

MINIATURE CERAMIC SMD TUNING FORK CRYSTAL (1.27 x 1.05 x 0.5mm)

FEATURES:

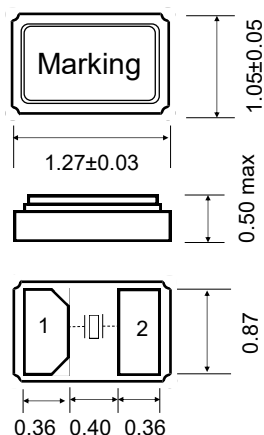
- ULTRA MINIATURE PACKAGE
- REFLOW COMPATIBLE
- RoHS COMPLIANT AND LEAD FREE



SPECIFICATION

FREQUENCY RANGE	32.768kHz
FREQUENCY TOLERANCE @ 25°C ± 3°C	±20ppm, ±50ppm
TEMPERATURE COEFFICIENT	-0.036 ppm / °C ² max. (±10%)
OPERATING TEMPERATURE RANGE	-40°C ~ +85°C
STORAGE TEMPERATURE RANGE	-55°C ~ +125°C
TURN OVER TEMPERATURE	25°C ± 5°C
LOAD CAPACITANCE	12.5pF, 9.0pF, 7.0pF, 6.0pF
SHUNT CAPACITANCE	1.4pF Typ
EQUIVALENT SERIES RESISTANCE	90kΩ max.
INSULATION RESISTANCE	500MΩ min. @ 100V _{DC} ±15V _{DC}
DRIVE LEVEL	0.1μW Typ, 0.3μW Max
AGING @ 25°C ± 3°C	±5 ppm max. for 1 st year

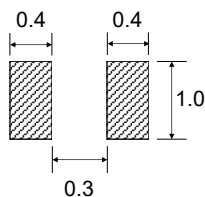
PACKAGE DIMENSIONS



Pin Configuration	
1	Xtal
2	Xtal

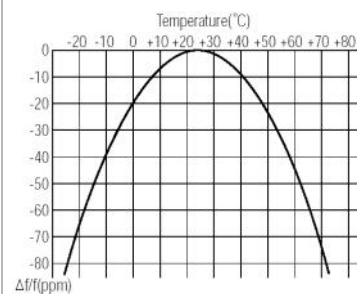
Unit : mm

SOLDER PATTERN

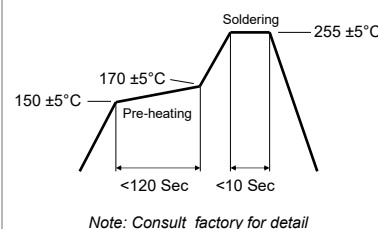


Unit :mm

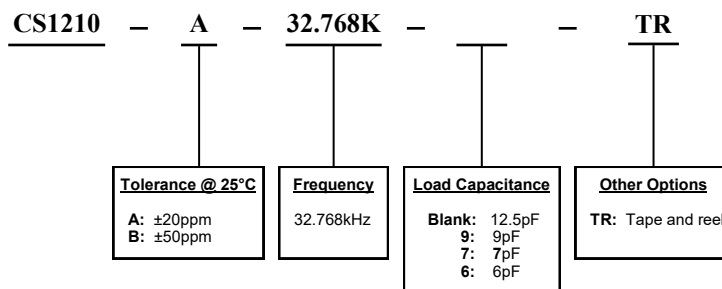
TEMP. COEFFICIENT



REFLOW PROFILE



PART NUMBERING GUIDE



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