

## MINIATURE CERAMIC SMD TUNING FORK CRYSTAL (3.2 x 1.5 x 0.8mm)

### FEATURES:

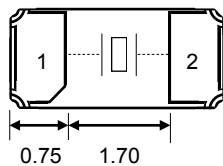
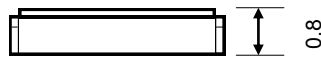
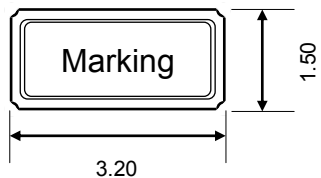
- SMALL CERAMIC SMD PACKAGE TUNING FORK
- EXCELLENT HEAT RESISTANCE
- -40°C ~ 85°C OPERATING TEMPERATURE



### ■ SPECIFICATION

FREQUENCY	32.768kHz
FREQUENCY TOLERANCE	STD: ±20ppm (See P/N guide for other options)
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	2.0pF max.
MOTIONAL CAPACITANCE	0.0036pF typ.
EQUIVALENT SERIES RESISTANCE	80kΩ 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.

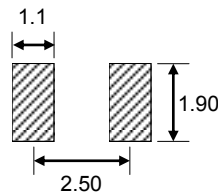
### ■ PACKAGE DIMENSIONS



Unit : mm

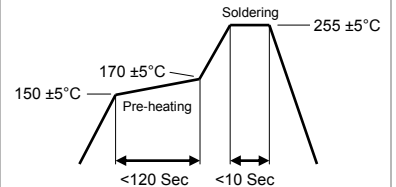
Pin Configuration	
1	Xtal
2	Xtal

### ■ SOLDER PATTERN



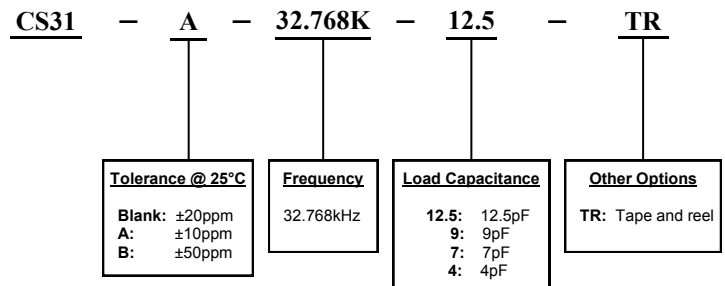
Unit :mm

### ■ REFLOW PROFILE



Note: Consult factory for detail

### ■ PART NUMBERING GUIDE



Transko Electronics, Inc reserves the right to make changes to the product (s), service (s), and specification (s) described herein without notice. See "Terms of Sale" for details on our website.