

QKC Series

ROHS Compatible

Application:

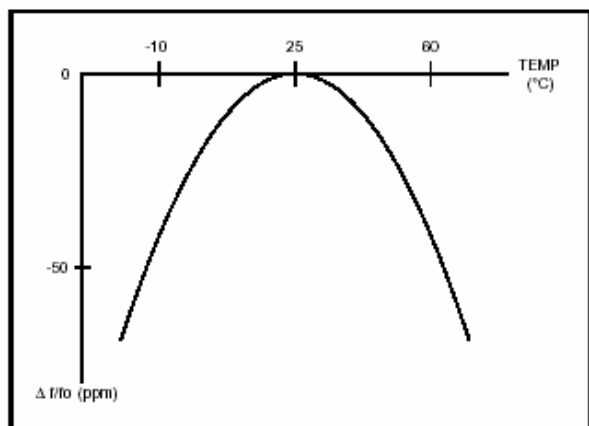
- Microprocessor Systems
- Consumer Electronics

Electrical Specification

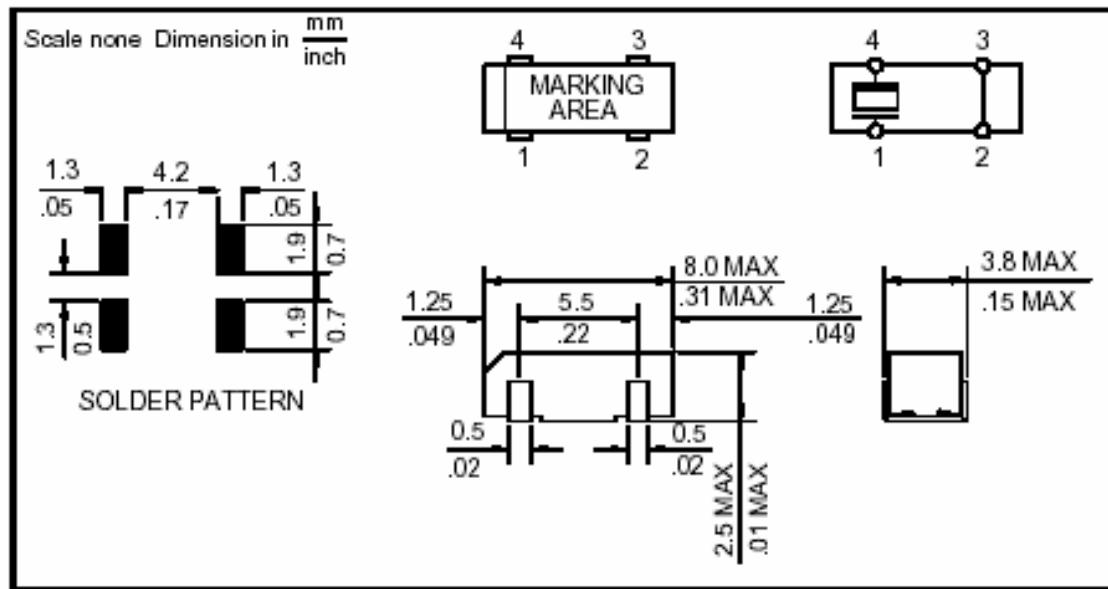
Frequency	32.768KHz
Frequency Tolerance (at 25°C)	±20ppm
ESR	50Kohm
Turnover Temperature	25 ± 5°C
Frequency Temperature Curve	-0.034(±0.006)ppm/°C ²
Storage Temperature Range	-55 °C to +125 °C
Operable Temperature Range	-40 °C to + 85 °C
Shunt Capacitance (C0)	1.3pF Typ
Motional capacitance (C1)	0.003pF TYP.
Driver Level (Typical)	1 μW Max
Load Capacitance(C _L)	12.5pF
Aging @25°C 1 st year (Max)	±3ppm, ±5ppm/year

REMARK: SPECIFICATIONS SUBJECT TO CHANGE WITHOUT PRIOR NOTICE. PLEASE CONFIRM WITH OUR SALES ENGINEER.

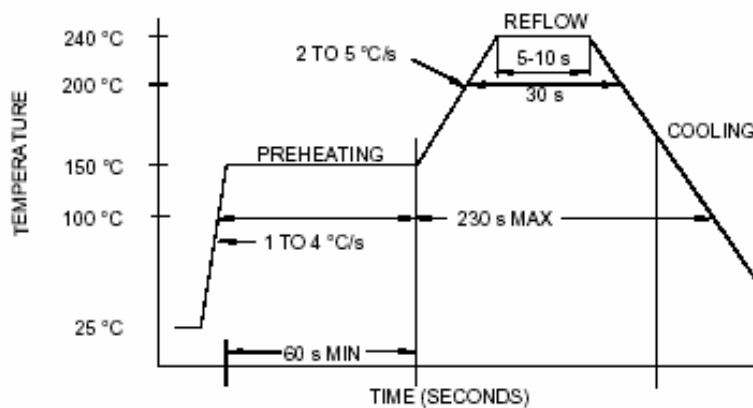
Frequency VS Temperature Curve



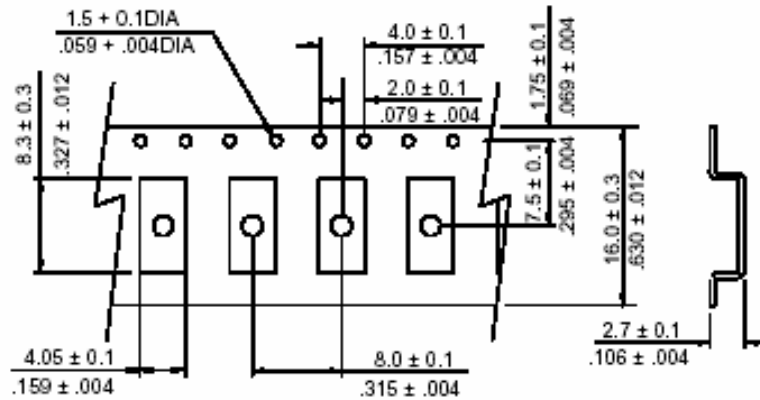
Dimensions (Unit: mm)



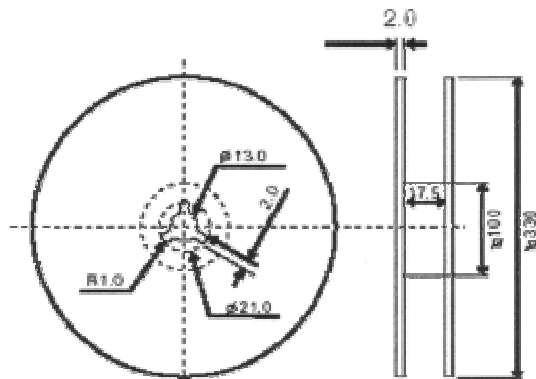
Reflow Soldering Profile



Packing (Tape & Reel)



Reel for 206A/206B/308C



Part number:

QKC	32.768	12.5	20	40	C
Model type: SMD Tuning fork 4pin	Frequency 32.768: 32.768KHz	Load capa. 12.5: 12.5pF	Frequency tolerance: 50:±50ppm 20:±20ppm	ESR: 40:40KΩ	Temperature range: A:-10~+70□ B:-20~+70□ C:-40~+85□