

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

FEATURES:

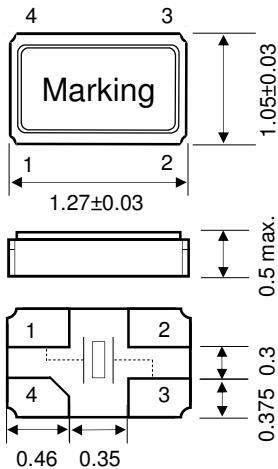
- SMALL SIZE CERAMIC SMD PACKAGE 32.768kHz
- 4 PADS PACKAGE
- -40°C ~ 85°C OPERATING TEMPERATURE



SPECIFICATION

FREQUENCY	32.768kHz
FREQUENCY TOLERANCE @ 25°C ± 3°C	±20ppm, ±50ppm
TEMPERATURE COEFFICIENT	-0.036ppm / °C ² (±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	±5.0ppm/ 1 st year max.

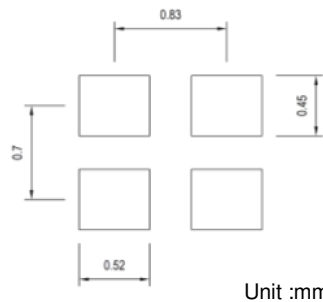
PACKAGE DIMENSIONS



Pin Configuration	
1	Xtal
3	Xtal

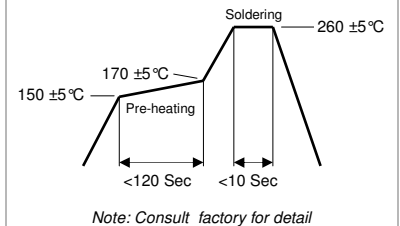
Unit : mm

SOLDER PATTERN



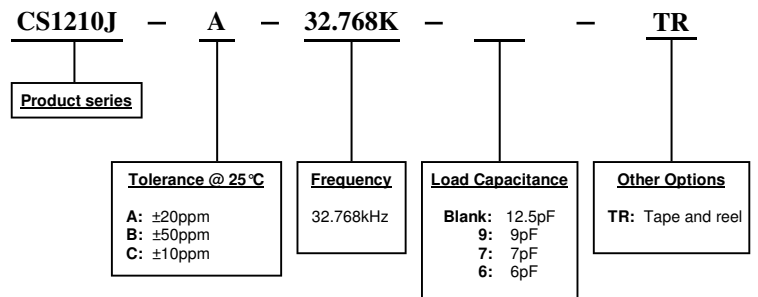
Unit : mm

REFLOW PROFILE

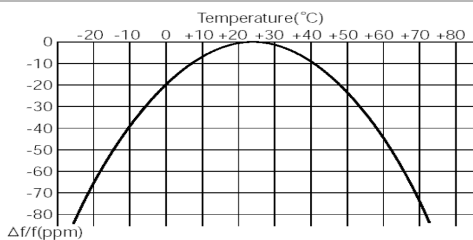


Note: Consult factory for detail

PART NUMBERING GUIDE



TEMPERATURE COEFFICIENT



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