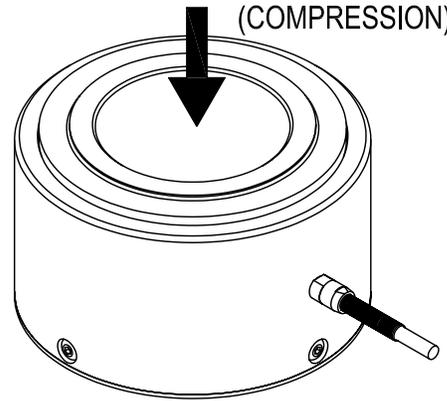
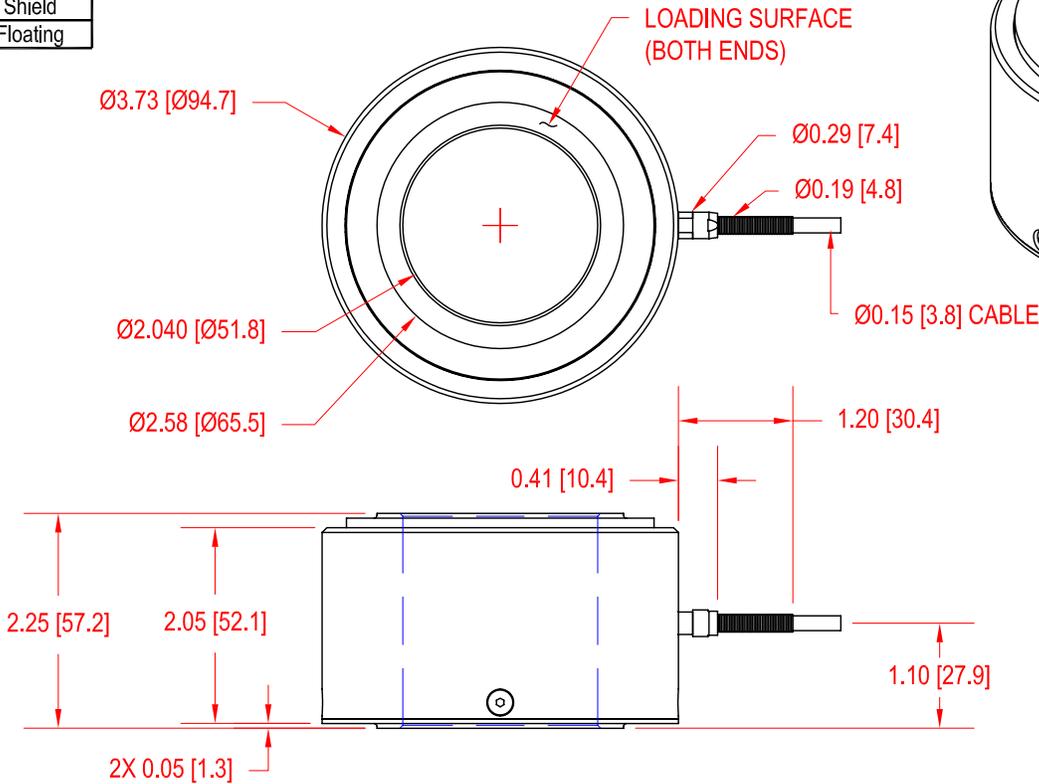


# FUTEK MODEL QLA308 CUSTOM LOAD WASHER LOAD CELL

STOCK NUMBER: QSH01095

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

**+OUTPUT**  
(COMPRESSION)



## SPECIFICATIONS:

RATED OUTPUT	1 mV/V nom.
CAPACITY	45000 lb [200 kN]
SAFE OVERLOAD	300% of R.O.
ZERO BALANCE	±3% of R.O.
EXCITATION (VDC OR VAC)	15 MAX
BRIDGE RESISTANCE	350/700 Ω nom
NONLINEARITY	±3% of R.O.
HYSTERESIS	±1% of R.O.
NONREPEATABILITY	±0.5% of R.O.
TEMP. SHIFT ZERO	±0.02% of R.O./°F (0.036% of R.O./°C)
TEMP. SHIFT SPAN	±0.02% of LOAD/°F (0.036% of LOAD/°C)
COMPENSATED TEMP.	60 to 160°F (15 to 72°C)
OPERATING TEMP.	-40 to 200°F (-40 to 93°C)
WEIGHT (approx)	2.2 lb
MATERIAL	17-4ph S.S. (Flexure), Anodized Aluminum (Cover)

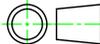
▲ CABLE: 24 Awg, 4 Conductor Braided Shielded PVC Cable, 40 ft Long

## 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.

10 THOMAS  
IRVINE, CA 92618 USA  
Phone: (949) 465-0900  
Fax: (949) 465-0905

**CAGE: 1X8M6**

MODEL: **QLA308**

DWG No.: **FO1232-A**

DRAWN BY: R. WALKER

CHECKED BY: J. VARGAS

APPROVED BY: -

DATE: **Nov. 26, 2008**

CUSTOMER APPROVAL-COMPANY

CUSTOMER APPROVAL-NAME /DATE

REVISIONS: (Refer to dwg # revision sheet)

▲ 01-12-09