

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

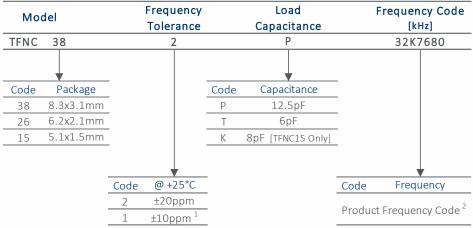


- Lead-Free Termination Finish
- Exemption 7(a), Lead [Pb] in high melting temperature type solders

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.

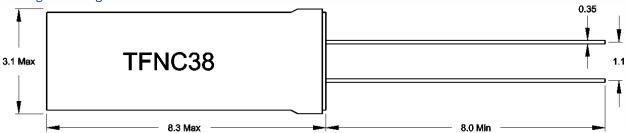
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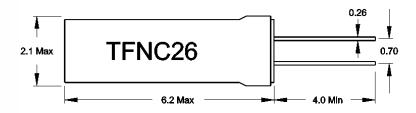


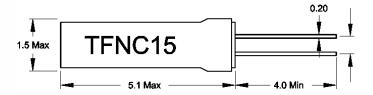


Mechanical Specifications

Package Drawing







Notes

1. JEDEC termination code (e2). Barrier-plating is nickel [Ni] with tin [Sn] copper [Cu] finish.

Key: mm

- 2. Soldering iron attach; +300°C maximum, 5 seconds.
- 3. MSL = 1.

Marking Information

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

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.