

Features

- ★ High- stability
- ★ Small 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



Specifications (Characteristics)

Item	Symbol	Specification
Frequency Range	f	30 ~ 200KHz
Frequency Tolerance at 25°C	$\Delta f/f$	±20 ppm ±30 ppm ★ ±50 ppm ±100 ppm
Frequency VS Temp.	$\Delta f/f$	See Frequency Vs Temperature Curve
Load Capacitance	CL	12.5pF Typical
Operating Temp. Range	Topr	-10°C ~ +60°C
Storage Temp. Range	Tstg	-20°C ~ +70°C
Resistance of Series Resonance	Rs	32 - 39KHz : 40KΩ Max 40 - 59KHz : 30KΩ Max 60 - 69KHz : 25KΩ Max 70 - 99KHz : 22KΩ Max 100 - 200KHz : 20KΩ Max
Drive Level	PWR	1.0μW Max.
Shunt Capacitance	C0	2.0pF Max.
Insulation Resistance	IR	500MΩ at DC100 V
Aging Level	fa	±5.0ppm/yr @ 25°C
Packing		Bulk 100pcs per polybags 500pcs per inner box 10,000 per export carton

★ Commonly used

Part Number and Ordering

Part Number Code	Holder Type + Frequency + Tolerance/ + RS + CL
Ordering Code	Same as Above
Example	KT308-38K-40Ω-12.5P

Dimension (Unit: mm)

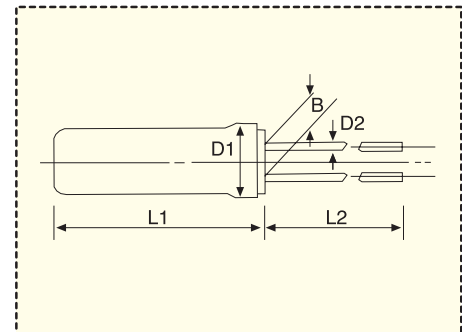


Table 1 Unit: mm

Type	L1	L2	D1	D2	B
2X6	6.2max	7.0	Ø2.1	Ø0.24	0.7
3X8	8.3max	10.0	Ø3.1	Ø0.30	0.8

Frequency Vs Temperature Curve

