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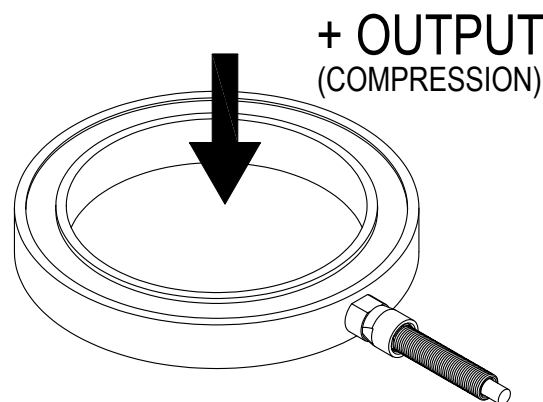
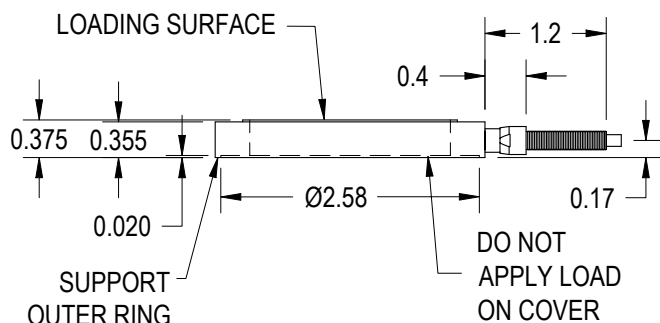
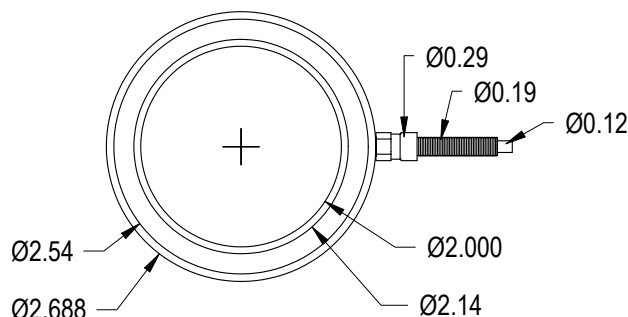
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FUTEK MODEL QLA209 DONUT / THRU HOLE LOAD CELL

STOCK NUMBER: QSH00443

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



NOTE:

WHILE TORQUING BOLTS, HIGH TENSION FORCES WILL OCCUR DURING INSTALLATION, WHICH COULD RESULT IN OVERLOADING THE SENSOR. FUTEK RECOMMENDS CONNECTING SENSOR TO A SYSTEM IN ORDER TO MONITOR THE APPLIED FORCES. FUTEK IS NOT LIABLE OR RESPONSIBLE FOR THE MISHANDLING OF THE SENSOR DURING INSTALLATION.

SPECIFICATIONS:

RATED OUTPUT	2 mV/V nom.
CAPACITY	2000 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.
NONREPEATABILITY	±0.5% of R.O.
TEMP. SHIFT ZERO	±0.02% of R.O./°F
COMPENSATED TEMP.	60 to 160°F
OPERATING TEMP.	0 to 160°F
WEIGHT	approx 0.25 lb
MATERIAL	17-4 ph S.S.
CABLE: 28 AWG, 4 Conductor Braided Shielded PVC Cable, 10 ft Long	

MATERIAL:

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HEAT TREATMENT - FINISH:

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REVISIONS: (Refer to dwg # revision sheet)

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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

ANGLE:

±1/2°

CHAMFER:

±5°

TOLERANCE:

.XX ±.01

.XXX ±.005

3rd ANGLE PROJ.



FUTEK

CAGE: 1X8M6

MODEL: QLA209

DRAWN BY: R. WALKER

APPROVED BY: J. VARGAS

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DWG No.: FO1058

CHECKED BY: XXXXX

DATE: Aug 25, 2004