



The Connor-Winfield Corporation
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PRODUCT/ PROCESS CHANGE NOTICE

Number: 2008-1
Date: 11/20/20
From: Ken Olp
ECO#: 11603
ECO Ref.: (Class: 3 Notification)

Effective Date: 3/25/21

Change Category: Change in Existing Product Design/Component Parts

Change Description: 1) Component (quartz crystal) size change with the addition of a ceramic “adapter” substrate to accommodate the smaller crystal footprint. 2) Marking format change. 3) Physical height dimension change

Reason for Change: These changes are for enhanced component availability, device manufacturability, and performance improvement.

Products Affected: TB522-080.0M
TB524-080.0M

Change Impact:
Product part numbers will remain the same.

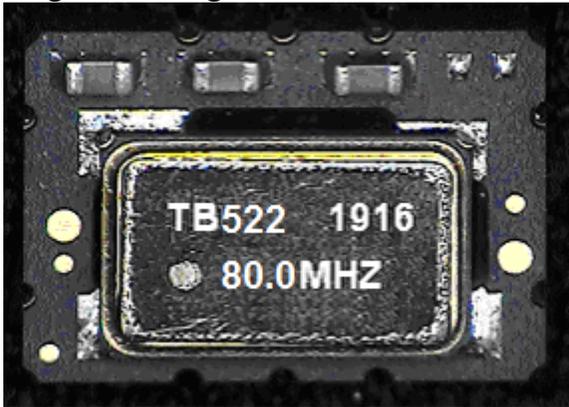
CHANGEOVER PROCESS: This change will be implemented in the next build of these products. The product date codes of those builds can be provided at a later date.

Effect on Product Performance:
The electrical performance improves with regard to the phase noise performance.

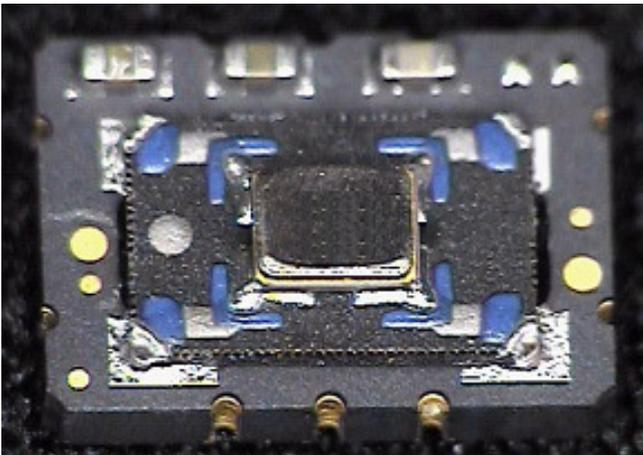
Due to the smaller area available for part number and date code marking, the date code format will change from a 4-character (YYWW) format to a 2-character (YM) format.

Physical dimension change:
This change results in an overall product height increase from 2.0mm maximum to 2.4mm maximum due to the addition of the adapter substrate.

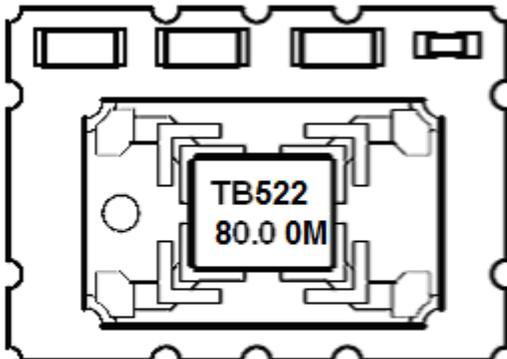
Original configuration:



New configuration:



New marking configuration with 2-Character Date Code:



2 CHARACTER DATE CODE

Y = Year
0 = 2020
1 = 2021
2 = 2022

M = MONTH
A = JAN
B = FEB
C = MAR
D = APR
E = MAY
F = JUN
G = JUL
H = AUG
J = SEP
K = OCT
M = NOV
N = DEC

Test SAMPLES Available: Yes No

Test DATA Available: Yes No

Connor-Winfield Contact Person: Ken Olp, Engineering Mgr 630-851-4722 Ext 5511,
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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
