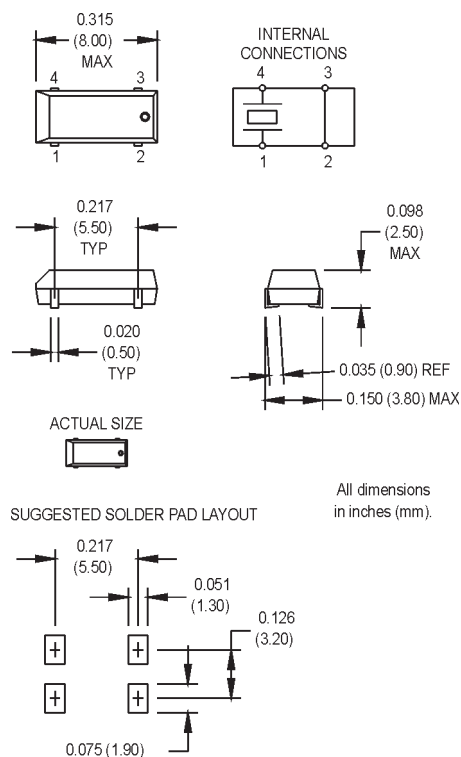


SX1555 and SX1555-R Series

3.8x8.0x2.5 mm - 32.768 kHz, Surface Mount Crystals



SX1555 Non RoHS compliant part.
SX1555-R RoHS compliant part.

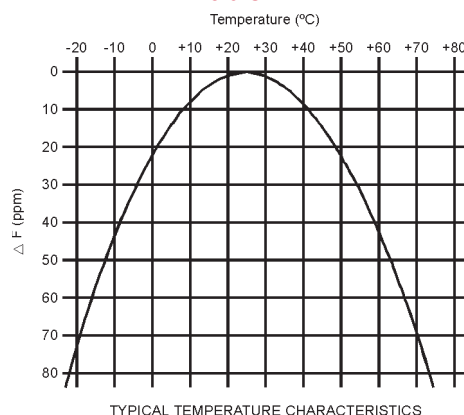


Electrical/Environmental Specifications

PARAMETERS	VALUE
Frequency Range	32.768 kHz
Tolerance @ +25°C	±30 ppm
Aging	±3 ppm/yr. Max.
Shunt Capacitance	1.35 pF Typical
Load Capacitance	12.5 pF Typical
Standard Operating Conditions	See Table 1
Storage Temperature	-55°C to +125°C
Equivalent Series Resistance (ESR), Max.	50K Ω
Resonance	Parallel
Quality Factor	50,000 Min.
Turnover Temperature	+24°C ±4°C
Parabolic Curvature Constant	-0.034 ppm/°C ² , Typical
Drive Level	1.0 μW Max.
Solder Conditions ¹	240°C for 10 seconds max.
Mechanical Shock	MIL-STD-202, Method 213, C
Vibration	MIL-STD-202, Method 201 & 204
Thermal Cycle	MIL-STD-883, Method 1010, B

Contact the factory for specifications not listed.
 Use MtronPTI part number **5011-004** for ± 20 ppm tolerance.

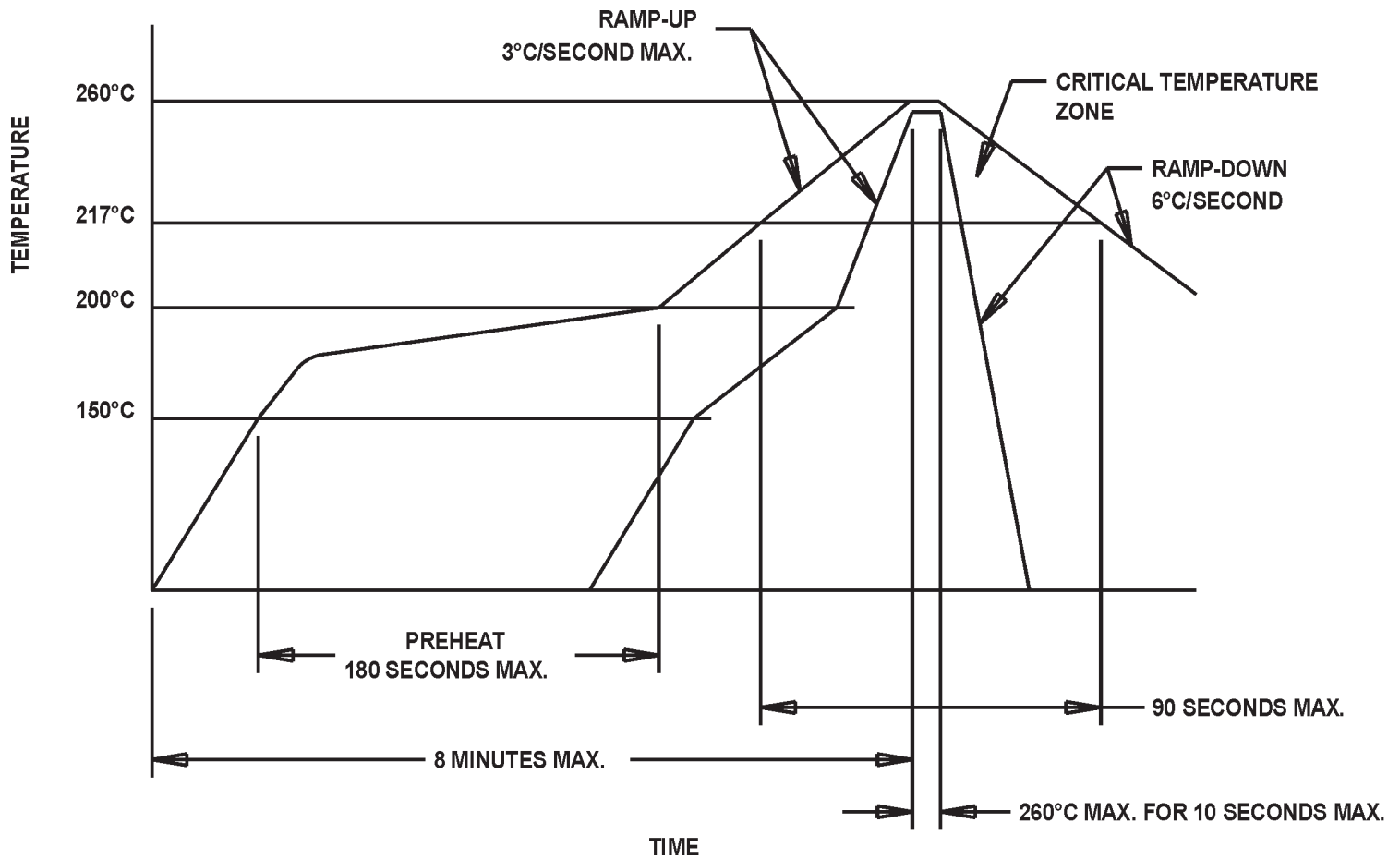
Table 1



MtronPTI reserves the right to make changes to the product(s) and service(s) described herein without notice. No liability is assumed as a result of their use or application.

Please see www.mtronpti.com for our complete offering and detailed datasheets. Contact us for your application specific requirements: MtronPTI 1-800-762-8800.

MtronPTI Lead Free Solder Profile



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