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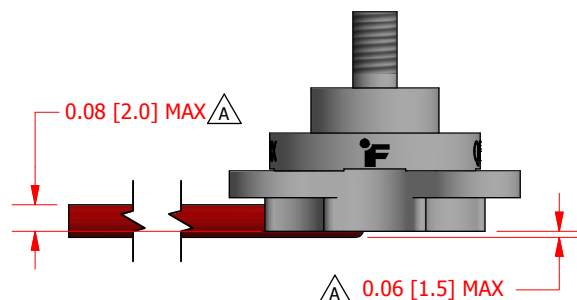
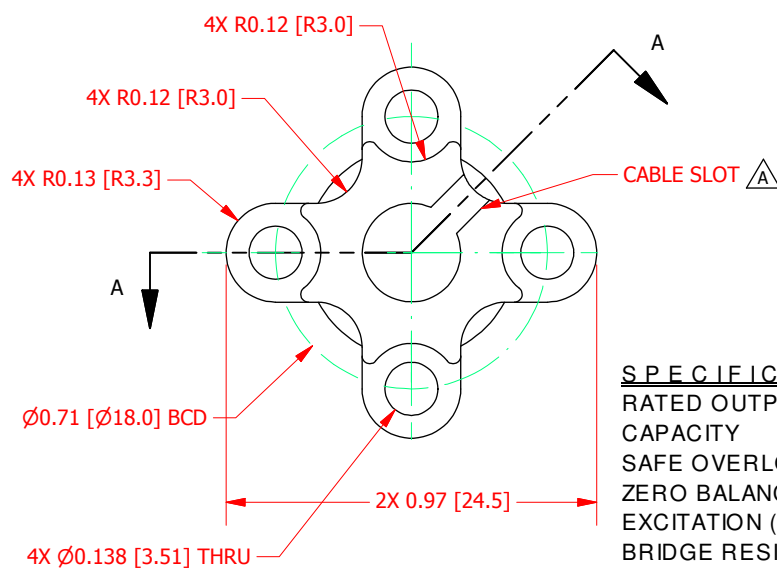
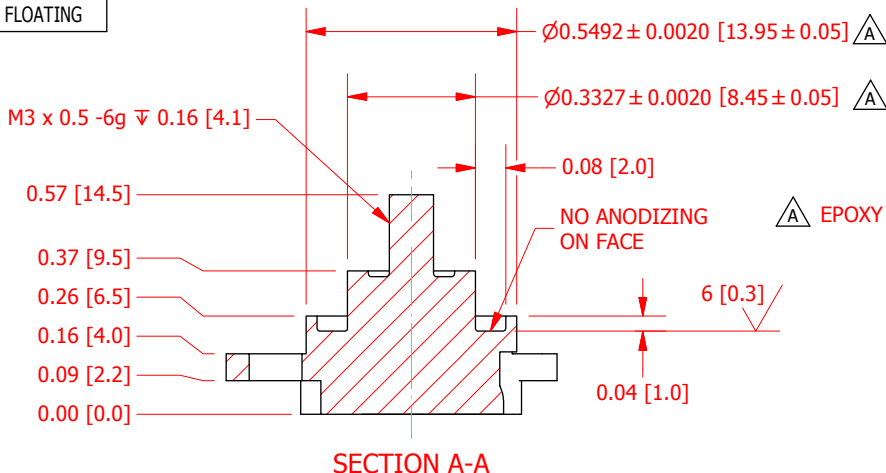
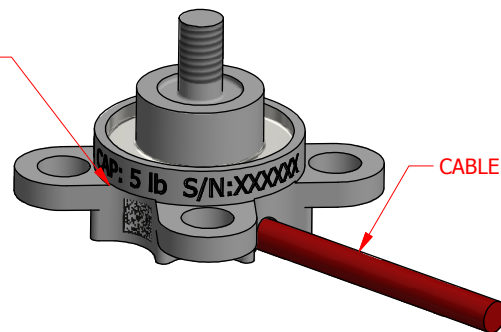
FUTEK MODEL QLA416

ITEM NUMBER: QSH02052

Subminiature Custom Load Cell with O-Ring Groove

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

ITEM#
CAPACITY
FUTEK ICON
S/N WITH
DATA MATRIX



SPECIFICATIONS:

RATED OUTPUT	1 mV/V nom.
CAPACITY	5 lb. [22.2N]
SAFE OVERLOAD	200 % of R.O.
ZERO BALANCE	±5% 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	±0.02% of LOAD/°F (±0.036 of LOAD/°C)
COMPENSATED TEMP.	100 to 248 °F (38 to 120 °C) Δ
OPERATING TEMP	-60 to 248 °F (-51 to 120 °C) Δ
MATERIAL	HARD ANODIZED 2024 ALUMINUM
Δ CABLE: #29 Awg 4 Conductor Spiral Shielded Silicone Cable, 10 ft [3.0 m] Long RoHS Lead Free 2011/65/EU	

CUSTOMER APPROVAL- COMPANY:

CUSTOMER APPROVAL- NAME / DATE:

REVISIONS: (Refer to dwg # revision sheet)

A 1/13/2019

OUTLINE DRAWING

STANDARD NOTES: (Unless Otherwise Specified)
ALL DIMENSIONS ARE IN INCHES
METRIC DIMENSIONS FOR REFERENCE ONLY
DRAWING INTERPRETATION DIMS. PER ASME-Y14.5
REMOVE BURRS AND BREAK SHARP EDGES .005 - .015
THREADS PER HANDBOOK H-28
DIMENSIONS ARE SHOWN AFTER PLATING

3rd ANGLE PROJ.



ANGLE:
± 1/2"

CHAMFER:
± 5°

TOLERANCE:
X ± 0.1"
XX ± 0.01"
XXX ± 0.005"

FUTEK

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MODEL: **QLA416**

DRAWN BY: S. MICHEL

APPROVED BY: R. WALKER

CHECKED BY:

DWG No.: **FO1494-A**

CREATED DATE: 12/19/2018

APPROVED DATE: 1/9/2019

CAGE: 1X8M6 SHEET: 1 OF 1