

# FUTEK MODEL QLA254

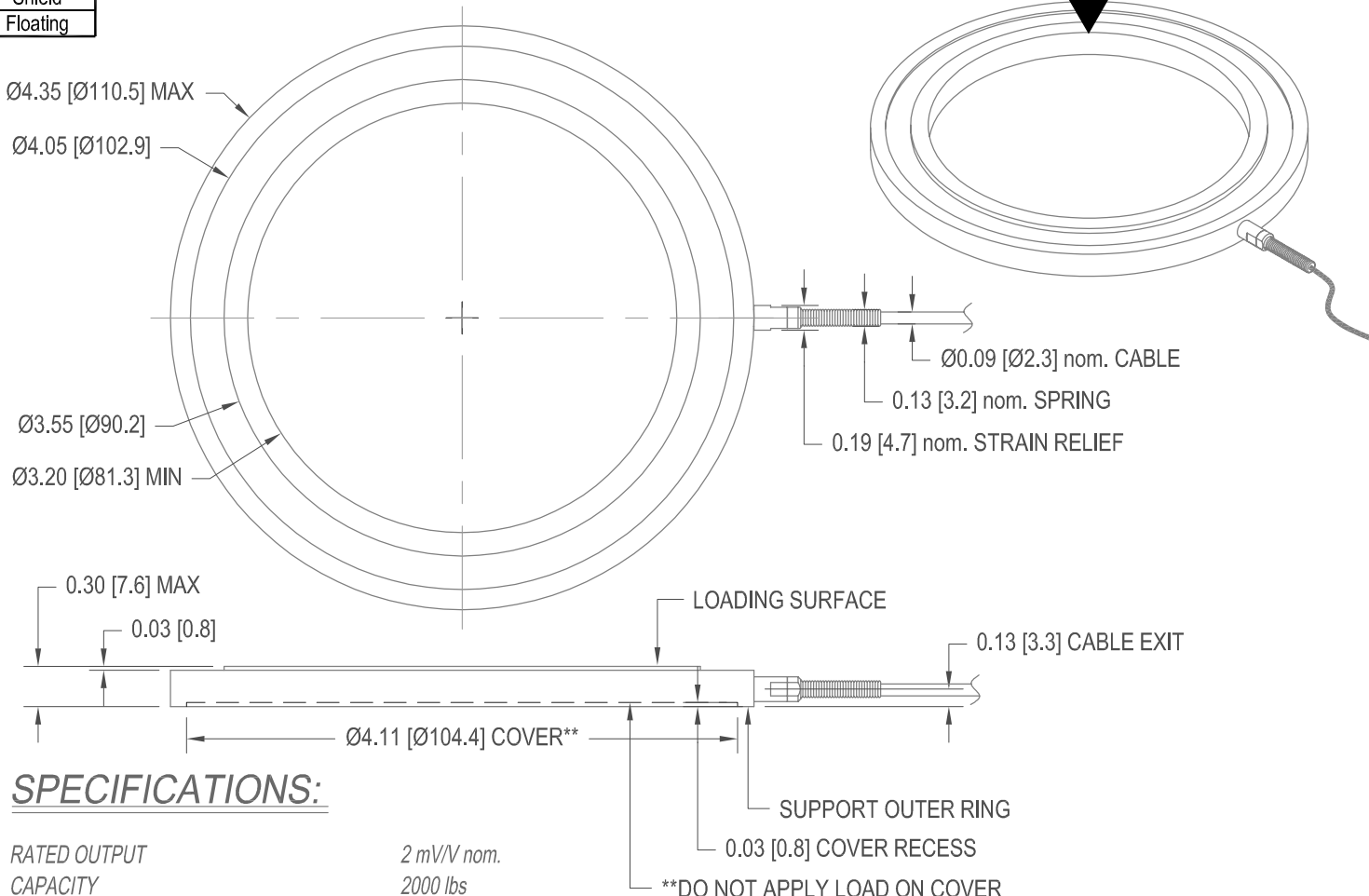
# CUSTOM DONUT LOAD CELL

STOCK NUMBER: QSH00718

INCH (mm) | R.O.= Rated Output

WIRING CODE (WC1)			
+Excitation	-Excitation	+Signal	-Signal
RED	BLACK	GREEN	WHITE
Shield			
Floating			

**+OUTPUT**  
(COMPRESSION)



## SPECIFICATIONS:

RATED OUTPUT	2 mV/V nom.
CAPACITY	2000 lbs
SAFE OVERLOAD	150% of R.O.
ZERO BALANCE	±2% of R.O.
EXCITATION	18 VDC MAX
BRIDGE RESISTANCE	350/700 Ω nom.
NONLINEARITY	±2% of R.O.
NONREPEATABILITY	±0.5% of R.O.
TEMP. SHIFT ZERO	±0.02% of R.O./°F
TEMP. SHIFT SPAN	±0.02% of LOAD/°F
COMPENSATED TEMP.	60 to 160°F
OPERATING TEMP.	0 to 200°F
WEIGHT	0.5 lbs
MATERIAL	STAINLESS STEEL
CABLE: #29 Awg 4 Conductor Spiral Shielded Teflon Cable, 10 ft Long	

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MATERIAL:

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HEAT TREATMENT - FINISH:

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REVISIONS: (Refer to dwg # revision sheet)

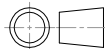
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## OUTLINE DRAWING

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

3rd ANGLE PROJ.



ANGLE:  
±1/2°

CHAMFER:  
±5°

TOLERANCE:  
.X ±0.1  
.XX ±0.01  
.XXX ±0.005

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**CAGE: 1X8M6**

MODEL: **QLA254**

DWG No.: **FO1122**

DRAWN BY: H. AU

CHECKED BY: J. VARGAS

APPROVED BY: R. WALKER

DATE: **MAR. 03, 2006**