



The Connor-Winfield Corporation  
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## PRODUCT/ PROCESS CHANGE NOTICE

**Number:** 2117-3

**Date:** 9/29/21

**From:** Ken Olp

**ECO#:**

**ECO Ref.:** (Class: 3 Notification)

**Effective Date:** 11/01/21

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**Change Category:** Change in Existing Product Design/Component Parts

**Change Description:** TCXO design change from ceramic carrier substrate containing the TCXO compensation IC with a separately packaged crystal, to a 2.5x2.0mm ceramic package TCXO mounted on an FR4 substrate.

**Reason for Change:** Due to the EOL status of the TCXO compensation IC we were previously using.

**Products Affected:** 3.3Vdc 5x7mm TCXO T-series, TV-series, D-series, and DV-series,  $\pm 0.5$ ppm and  $\pm 1.0$ ppm parts, at frequencies 10, 12.8, 20, 25, 25.6, 27, 40, and 50MHz. Please contact the factory for specific part numbers.

**Change Impact:** Product part numbers will change for the new configuration. See datasheet TX452.

**CHANGEOVER PROCESS:** This change will be implemented upon customer approval of the new design configuration.

**Effect on Product Performance:**

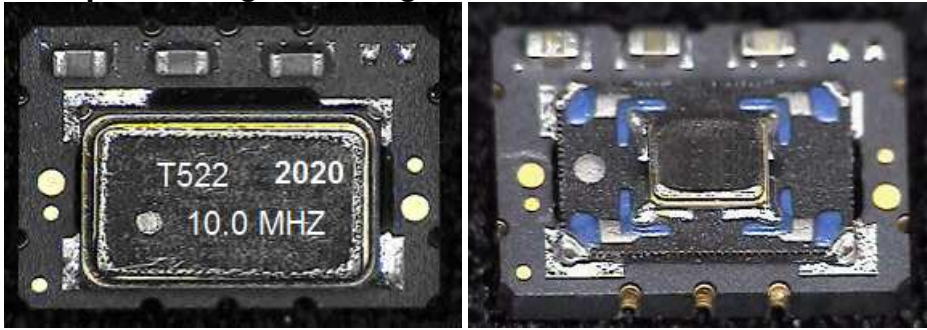
The electrical performance is equal or better in all test cases.

**Marking change:** Due to limited marking surface area, the products with 4-character (YYWW) date code formats will be changing to a 2-character (YM) format.

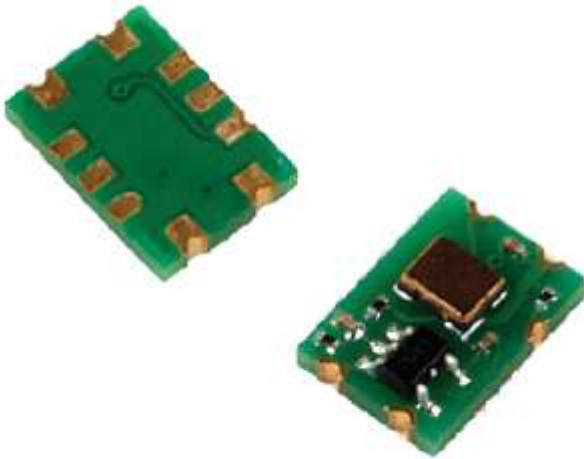
**Physical dimension change:**

There is a height change, in some cases an increase from 2.0 to 2.1mm, and in some cases a decrease in height from 2.4mm to 2.1mm, depending on the original configuration.

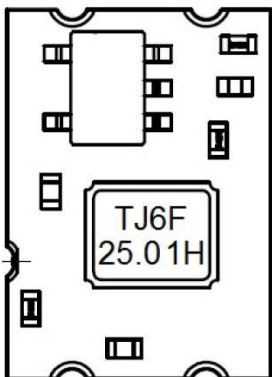
**Examples of original configurations:**



**New configuration:**



**New marking configuration with 2-Character Date Code:**



**Test SAMPLES Available:** X Yes  No

**Test DATA Available:** X Yes  No

**Connor-Winfield Contact Person:** Ken Olp, Engineering Mgr 630-851-4722 Ext 5511,  
kolp@conwin.com

### **CUSTOMER RESPONSE**

This PCN requires customer notification only. Please use this form if necessary to respond and direct to the attention of the contact person at Connor-Winfield Corporation.

If Unacceptable, Explain:

Customer Contact:

Telephone:

Email

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Current CW P/N	Proposed New P/N
<b>D75F-025.0M</b>	<b>TJ5E-025.0M</b>
<b>D75F-027.0M</b>	<b>TJ5E-027.0M</b>
<b>D75J-040.0M</b>	<b>TJ5F-040.0M</b>
<b>D75J-050.0M</b>	<b>TJ5F-050.0M</b>
<b>DV75D-010.0M</b>	<b>TVJ6F-010.0M</b>
<b>DV75D-012.8M</b>	<b>TVJ6F-012.8M</b>
<b>DV75D-020.0M</b>	<b>TVJ6F-020.0M</b>
<b>T622-020.0M</b>	<b>TJ6F-020.0M</b>
<b>T622-024.576M</b>	<b>TJ6F-024.576M</b>