

Features

- ★ High- stability
- ★ Small package
- ★ Excellent environmental capability
- ★ Time keep clock signal
- ★ Suitable for small telecommunication equipment

Applications

- ★ Watch and clock
- ★ Telecommunication equipment
- ★ Instrumentation
- ★ Remote control
- ★ Consumer electronics
- ★ Audio/video



Specifications (Characteristics)

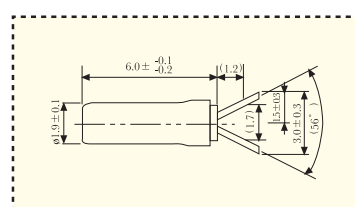
Item	Symbol	Specification
Normal Frequency	f	30 ~ 200KHz
Frequency Tolerance at 25°C	$\Delta f/f$	± 20 ppm
Frequency VS Temp.		See Frequency Vs Temperature Curve
Load Capacitance	CL	12.5pF Typical
Operating Temp. Range	Topr	-40°C ~ +85°C
Storage Temp. Range	Tstg	-55°C ~ +125°C
Resistance of Series Resonance	Rs	32 ~ 39KHz: 50K Ω Max 40 ~ 59KHz: 40K Ω Max 60 ~ 69KHz: 35K Ω Max 70 ~ 99KHz: 35K Ω Max
Drive Level	PWR	1.0 μ W Max
Shunt Capacitance	C0	2.0pF
Motional Capacitance	C1	4.0fF Max
Insulation Resistance	IR	500M Ω at DC100 V
Aging Level	fa	± 5.0 ppm/yr Max @ 25°C
Packing		Tape and Reel Package 2,000pcs per reel 10,000pcs per export carton

★ Commonly used

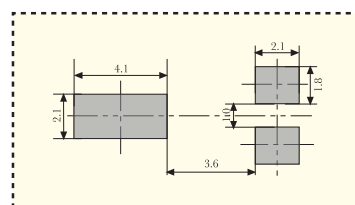
Part Number and Ordering

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

Dimension (Unit: mm)



Recommended Soldering (Unit: mm)



Frequency Vs Temperature

