

### TUNING FORK CYLINDRICAL CRYSTAL (2.0 x 6.0mm)

**FEATURES:**

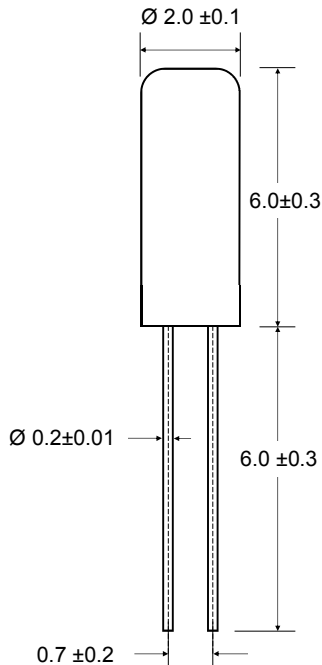
- MINIATURE TUNING FORK CRYSTAL
- EXCELLENT HEAT RESISTANCE



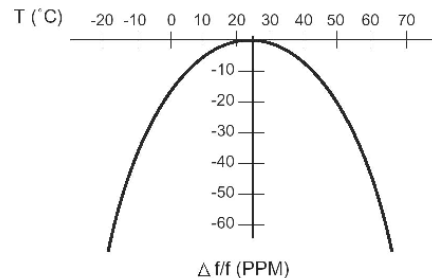
**■ SPECIFICATION**

FREQUENCY RANGE	STD: 32.768kHz (30kHz ~ 360kHz available)
FREQUENCY TOLERANCE @ 25°C	±20ppm
TEMPERATURE COEFFICIENT	-0.034ppm ±0.006ppm / °C <sup>2</sup> typ.
OPERATING TEMPERATURE RANGE	-20°C ~ 70°C (-40 to 85°C option)
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	1.35pF typ.
MOTIONAL CAPACITANCE	0.003pF typ.
CAPACITANCE RATIO	460 typ.
EQUIVALENT SERIES RESISTANCE	50kΩ max.
INSULATION RESISTANCE	500MΩ min. @ 100V <sub>DC</sub> ±15V <sub>DC</sub>
DRIVE LEVEL	1.0μW max.
AGING @ 25°C ± 3°C	±5.0ppm / 1 <sup>st</sup> year max.

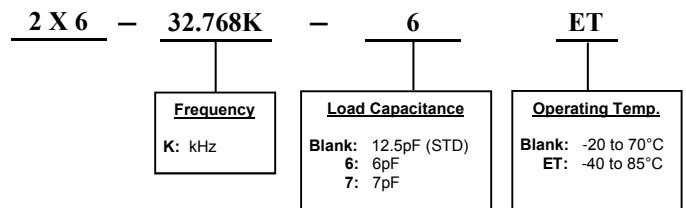
**■ PACKAGE DIMENSIONS**



**■ TEMPERATURE COEFFICIENT**



**■ PART NUMBERING GUIDE**



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