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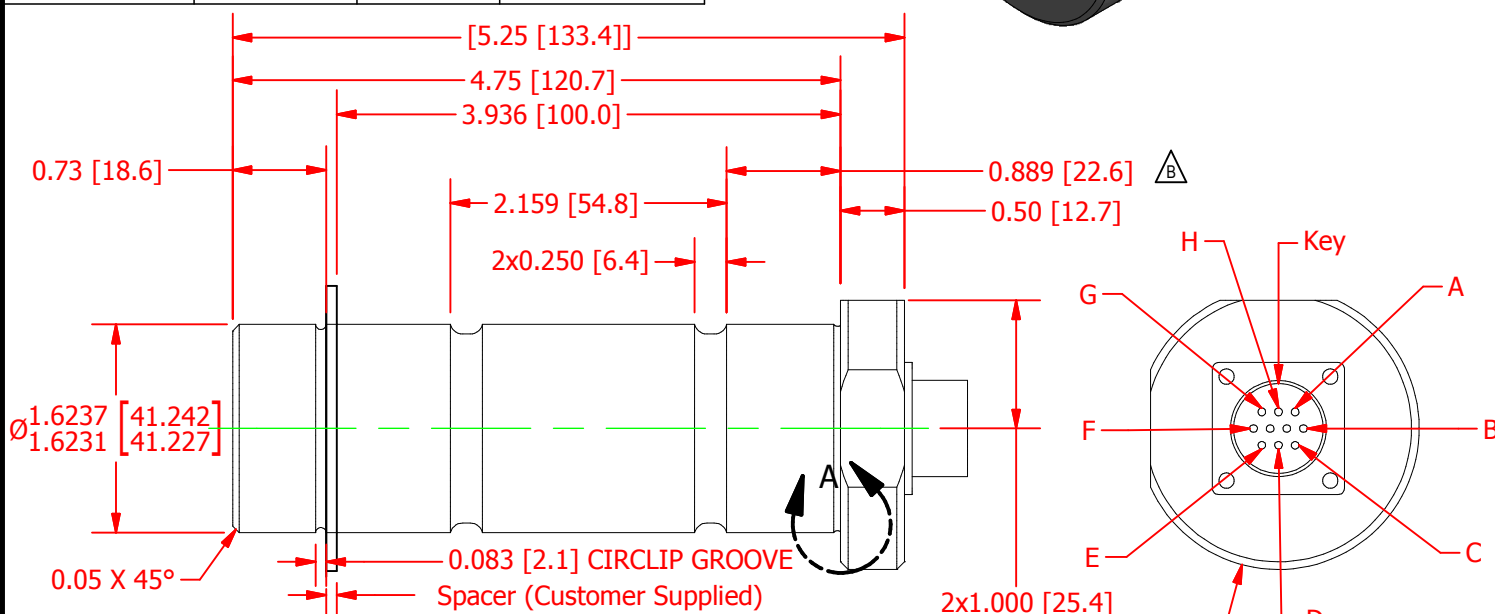
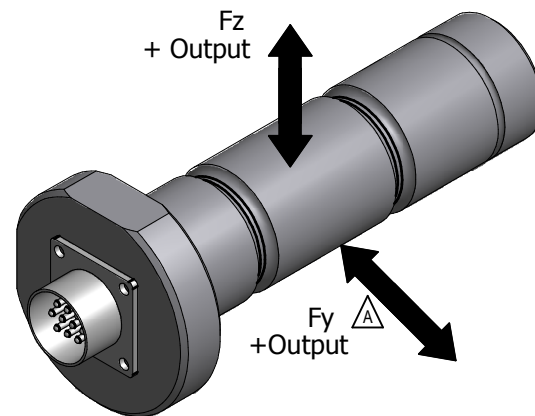
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Custom 2 Axis Shear Pin Load Cell

Fz
+ Output

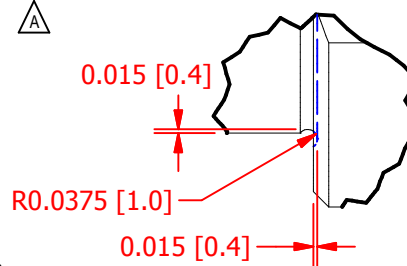
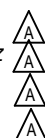
WIRING CODE (Channel Fz)			
+Excitation	-Excitation	+Signal	-Signal
PIN A	PIN B	PIN C	PIN D

WIRING CODE (Channel Fy) Δ			
+Excitation	-Excitation	+Signal	-Signal
PIN E	PIN F	PIN G	PIN H



RATED OUTPUT
CAPACITY
SAFE OVERLOAD
ULTIMATE OVERLOAD
EXCITATION (VDC OR VAC)
BRIDGE RESISTANCE
NONLINEARITY
HYSTERESIS
NONREPEATABILITY
CROSS TALK
TEMP. SHIFT ZERO
TEMP. SHIFT SPAN
COMPENSATED TEMP.
OPERATING TEMP
WEIGHT (approx)
MATERIAL
CONNECTOR: PC02E-12-10P

3.0 mV/V nom. (Fy); 1.0 mV/V nom. (Fz)
81 klb [360.3 kN] Fy; 32 klb [142.3 kN] Fz
Fy: 110% of R.O. ; Fz: 110% of R.O.
Fy: 180% of R.O. ; Fz: 180% of R.O.
15 MAX
350 Ω nom
 $\pm 2\%$ of R.O.
 $\pm 2\%$ of R.O.
 $\pm 0.5\%$ of R.O.
4% of R.O. \triangle_A
 $\pm 0.01\%$ of R.O./ $^{\circ}\text{F}$ (± 0.018 of R.O./ $^{\circ}\text{C}$)
 $\pm 0.02\%$ of LOAD/ $^{\circ}\text{F}$ (± 0.036 of LOAD/ $^{\circ}\text{C}$)
60 to 160 $^{\circ}\text{F}$ (16 to 71 $^{\circ}\text{C}$)
60 to 200 $^{\circ}\text{F}$ (16 to 93 $^{\circ}\text{C}$)
3.35 lb
Steel; Nickel Plated

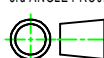


DETAIL A

A	02/14/2012
B	02/16/2012

ALL DIMENSIONS ARE IN INCHES
DRAWING INTERPRETATION DIMS. PER ASME-Y14.5M
REMOVE BURRS AND BREAK SHARP EDGES .005 - .015
THREADS PER HANDBOOK H-28
DIMENSIONS ARE SHOWN AFTER PLATING

TOLERANCE:
 .X \pm 0.1"
 .XX \pm 0.01"
 .XXX \pm 0.005"



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CHECKED BY:

CAGE: 1X8M6 SHEET: 1 OF 1