

# **TFNC Series Tuning Fork Crystal**

#### **Features**

- 32.7680kHz Frequency Reference
- Tuning Fork Crystal Design
- Cylindrical Thru-Hole Package
- Compatible to Citizen CFS Series and Epson C-Type
- Frequency Tolerance, ±20ppm Standard
- Parabolic Temperature Coefficient
- Packaging Bulk in Bag

# **Applications**

- Real Time Clock Reference
- FPGAs & Microcontrollers
- Wireless Communications
- Consumer Electronics
- Computer Peripherals
- IoT Applications
- Instrumentation
- Industrial Electronics

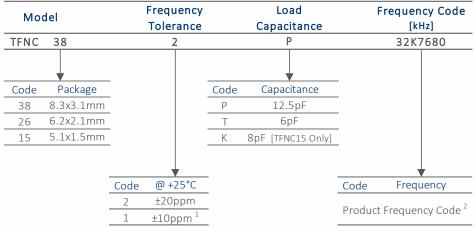


- Lead-Free Termination Finish
- Exemption 7(a), Lead [Pb] in high melting temperature type solders

# Description

CTS TFNC Series is ideal for supporting wide range of electronic designs requiring a Real Time Clock reference. This series will support general commercial applications.

# Ordering Information



#### Notes:

- 1] Check factory for availability.
- 2] Frequency is recorded with two leading digits before the 'K' and 4 significant digits after the 'K' [including zeros].

Not all performance combinations and frequencies may be available. Contact your local CTS Representative or CTS Customer Service for availability.

This product is specified for use only in standard commercial applications. Supplier disclaims all express and implied warranties and liability in connection with any use of this product in any non-commercial applications or in any application that may expose the product to conditions that are outside of the olerances provided in its specification.

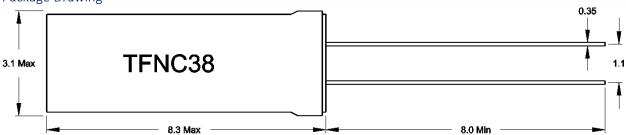
YIJIN ELECTRONICS CO: LTD TEL: 0755-27876565

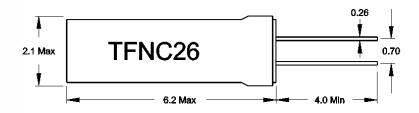
http://www.vc-tcxo.com 18924600166 QQ: 857950243

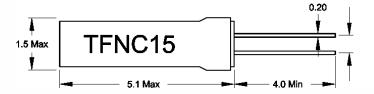


# **Mechanical Specifications**

## Package Drawing







Key: mm

### Marking Information

Refer to document 016-0071-0, TF Marking Guide, for marking formats by product family.

#### Notes

- 1. JEDEC termination code (e2). Barrier-plating is nickel [Ni] with tin [Sn] copper [Cu] finish.
- 2. Soldering iron attach; +300°C maximum, 5 seconds.
- 3. MSL = 1.

# Packaging - Bulk in Bag

#### Notes

- 1. Packaging is bulk in plastic bag.
- 2. Complete CTS part number, frequency value, date code and manufacturing site code information must appear on reel and carton labels.

SHENZHEN YIJIN ELECTRONICS CO: LTD TEL: 0755-27876565

18924600166 QQ: 857950243 http://www.vc-tcxo.com