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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# TCXO-EVAL-T

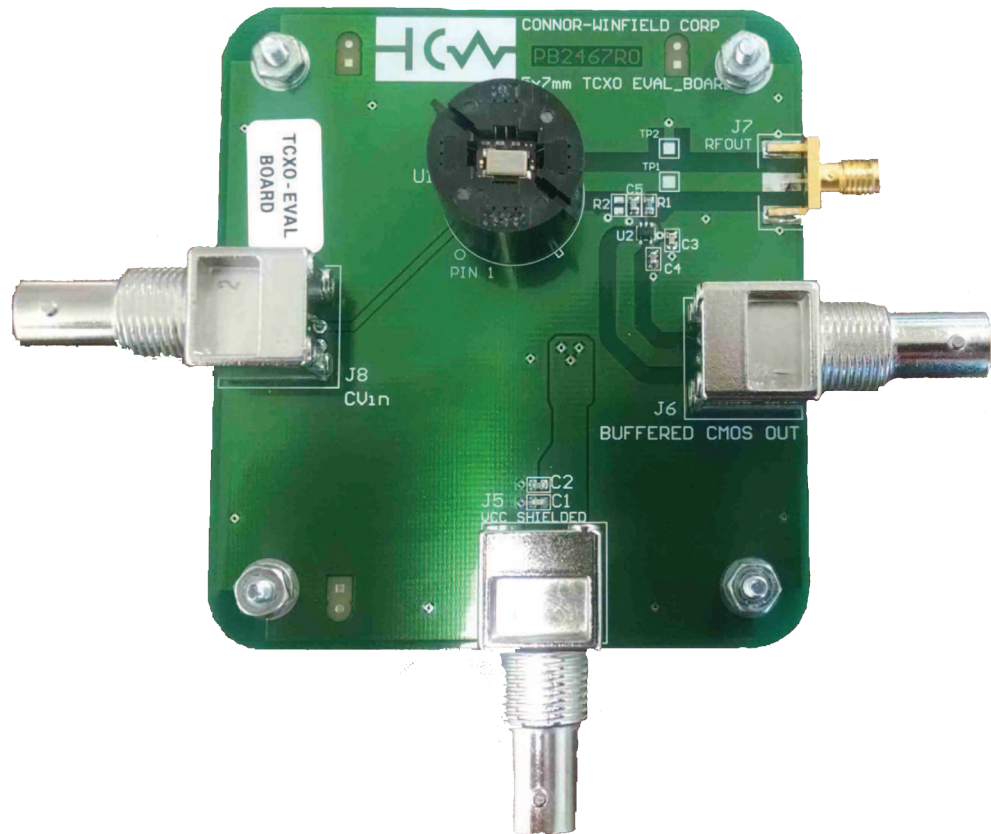
## Eval Board Quick Start Guide

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### General Instructions

1. Insert the 5x7mm TCXO into the eval board socket.
  - Pin 1 orientation is indicated with circle and "Pin 1" on lower left of socket.
  - Press the TCXO down firmly until fully seated into socket contacts.
2. Connect power
  - Connect J5 BNC connector to appropriate power source per the TCXO being tested (3.3V or 5V, etc). There is no voltage regulation on the eval board.
3. Connect output:
  - For LVCMOS outputs, connect the "Buffered CMOS Out" BNC J6 to oscilloscope or frequency counter. Use high impedance probe if possible, however this output can drive 50 ohms as well.
  - For clipped sine outputs, the eval board can be configured to achieve the required 10pF and 10kohm termination. To accomplish this, remove the 0 ohm R1, add R2=10kohm, and change C5 from 12pF to 10pF. Connect J7 SMA "RF Out" to test equipment input with low capacitance active probe.
4. Connect voltage control:
  - For VCTCXO testing, connect J8 "CVin" to appropriate control voltage per the VCTCXO specification.
5. Remove TCXO from socket.
  - To remove the TCXO from the socket, pull up on the 2 tabs of socket located at lower right and upper left in view above.



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