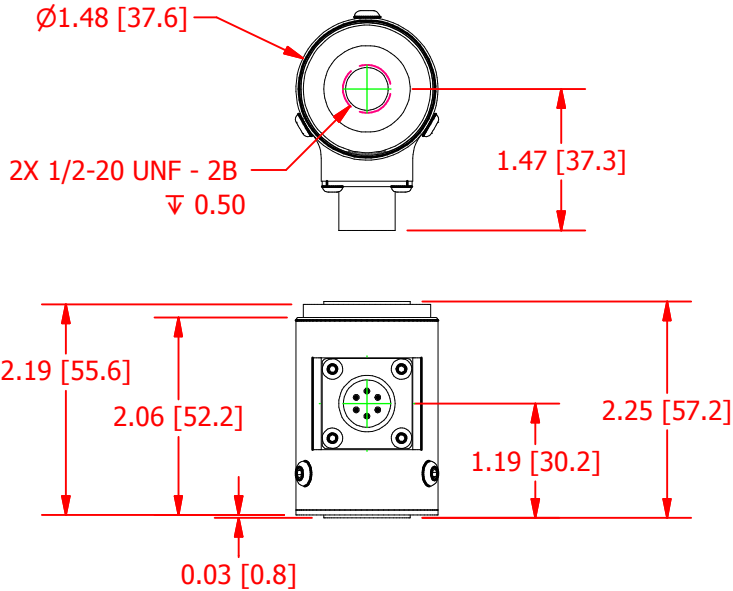
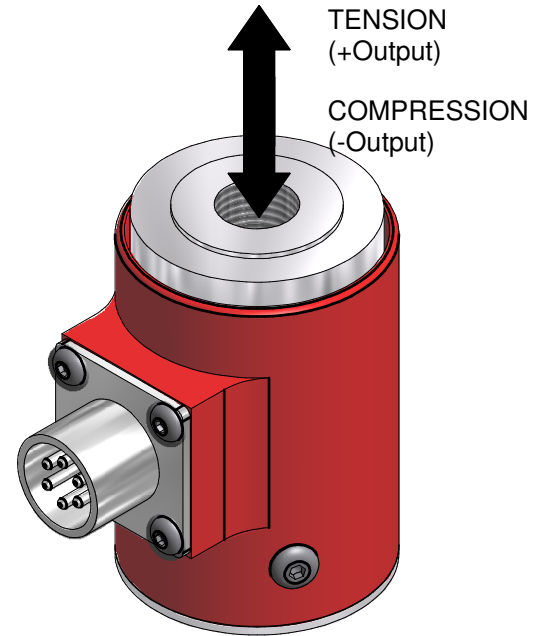


# FUTEK MODEL QLA355

## Tension and Compression Load Cell

ITEM NUMBER: See Chart

INCH [mm]		R.O.= Rated Output	
WIRING CODE			
+Excitation	-Excitation	+Signal	-Signal
RED PIN A	BLACK PIN B	GREEN PIN C	WHITE PIN D
+Sense	-Sense		
ORANGE PIN E	BLUE PIN F		



### SPECIFICATIONS:

RATED OUTPUT	3 mV/V nom.
CAPACITY	See Chart
SAFE OVERLOAD	150% of R.O.
ZERO BALANCE	±2 of R.O.
EXCITATION (VDC OR VAC)	15 MAX
BRIDGE RESISTANCE	350 Ω nom
NONLINEARITY	±0.25 of R.O.
HYSTERESIS	±0.25 of R.O.
NONREPEATABILITY	±0.05 of R.O.
TEMP. SHIFT ZERO	±0.005% of R.O./°F (±0.009 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	-10 to 200 °F (-23 to 93 °C)
MATERIAL	17-4ph S.S. Flexure, Anodized Red Aluminum (Cover)
CONNECTOR: 6 Pin PT02E-10-6P Style	

ITEM #	CAPACITY
QSH01322	500 lb
QSH01570	250 lb

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CUSTOMER APPROVAL- COMPANY:

CUSTOMER APPROVAL- NAME / DATE:

REVISIONS: (Refer to dwg # revision sheet)

## OUTLINE DRAWING

STANDARD NOTES: (Unless Otherwise Specified)

ALL DIMENSIONS ARE IN INCHES

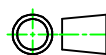
DRAWING INTERPRETATION DIMS. PER ASME-Y14.5M

REMOVE BURRS AND BREAK SHARP EDGES .005 - .015

THREADS PER HANDBOOK H-28

DIMENSIONS ARE SHOWN AFTER PLATING

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.

MODEL: **QLA355** DWG No.: **FO1300**

DRAWN BY: R. Walker CREATED DATE: 12/8/2011

APPROVED BY: - APPROVED DATE:

CHECKED BY: T. Lee CAGE: 1X8M6 SHEET: 1 OF 1