

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

FEATURES:

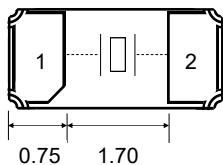
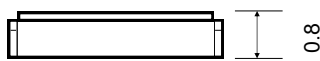
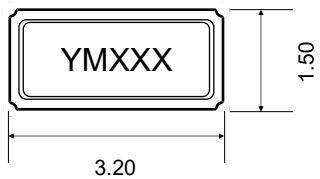
- SMALL CERAMIC SMD PACKAGE TUNING FORK
- EXCELLENT HEAT RESISTANCE
- -40°C ~ 85°C OPERATING TEMPERATURE



■ SPECIFICATION

FREQUENCY	32.768kHz
FREQUENCY TOLERANCE	STD: ±20ppm (See P/N guide for other options)
TEMPERATURE COEFFICIENT	-0.034ppm ±0.006 ppm / °C ²
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	70kΩ max.
INSULATION RESISTANCE	500MΩ min. @ 100V _{DC} ± 15V _{DC}
DRIVE LEVEL	0.1μW typ. 1.0μW max.
AGING @ 25°C ± 3°C	±3.0ppm / 1 st year max.
SHOCK	±5.0ppm max.
VIBRATION	±5.0ppm max.

■ PACKAGE DIMENSIONS

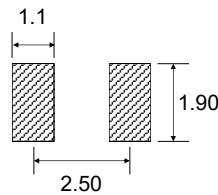


Marking format
Y = last digit of year
M = 1-9, X, Y, Z
XXX = lot code

Pin Configuration	
1	Xtal
2	Xtal

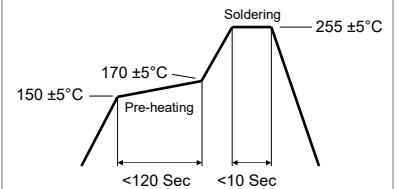
Unit : mm

■ SOLDER PATTERN

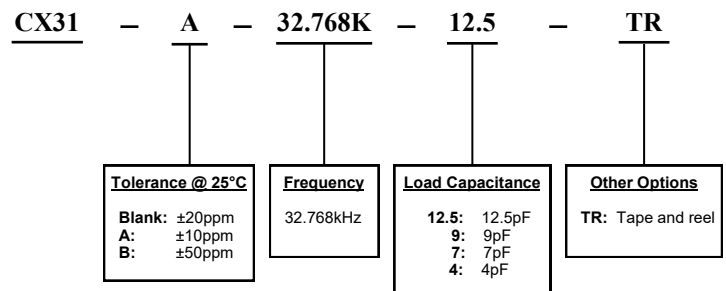


Unit : mm

■ REFLOW PROFILE

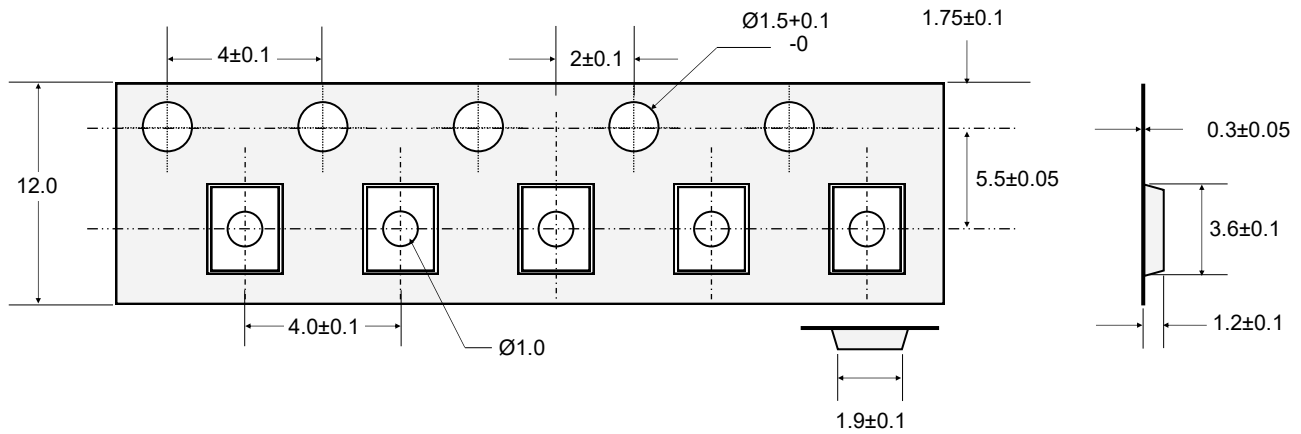


■ PART NUMBERING GUIDE

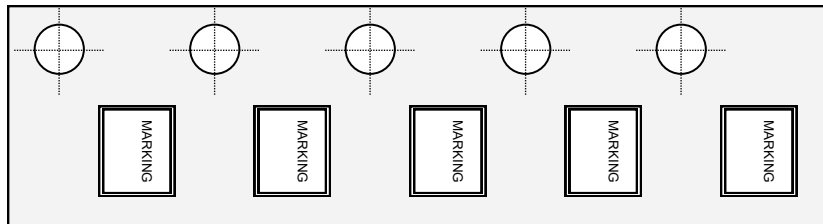


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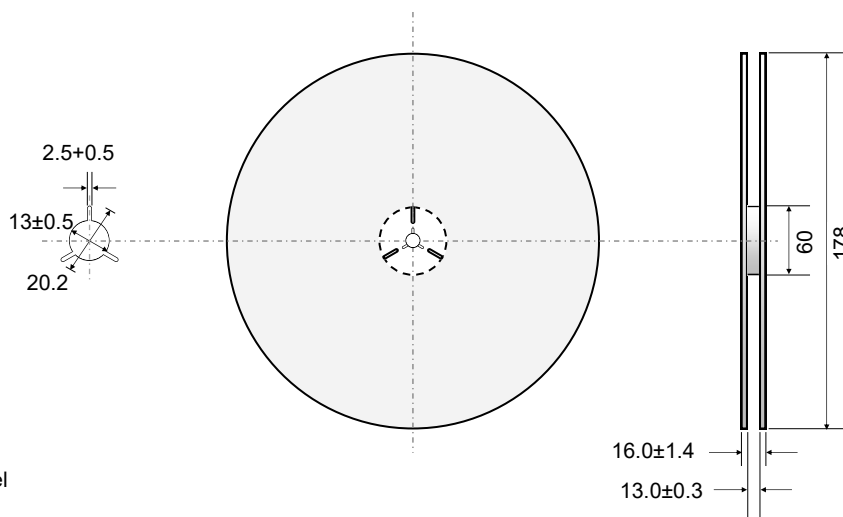
► **Tape (Carrier) Dimensions**



► **The Direction of Packing**



► **Reel Dimensions**



** Q'ty: 3000pcs/reel

Unit: mm

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