

C195-SMD Model
32.768KHz Ceramic SMD Package



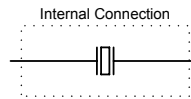
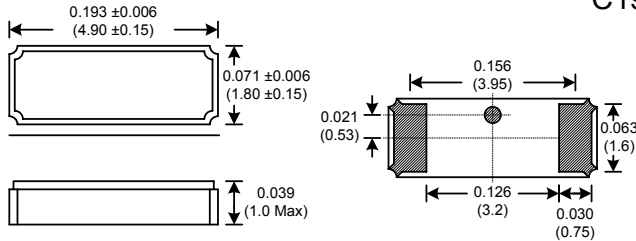
Tuning Fork Crystal



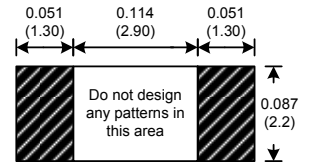
- Frequency:** 32.768KHz
- Calibration Tolerance:** ±20ppm Max
- Turnover Temperature:** 25°C ±5°C
- Frequency vs Temp.:** -0.034 ±0.006ppm/°C²
(See Chart 1)
- Operating Temp. Range:** -40°C to 85°C
- Storage:** -55°C to 125°C
- ESR:** 70K ohm Max
- Load Capacitance:** 12.5pF Typ.
- Motional Capacitance:** 0.003pF Typ.
- Shunt Capacitance:** 1.33pF Typ.
- Drive Level:** 1uW Max
- Insulation Resistance:** 500M ohm Min, DC100V±15V
- Aging (1st yr)** ±3ppm Max

Crystal package to meet today's demand for pick and place processing. Available on tape and reel in quantities of 3K for SMT placement.

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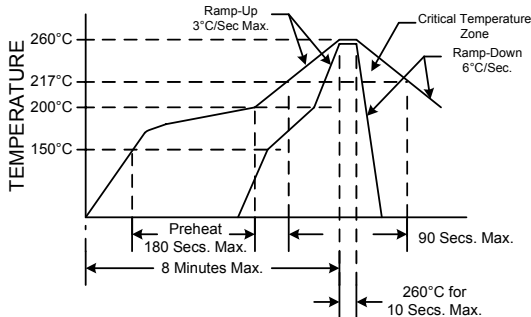


Solder Pad Layout



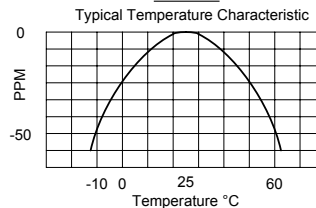
Dimensions inches (mm)
 All dimensions are Max unless otherwise specified.

RECOMMENDED REFLOW SOLDERING PROFILE



NOTE: Reflow Profile with 240°C peak also acceptable.

Chart 1



Specifications subject to change without notice.

TD-060402 Rev.C



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