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PRODUCT/ PROCESS CHANGE NOTICE

Number: 1812-1
Date: 12/06/18
ECO#: 10xxx
ECO Ref.: (Class: 3 Notification)

Effective Date: Starting implementation upon next customer order for T602-019.44M

Change Category: Change in Existing Product Design/Component Parts

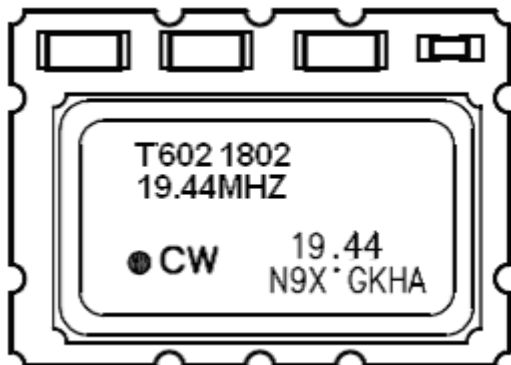
Change Description: 1) Component (quartz crystal) size change from 5x3.2mm to 3.2x2.5mm.
2) Addition of ceramic adapter substrate to accommodate the smaller crystal footprint.
3) Change analog compensation IC to updated version.

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

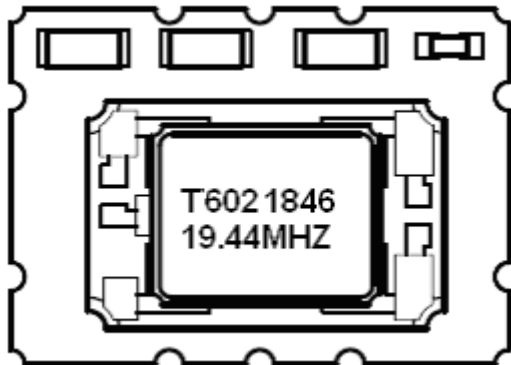
Products Affected: T602-019.44M

Effect on Product Performance: 1) Electrical performance of the part does change with minor improvements to phase noise and temperature stability. 2) Due to the addition of the ceramic adapter substrate, the product height increases from 2.0mm to 2.4mm max. 3) Due to the smaller area available for part number and date code marking, the format of the marking does change slightly.

Original configuration (2.0mm height):



New Configuration 2.4mm height:



Change Impact:

Product part number will remain the same.

CHANGEOVER PROCESS: There are 36pc of the old design date code 1847 remaining in inventory that will ship against the next customer order. 1847 is the last date code of the old design, and any date code after 1847 will incorporate the changes described in this PCN.

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
