



## PRODUCT/ PROCESS CHANGE NOTICE

**Number:** 1602-1

**Date:** 8/12/16

**From:** Ken Olp

**ECO#:**

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

**Effective Date:** 8/12/16

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**Reason for Change:** Packaging change to the circuit assembly.

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

**Executive Summary:** Change in packaging configuration for enhanced device manufacturability and component availability.

**Products Affected:** 3225 TCXO C-series and D32G-series. (See below for full list of part numbers).

**Effect on Product Performance:** The original package configuration is a 3225 crystal ceramic package (contains crystal only) stacked on top of a 3225 ceramic substrate containing the compensation IC. This stack-up forms the complete TCXO.

The new package configuration is a crystal and compensation IC housed together in a 2520 ceramic package stacked on top of a 3225 ceramic "carrier" substrate.

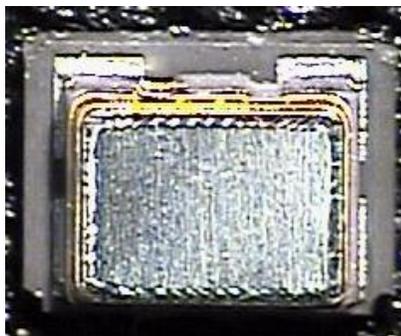
The bottom footprint, pin configuration, and overall dimensions remain the same.

This modification will result in on-going component availability and enhanced manufacturability with no change in component electrical performance.

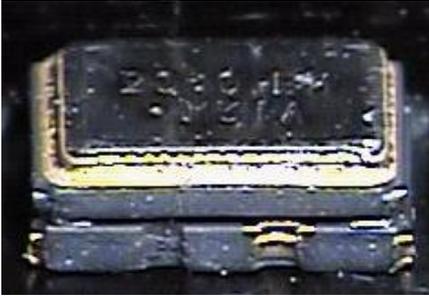
**Original**



**New**



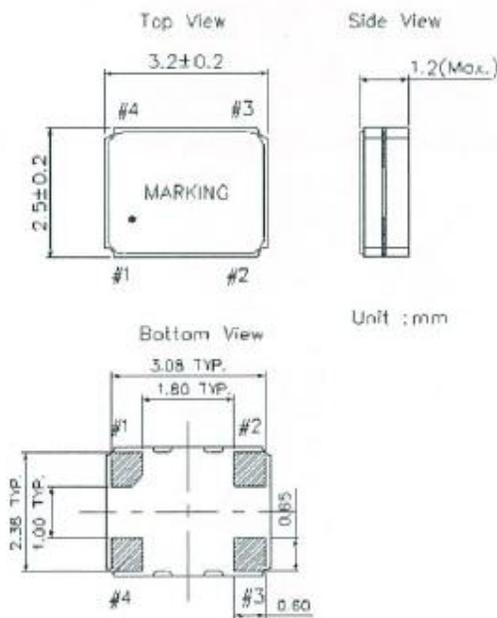
## Original



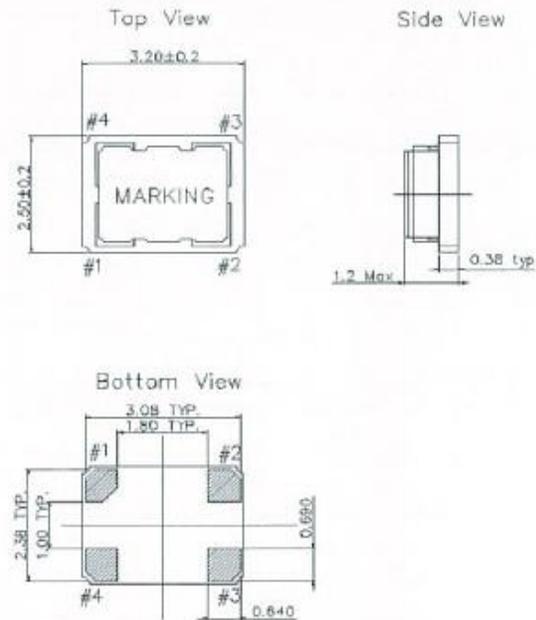
## New



## Original



## New



### Change Impact:

Product model will remain the same.

**CHANGEOVER PROCESS:** The implementation date of this change will be different for each model depending on existing inventory of the original design. Consult Connor-Winfield Sales Department for specific implementation date information.

Test SAMPLES Available:  Yes  No

Test DATA Available:  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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Affected Part Numbers:

C11-030.0M  
C11-010.0M  
C11-013.0M  
C12-025.0M  
C14-036.0M  
C31-016.368M  
C31-020.0M  
C31-030.0M  
C31-026.0M  
C32-018.432M  
C32-020.0M  
C32-025.0M  
C32-027.0M  
C33-025.0M  
C34-024.0M  
C41-016.368M  
C41-019.2M  
C41-020.0M  
C41-026.0M  
C41-040.0M  
C42-010.0M  
C42-020.0M  
C42-026.0M  
C42A-020.0M  
C55-025.6M  
C01-030.0M  
C71-010.0M  
C71-020.0M  
C71-040.0M  
C74-010.0M  
C81-010.0M  
C81-020.0M  
CA1-010.0M  
CA1-013.0M  
CC5-024.0M

CE1-030.0M

D32G-010.0M

D32G-016.368M

D32G-019.2M

C32G-020.0M

D32G-020.46M

D32G-026.0M

D32G-026.5625M

D32G-032.736M

D32G-040.92M