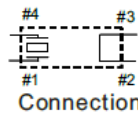
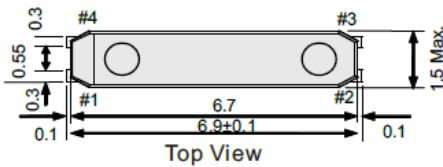
Fundamental	
32.768kHz	65 kΩ Max.

**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



Suggested Layout

