

## Features

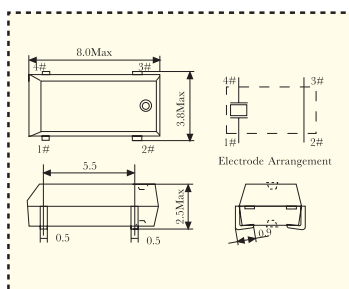
- ★ High- Stability
- ★ Plastic SM package
- ★ Excellent environmental capability
- ★ Source of clock signal
- ★ Suitable for small Telecommunication equipment

## Applications

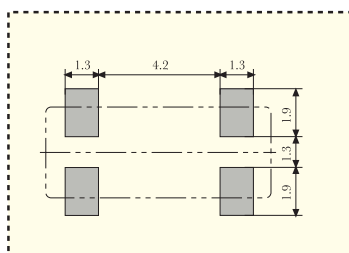
- ★ Watch and Clock
- ★ Telecommunication equipment
- ★ Instrumentation
- ★ Remote Control
- ★ Consumer Electronics
- ★ Audio / Video



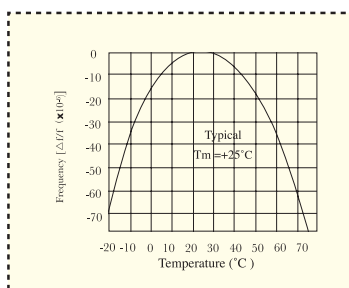
## Dimension (Unit: mm)



## Recommended Soldering (Unit: mm)



## Frequency Vs Temperature



## Specifications (Characteristics)

Item	Symbol	Specification
Normal Frequency	f	32.768KHz
Frequency Tolerance at 25°C	$\Delta f/f$	±20 ppm
Frequency Stability in Operating Temperature	$\Delta f/f$	See Frequency Vs Temp Curve
Load Capacitance	CL	12.5pF Typical
Operating Temp. Range	Topr	-40°C ~ +85°C
Storage Temp. Range	Tstg	-55°C ~ +125°C
Resistance of Series Resonance	Rs	50KΩ
Drive Level	PWR	1.0μW
Shunt Capacitance	C0	2.0pF
Motional Capacitance	C1	4.0fF Max
Insulation Resistance	IR	500MΩ Min at DC100 V
Aging Level	fa	±5.0ppm/yr Max @ 25°C
Packing		Tape and Reel Package 3,000pcs. per reel 10,000pcs. per export carton

★ Commonly used

## Part Number and Ordering

Part Number Code	Holder Type + Frequency + Tolerance + CL
Ordering Code	Same as Above
Example	ZM-206-32.768K-20-12.5P