



## PRODUCT/ PROCESS CHANGE NOTICE

**Number:** 1504-1-2

**Date:** 4/20/15

**From:** Joseph Bloch

**ECO#:** 09202

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

**Effective Date:** With product shipped beginning 6/18/15

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**Reason for Change:** Component (crystal) change to the circuit assembly and an addition of a ceramic "adapter" substrate to accommodate component placement.

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

**Executive Summary:** Component (crystal) change and substrate addition for enhanced component availability and device manufacturability.

### Products Affected:

TB512-050.0 Mhz.

TB514-050.0 Mhz.

D75J-040.0 MHz.

D75J-038.88 Mhz.

T602-038.88 Mhz.

T604-038.88 Mhz.

**Effect on Product Performance:** There will be component (quartz crystal) change as a result of component availability with an addition of a ceramic "adapter" substrate to accommodate component placement. This modification will result in on-going component availability and enhanced manufacturability with no change in component electrical performance. Although dimensionally different, both crystals are equivalent. Overall package height will increase slightly from 2.0 mm maximum to 2.4 mm maximum.

### Change Impact:

Product model will remain the same.

**CHANGEOVER PROCESS:** By mutual agreement between Connor Winfield and the customer.

**Test SAMPLES Available:** X Yes  No

**Test DATA Available:** X Yes  No

**Connor-Winfield Contact Person:** Joseph T. Bloch, Q.A. Manager Telephone Extension: 6106

Please acknowledge this communication with your approval if the above items are satisfactory.

**CUSTOMER RESPONSE**

This PCN requires customer notification. 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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