

Quartz Crystal Surface Mount Package For Tuning Fork 36.768KHz



FEATURE

- Wide Frequency range
- Small size
- Tape & Reel



APPLICATIONS

- Microprocessor Systems
- Consumer Electronics

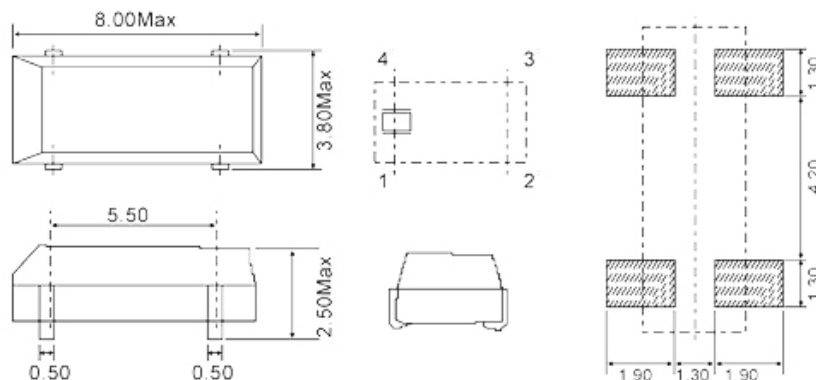
ELECTRICAL SPECIFICATIONS

Frequency	32.768KHz
Frequency Tolerance (at 25°C)	±20ppm -- ±100ppm
Load Capacitance(C _L)	12.5pF
ESR	30KΩ -- 50KΩ Max
Turnover Temperature	25 ± 5°C
Frequency Stability Temperature	-0.034ppm/°C ²
Operating Temperature Range	-10 °C to + 60 °C/ -40 °C to + 85 °C
Shunt Capacitance (C ₀)	1.3pF Typ
Dynamic Capacitance (C ₁)	2.4fF Typ
Driver Level (Typical)	1 μW Max
Insulation Resistance	500MΩ MIN at DC100V±15V
Aging @25°C 1 st year (Max)	±3ppm/year

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

DIMENSIONS

308C Type



Great Marking (HK) Industry Co., Limited.

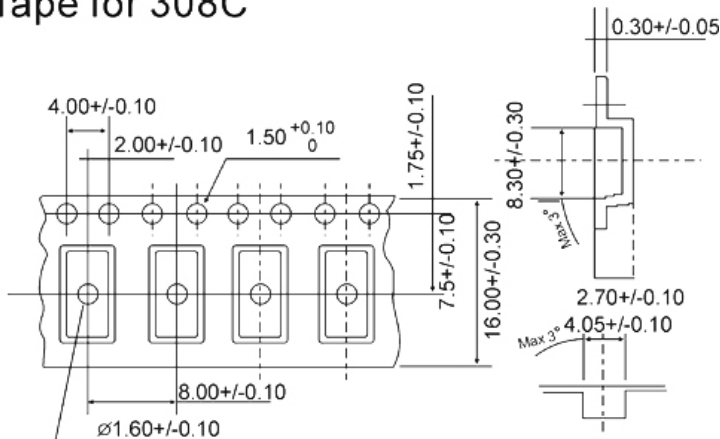
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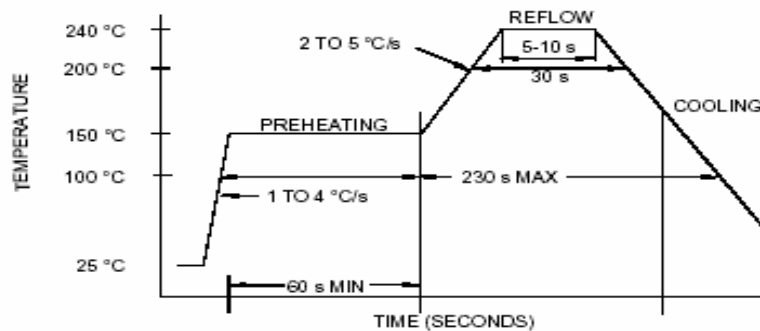
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Tape for 308C



REFLOW SOLDERING PROFILE



PART NUMBERING

GMK-308C-	32.768	20	12.5	40	C
	Frequency 32.768 KHz	Frequency tolerance ±20ppm	Load capacitance 12.5pF	E.S.R.max e.g. 40KΩmax	operating temperature range A:-10-60°C B:-20-70°C C:-40-85°C