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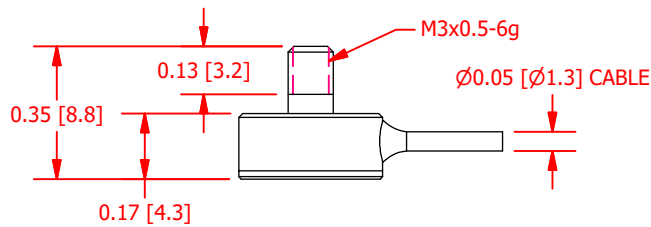
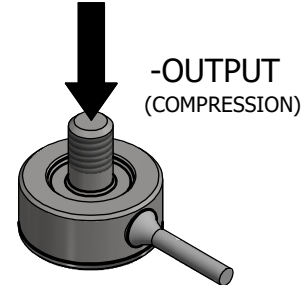
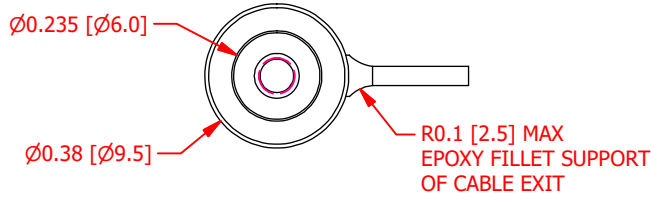
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# FUTEK MODEL QLA415 *Miniature Custom Autoclavable Compression Load Cell*

ITEM NUMBER: QSH02045



INCH [mm]		R.O.= Rated Output	
WIRING CODE (WC 1)			
+ Excitation	- Excitation	+ Signal	- Signal
RED	BLACK	GREEN	WHITE
Shield			
FLOATING			



### SPECIFICATIONS:

CAPACITY	5 lb
RATED OUTPUT	1 mV/V nom.
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	±0.1% of R.O.
TEMP. SHIFT ZERO	±0.01% of R.O./°F (±0.018 of R.O./°C)
TEMP. SHIFT SPAN	±0.01% of LOAD/°F (±0.018 of LOAD/°C)
COMPENSATED TEMP.	60 to 160 °F (16 to 71 °C)
OPERATING TEMP	60 to 278 °F (16 to 137 °C)
MATERIAL	17-4 PH S.S.
CABLE: #34 Awg 4 Conductor Braided Shielded Cable, 6 in Long	
RoHS	2011/65/EU

CUSTOMER APPROVAL- COMPANY:

## OUTLINE DRAWING

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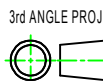
REVISIONS: (Refer to dwg # revision sheet)

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"



MODEL: **QLA415**

DWG No.: **FO1492**

DRAWN BY: R. Walker

CREATED DATE: 11/15/2018

APPROVED BY: M. Lisiak

APPROVED DATE: 11/15/2018

CHECKED BY:

CAGE: 1X8M6 SHEET: 1 OF 1