



Features

- SMD tuning fork crystal of lead formed heat-resistance.
- Automatic mounting and reflow soldering.
- High reliable environmental performance.
- Applications in Mobile communication, E-book Internet of things, Security, Smart Grid, Consumer electronics, etc.
- Small size.
- Wide frequency range.



Electrical Specifications

Type	KSM2060 TUNING FORK CRYSTAL
Frequency Range	32.768 kHz(30~350 kHz)
Load Capacitance	6.0~12.5pF, or specify
Drive Level	1.0μW Max.
Frequency Tolerance	±20~±100ppm
Turnover Temperature	25°C±5°C
Parabolic Coefficient	$(-0.034±0.006)*10^{-6}/^{\circ}C^2$
Operating Temperature Range	-20~+70°C, -40~+85°C
Storage Temperature Range	-55~+125°C
Aging (at 25°C)	±3ppm
Shunting Capacitance	2.0pF Typ.

Equivalent Series Resistance(ESR)

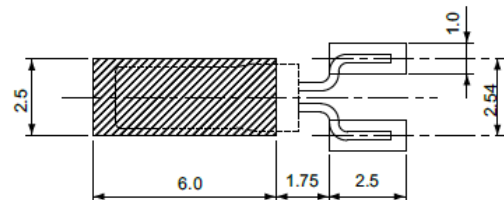
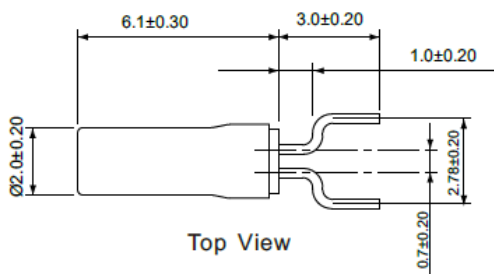
Fundamental	
30~350 kHz	50 kΩ Max.

Ordering Information

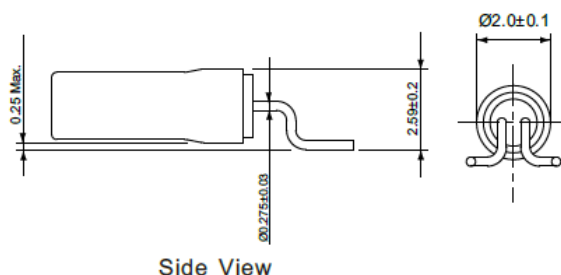
KSM2060	R32K	125	20	A	
Product Code	Frequency Range	Load Capacitance	Frequency Tolerance	Operating Temperature	
	32.768 kHz	125 =12.5pF	20=±20ppm A0=±100ppm	A:-20~+70°C B:-10~+70°C C:-40~+85°C	D:-40~+125°C E:-10~+60°C F:-30~+70°C

Dimension

Units:mm



Suggest Layout



Side View