

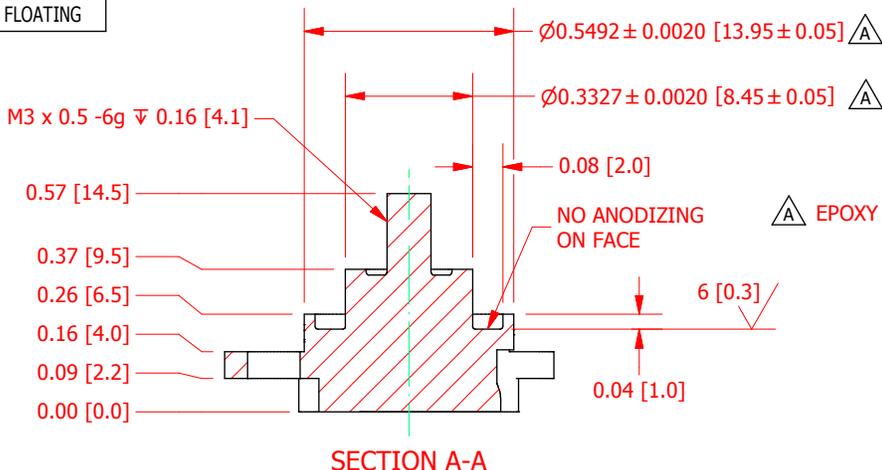
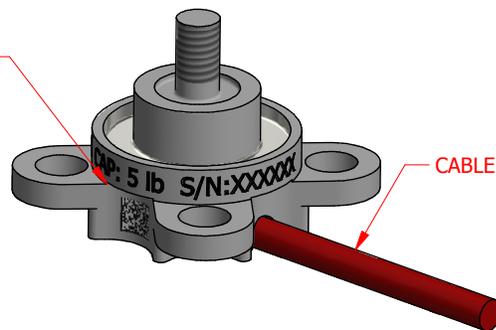
FUTEK MODEL QLA416

Subminiature Custom Load Cell with O-Ring Groove

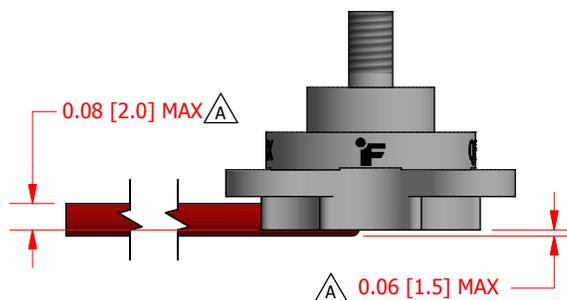
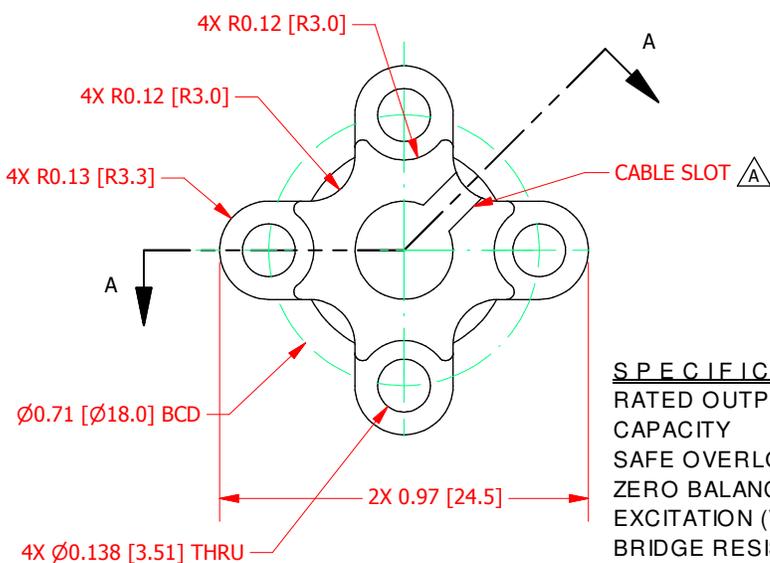
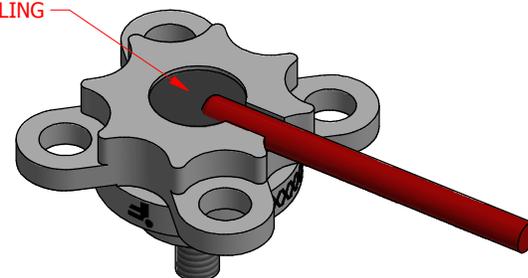
ITEM NUMBER: QSH02052

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



A EPOXY FILLING



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) A
OPERATING TEMP	-60 to 248 °F (-51 to 120 °C) A
MATERIAL	HARD ANODIZED 2024 ALUMINUM

A 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:

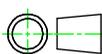
REVISIONS: (Refer to dwg # revision sheet)

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"

This drawing is submitted solely for the information and exclusive use of the original addressee. It is not to be divulged in whole or in part, by any firm or individual without written permission from:

FUTEK

ADVANCED SENSOR TECHNOLOGY, INC.
10 THOMAS, IRVINE, CA 92618 USA
Phone: (949) 465-0900
Fax: (949) 465-0905

MODEL: **QLA416**

DWG No.: **FO1494-A**

DRAWN BY: S. MICHEL

CREATED DATE: 12/19/2018

APPROVED BY: R. WALKER

APPROVED DATE: 1/9/2019

CHECKED BY:

CAGE: 1X8M6 SHEET: 1 OF 1