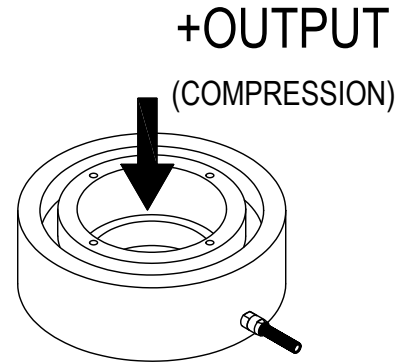
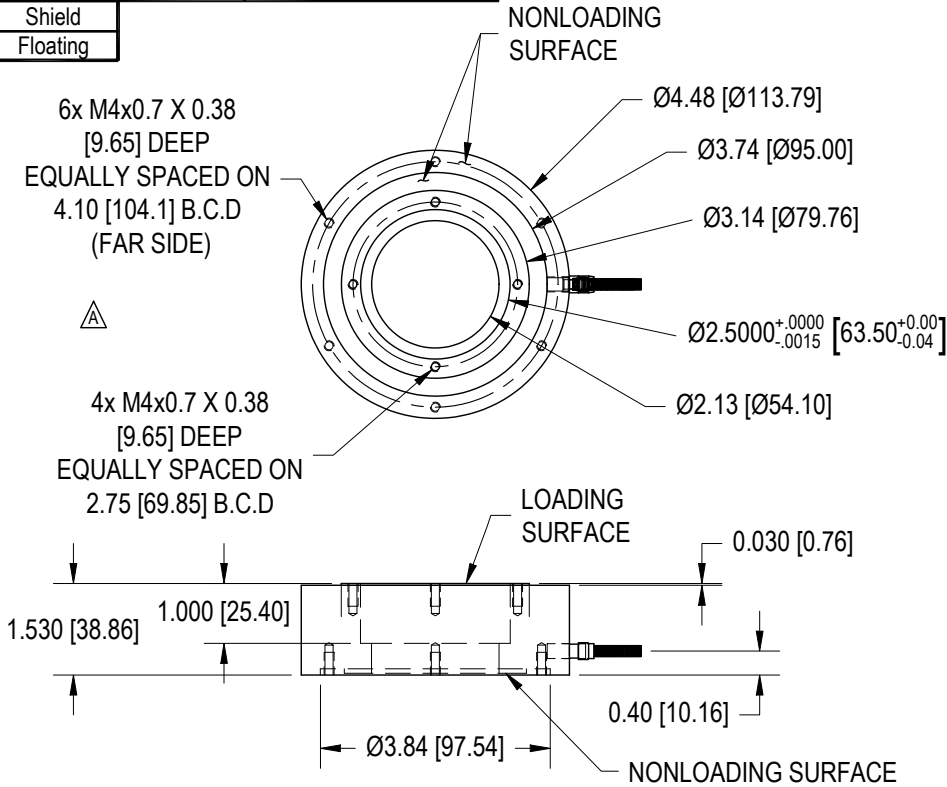


FUTEK MODEL QLA293

Custom Donut Load Cell

STOCK NUMBER: QSH01038

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



SPECIFICATIONS:

RATED OUTPUT	1.5 mV/V nom.
CAPACITY	20000 lbs
SAFE OVERLOAD	150% of R.O.
ZERO BALANCE	±3% of R.O.
EXCITATION (VDC OR VAC)	18 MAX
BRIDGE RESISTANCE	700 Ω nom
NONLINEARITY	±2% of R.O.
HYSTERESIS	±2% 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.	-26 to 126°F (-32 to 52°C)
OPERATING TEMP.	-40 to 185°F (-40 to 85°C)
WEIGHT	approx 7.5 lb
MATERIAL	17-4ph S.S.
CABLE: 24 AWG, 4 Conductor Braided Shielded Teflon Cable, 5 ft [1.5m] long	

MATERIAL:

—

HEAT TREATMENT - FINISH:

—

REVISIONS: (Refer to dwg # revision sheet)

△ 12-5-07

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: QLA293

DWG No.: FO1201

DRAWN BY: R. WALKER

CHECKED BY: J. VARGAS

APPROVED BY: -

DATE: Nov 27, 2007