

### TUNING FORK CYLINDRICAL CRYSTAL (1.5 x 5.1mm)

#### FEATURES:

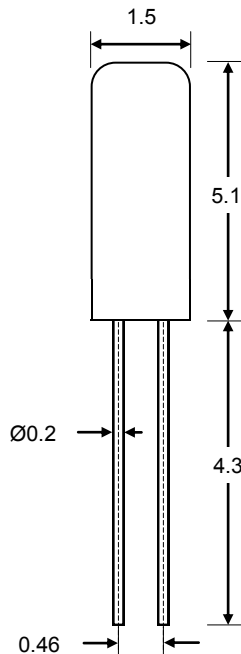
- MINIATURE TUNING FORK CRYSTAL
- EXCELLENT HEAT RESISTANCE
- WATCH FREQUENCY



#### ■ SPECIFICATION

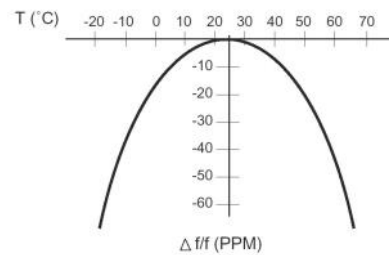
FREQUENCY RANGE	32.768kHz
FREQUENCY TOLERANCE @ 25°C	±20ppm
TEMPERATURE COEFFICIENT	-0.040ppm / °C <sup>2</sup> max.
OPERATING TEMPERATURE RANGE	-20°C ~ 70°C
STORAGE TEMPERATURE RANGE	-40°C ~ 85°C
TURN OVER TEMPERATURE	25°C ± 5°C
LOAD CAPACITANCE	STD: 12.5pF
SHUNT CAPACITANCE	2.0pF max.
MOTIONAL CAPACITANCE	0.003pF typ.
CAPACITANCE RATIO	460 typ.
EQUIVALENT SERIES RESISTANCE	60kΩ 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

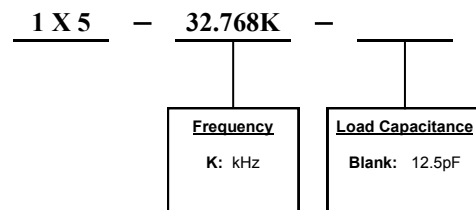


Unit:mm

#### ■ TEMPERATURE COEFFICIENT



#### ■ PART NUMBERING GUIDE



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