



The Connor-Winfield Corporation
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PRODUCT/ PROCESS CHANGE NOTICE

Number: 2201-1
Date: 4/26/2022
ECO#: 12011
ECO Ref.: (Class: 3 Notification)

Effective Date: May 1, 2022

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: The crystal size change is in response to industry trends moving to smaller crystal package sizes, with the previous sizes now EOL. The analog compensation IC is also changing due to EOL status.

Products Affected: 10MHz and 20MHz frequencies in:

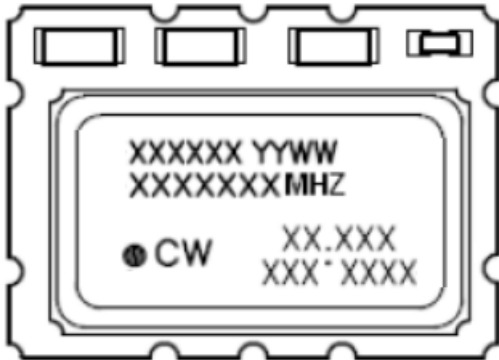
- 1) 5x7mm TCXO/VCTCXO series, T-series, TV-series, TB-series, and TVB-series, D75x-series, DV-series

- 2) 5x3.2mm TCXO/VCTCXO series, M-series, D53G-series

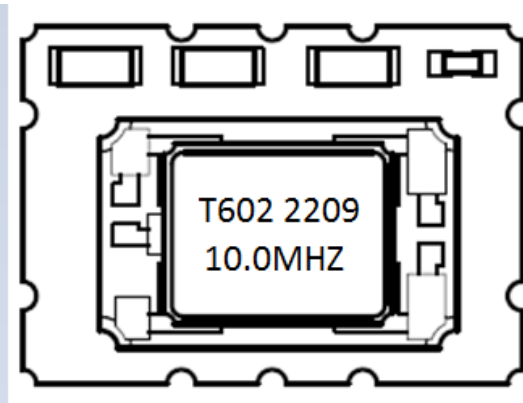
Effect on Product Performance:

- 1) Electrical performance of the part does not change.
- 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, as shown below.

Original configuration (2.0mm height):



New Configuration (2.4mm height):



Change Impact:

Product part number will remain the same. The change will be controlled through our internal revision level.

CHANGEOVER PROCESS: Our next manufacturing build will incorporate this change, so there will be a specific date code from that build we will identify as the first implementation date code.

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

PART NUMBERS AFFECTED BY PCN #2201-1

T100F-010.0M	CW755TR-ND	CW755CT-ND	
T100F-020.0M	CW758TR-ND	CW758CT-ND	
T100V-010.0M	CW759TR-ND	CW759CT-ND	
T100V-020.0M	CW762TR-ND	CW762CT-ND	
T200F-010.0M	CW906TR-ND	CW906CT-ND	
T200F-020.0M	CW858TR-ND	CW858CT-ND	
T602-010.0M	CW780TR-ND	CW780CT-ND	
T602-020.0M	CW765TR-ND	CW765CT-ND	
T603-020.0M	T603-020.00MHZ-ND		
T604-010.0M	CW769TR-ND	CW769CT-ND	
T604-020.0M	CW773TR-ND	CW773CT-ND	
TL602-020.0M	CW856TR-ND	CW856CT-ND	
D53G-020.0M	CW658TR-ND	CW658CT-ND	
D75A-010.0M	CW648TR-ND	CW648CT-ND	
D75A-020.0M	CW651TR-ND	CW651CT-ND	D75A-020.0M-T-ND
D75AS-020.0M	CW663TR-ND	CW663CT-ND	
DV75C-010.0M	CW750TR-ND	CW750CT-ND	
DV75C-020.0M	CW748TR-ND	CW748CT-ND	
DV75D-010.0M	CW743TR-ND	CW743CT-ND	
M100F-010.0M	CW781TR-ND	CW781CT-ND	
M100F-020.0M	CW784TR-ND	CW784CT-ND	
M100V-010.0M	CW785TR-ND	CW785CT-ND	
M100V-020.0M	CW788TR-ND	CW788CT-ND	
M200F-010.0M	CW887TR-ND	CW887CT-ND	
M200F-020.0M	CW888TR-ND	CW888CT-ND	
ML602-020.0M	CW893TR-ND	CW983CT-ND	