

## PLASTIC MOLDED SMD TUNING FORK CRYSTAL (7.0 x 1.5 x 1.4mm)

### FEATURES:

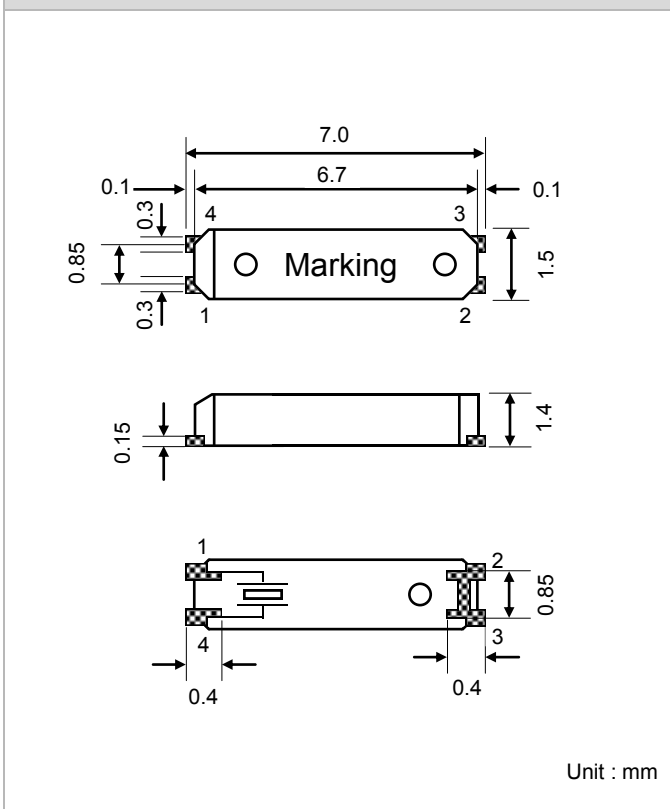
- MINITURE TUNING FORK CRYSTAL
- LOW PROFILE FOR HIGH DENSITY PCB DESIGN
- INDUSTRIAL OPERATING TEMPERATURE RANGE (-40°C ~ 85°C)



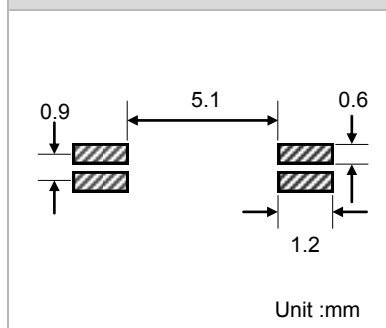
### ■ SPECIFICATION

FREQUENCY RANGE	32.768kHz
FREQUENCY TOLERANCE @ 25°C	±20ppm, ±50ppm
TEMPERATURE COEFFICIENT	-0.034ppm ±0.006 ppm / °C <sup>2</sup>
OPERATING TEMPERATURE RANGE	-40°C ~ 85°C
STORAGE TEMPERATURE RANGE	-55°C ~ 125°C
TURN OVER TEMPERATURE	25°C ± 5°C
LOAD CAPACITANCE	STD: 12.5pF (See P/N guide for other options)
SHUNT CAPACITANCE	1.20pF typ.
MOTIONAL CAPACITANCE	0.0023pF typ.
EQUIVALENT SERIES RESISTANCE	65kΩ max.
INSULATION RESISTANCE	500MΩ min. @ 100V <sub>DC</sub> ± 15V <sub>DC</sub>
DRIVE LEVEL	0.1μW typ. 1.0μW max.
AGING @ 25°C ± 3°C	±3.0ppm/ 1 <sup>st</sup> year max.
SHOCK	±5.0ppm max.
VIBRATION	±5.0ppm max.

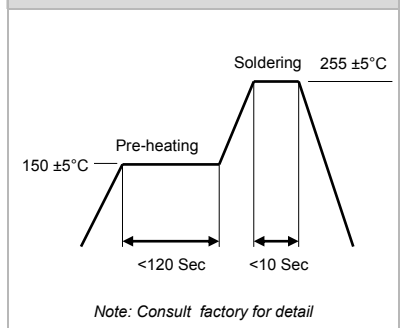
### ■ PACKAGE DIMENSIONS



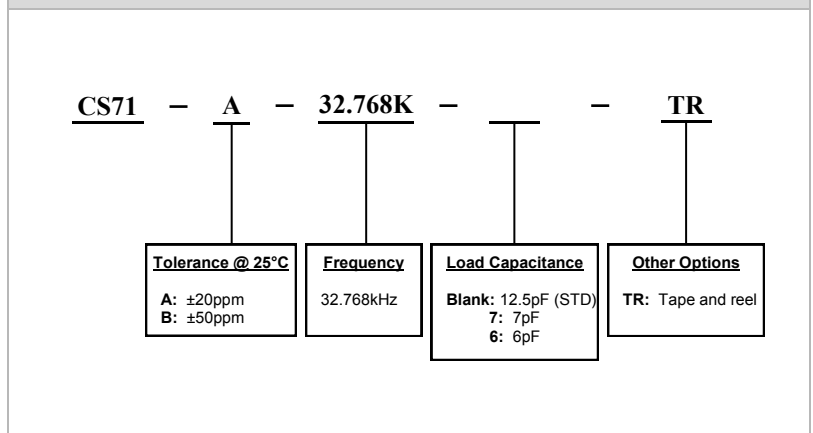
### ■ SOLDER PATTERN



### ■ REFLOW PROFILE



### ■ PART NUMBERING GUIDE



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