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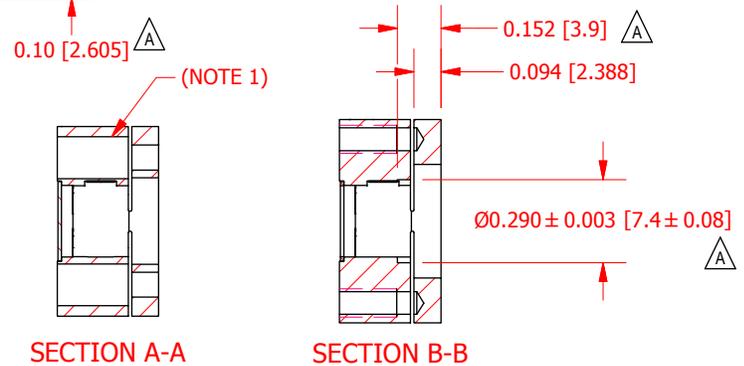
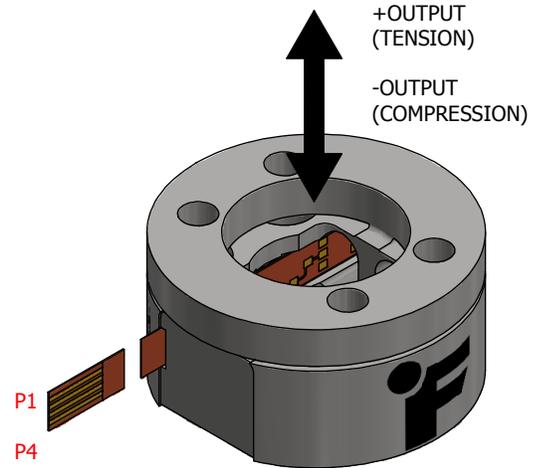
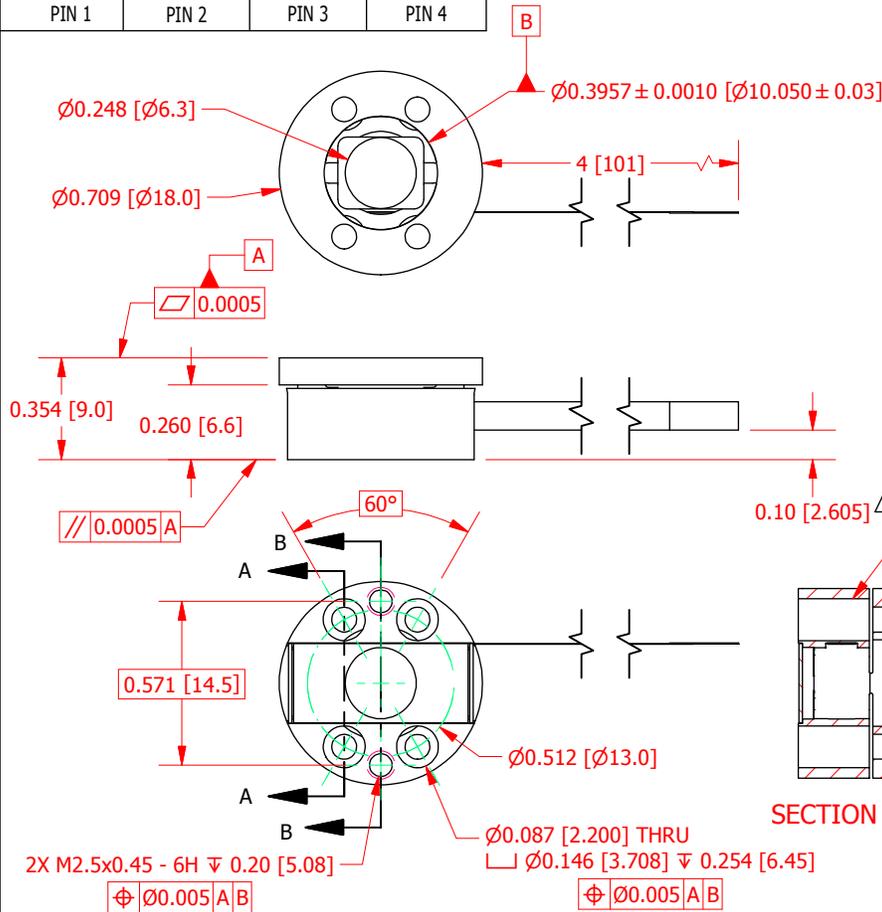
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FUTEK MODEL QLA405

ITEM NUMBER: QSH01940

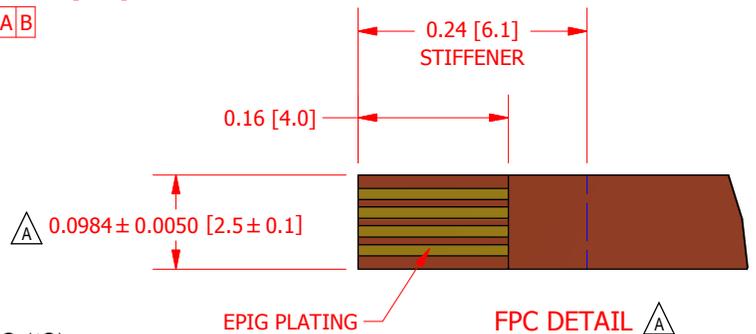
CUSTOM TENSION AND COMPRESSION THRU HOLE LOADCELL

INCH [mm]		R.O.= Rated Output	
WIRING CODE			
+ Excitation	- Excitation	+ Signal	- Signal
PIN 1	PIN 2	PIN 3	PIN 4



SPECIFICATIONS:

RATED OUTPUT	1.8 mV/V nom. ^A
CAPACITY	50 lb. [222N]
SAFE OVERLOAD	150 % of R.O.
EXCITATION (VDC OR VAC)	7 MAX
BRIDGE RESISTANCE	350 Ω nom.
NONLINEARITY	±0.5% of R.O.
HYSTERESIS	±0.5% of R.O.
NONREPEATABILITY	±0.5% of R.O.
TEMP. SHIFT ZERO	±0.01% of R.O./°F (±0.018 of R.O./°C)
TEMP. SHIFT SPAN	±0.02% of LOAD/°F (±0.036 of LOAD/°C)
COMPENSATED TEMP.	60 to 160 °F (16 to 71 °C)
OPERATING TEMP	0 to 160 °F (-18 to 71 °C)
WEIGHT (approx)	0.03 lb [11.3 g]
MATERIAL	17-4 PH S.S.
DEFLECTION	0.0005 [0.013] nom.
FPC 4 Conductor 0.050 Pitch Cable 4" [100mm] Long	



NOTES:

1. SCREW HEAD CANNOT CONTACT CBORE WALLS (CUSTOM Ø0.13 [3.30] MAX SCREW HEADS REQUIRED)

CUSTOMER APPROVAL- COMPANY:	
CUSTOMER APPROVAL- NAME / DATE:	
REVISIONS: (Refer to dwg # revision sheet)	
A	3/13/2019

OUTLINE DRAWING

STANDARD NOTES: (Unless Otherwise Specified)

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

ANGLE: ± 1/2°
CHAMFER: ± 5°
TOLERANCE:
.X ± 0.1"
.XX ± 0.01"
.XXX ± 0.005"

3rd ANGLE PROJ.

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MODEL: QLA405	DWG No.: FO1449-A
DRAWN BY: R. Walker	CREATED DATE: 10/20/2017
APPROVED BY: M. Lisiak	APPROVED DATE: 10/29/2017
CHECKED BY:	CAGE: 1X8M6 SHEET: 1 OF 1