Kingtronics®

QKT – 2060DIP

TUNING FORK (KHZ) CRYSTAL

FEATURES

Wide Frequency range.
High shock tolerance.
Small size.
Reliable frequency stability.
Pb-free and RoHS/Green compliant.

PICTURE

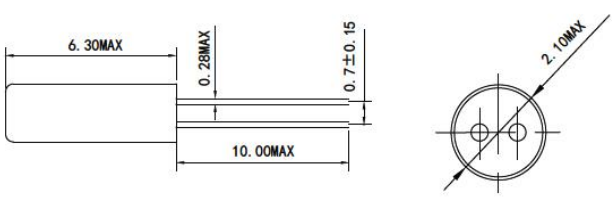
APPLICATIONS

Permits use as a clock source for communication equipment, AV equipment, OA equipment, measuring instruments and various of clocks.

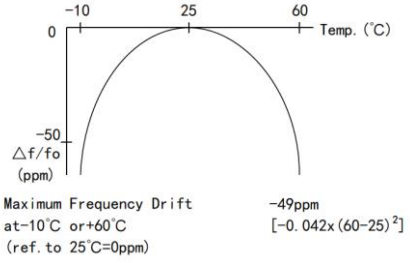
SPECIFICATIONS	
Holder Type	Tuning Fork 2060
Frequency Range	30KHz to 200KHz
Frequency Tolerance（△F）（at25℃）	±10ppm to ±30ppm
Parabolic curvature constant	-0.042ppm /（△℃）^{2} Maximum
Q - factor	50000 Minimum
Operating Temperature Range	-10℃ - +60℃
Storage Temperature Range	-40℃ - +85℃
Aging（25℃）	±5ppm/ year Maximum
Shunt Capacitance（C0）	1.0PF Typical，2pF Maximum
Motional Capacitance（C1）	2.5fF Typical
Drive Level	1μW Maximum
Insulation Resistance（Rs）	500 Mega ohms Minimum at D.C100V
Load Capacitance（CL）	Suggested by customer

EQUIVALENT SERIES RESISTANCE(ESR) AND MODE OF OPERATION	
Frequency Range	**ESR(Ω)**
30.000KHz ≤ f ＜40.000KHz	40KMax
40.000KHz ≤ f ＜60.000KHz	30KMax
60.000KHz ≤ f ＜70.000KHz	25KMax
70.000KHz ≤ f ＜100.000KHz	22KMax
100.000KHz ≤ f ＜200.000KHz	20KMax

MECHANICAL DIMENSIONS: Unit: mm



FREQUENCY VS.TEMPERATURE CURVE



Note: Specifications are subject to change without notice.