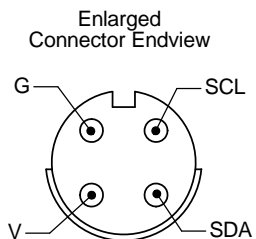
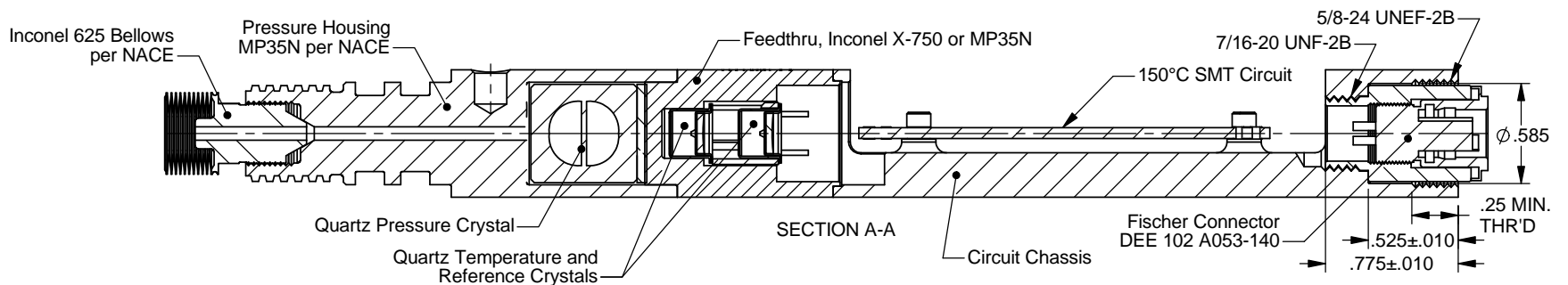
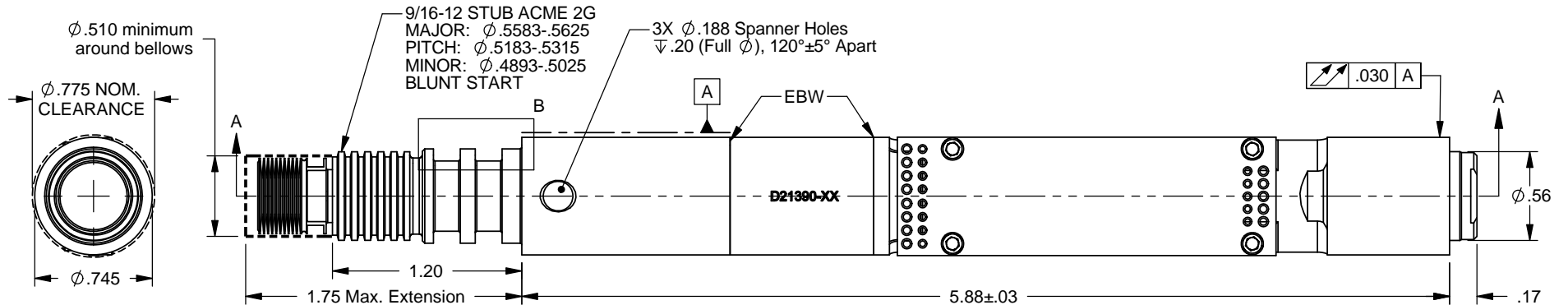
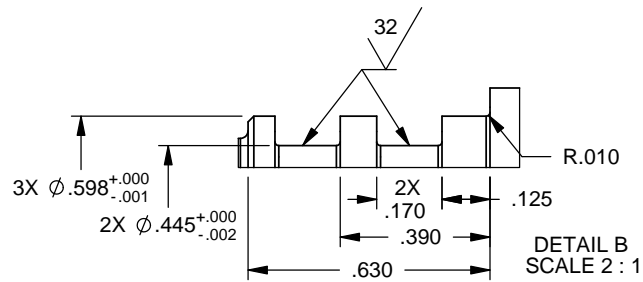
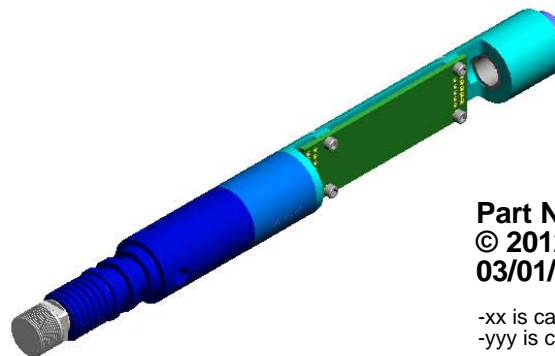


Calibration O-Ring and Backup Ring
 O-Ring Parker P/N: 2-111
 Backup Ring QD P/N D21612-01



Connector Pinout:
 V = Supply, VDC (Blue)
 G = Ground (Black)
 SCL = Clock (Slate/Grey)
 SDA = Data (Green)
 ----- Inside Transducer -----
 A1/T = Address 1 (Yellow)
 A2/P = Address 2 (Purple)
 R = Reference (White)
White wire may or may not be present

If the connector is removed, output wires are approx. 4" [100mm] long 26-28 AWG, TFE Insulation



Part Number: DXB315-xx-yyy
 © 2012 Quartzdyne, Inc.
 03/01/2012

-xx is calibrated pressure in kpsi
 -yyy is calibrated temperature in °C



QUARTZDYNE, INC.

A DOVER COMPANY

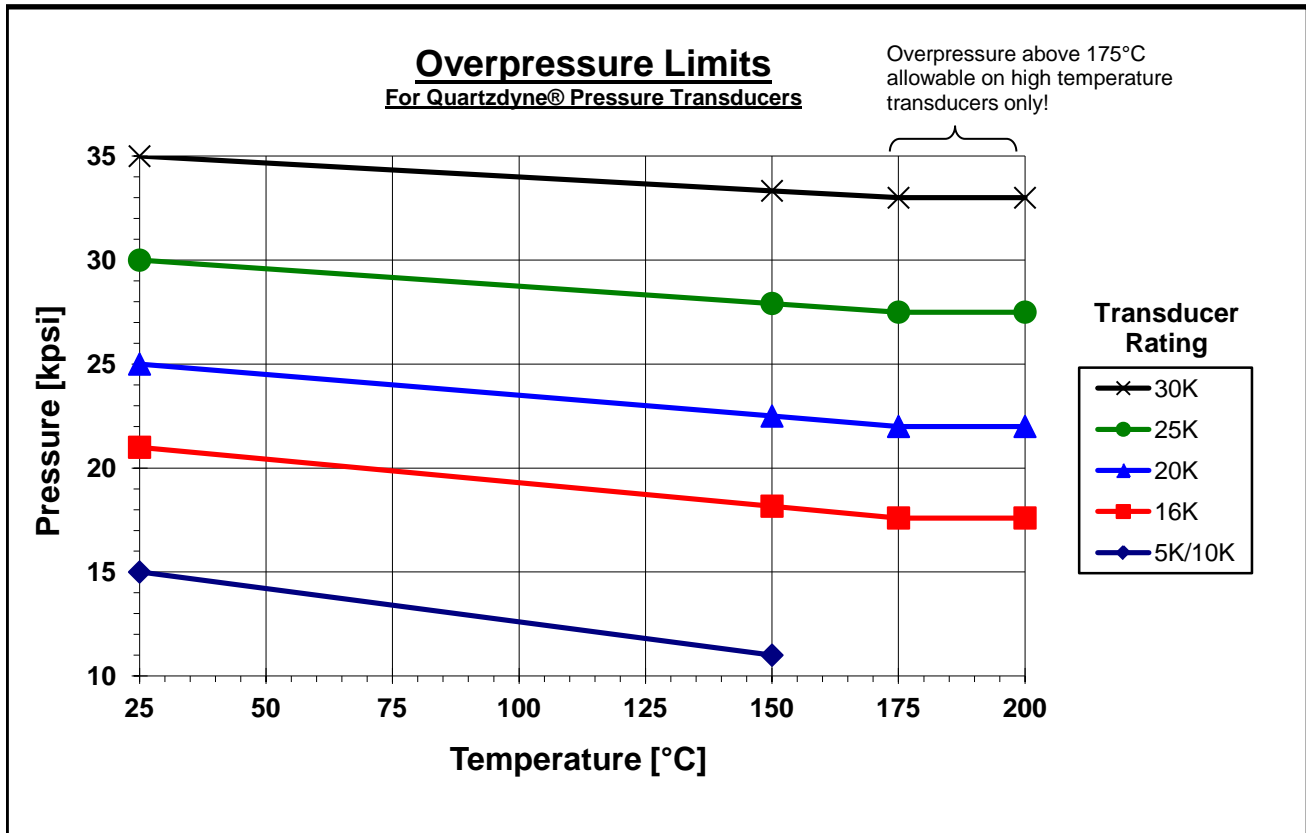
Mechanical Specifications

E20-021

A0

Mechanical Specifications for Tubless 3/4" (0.75) Transducers

Mechanical Proof Pressure	35,000 psi [2415 bar]
Sensor Pressure Limit	varies with temperature; see plot below
Pressure Media	particle-free fluid compatible with Inconel 625 and MP35N
Mechanical Shock	500 g, 2 ms half-sine
Vibration	10 – 2,000 Hz, 10.9 gRMS Random Vibration
Weight	11.5 oz [326 g]



Technical Notes for 3/4" Tubeless Transducers

This transducer has been designed for tools larger than Ø.75 inch [19mm] with maximum ruggedness in mind. Unlike other transducers manufactured by Quartzdyne, there is no circuit tube to protect the circuit: it is open and accessible. Please take necessary precautions to protect it. When designing this transducer into your tool, please consider the following items:

1. The output connector may be removed by gripping it and the bushing firmly with pliers and unscrewing it. Follow proper ESD precautions.
2. If you plan to thread a stud into the end of the circuit carrier (7/16-20 or 5/8-24 threads), allow for a 0.125 inch [3.2mm] minimum clearance hole for the output wires. The edges of this hole should be generously rounded to prevent insulation damage, and we recommend insulating the bundle in a piece of tubing (i.e., FEP Teflon heat shrink.)