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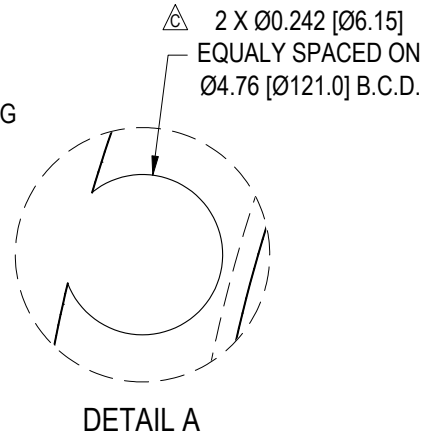
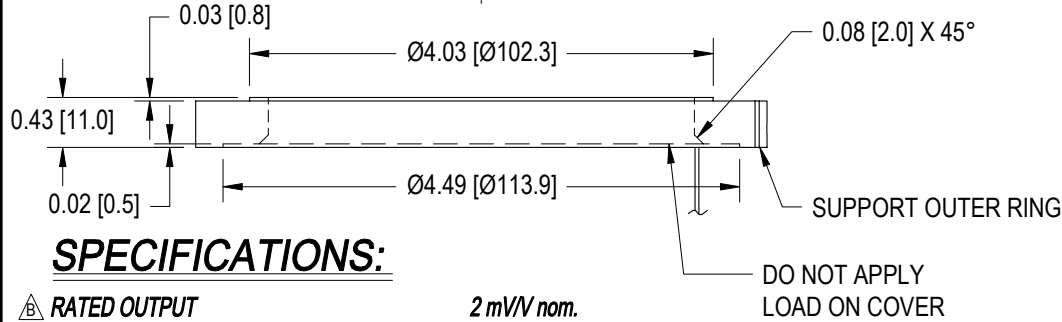
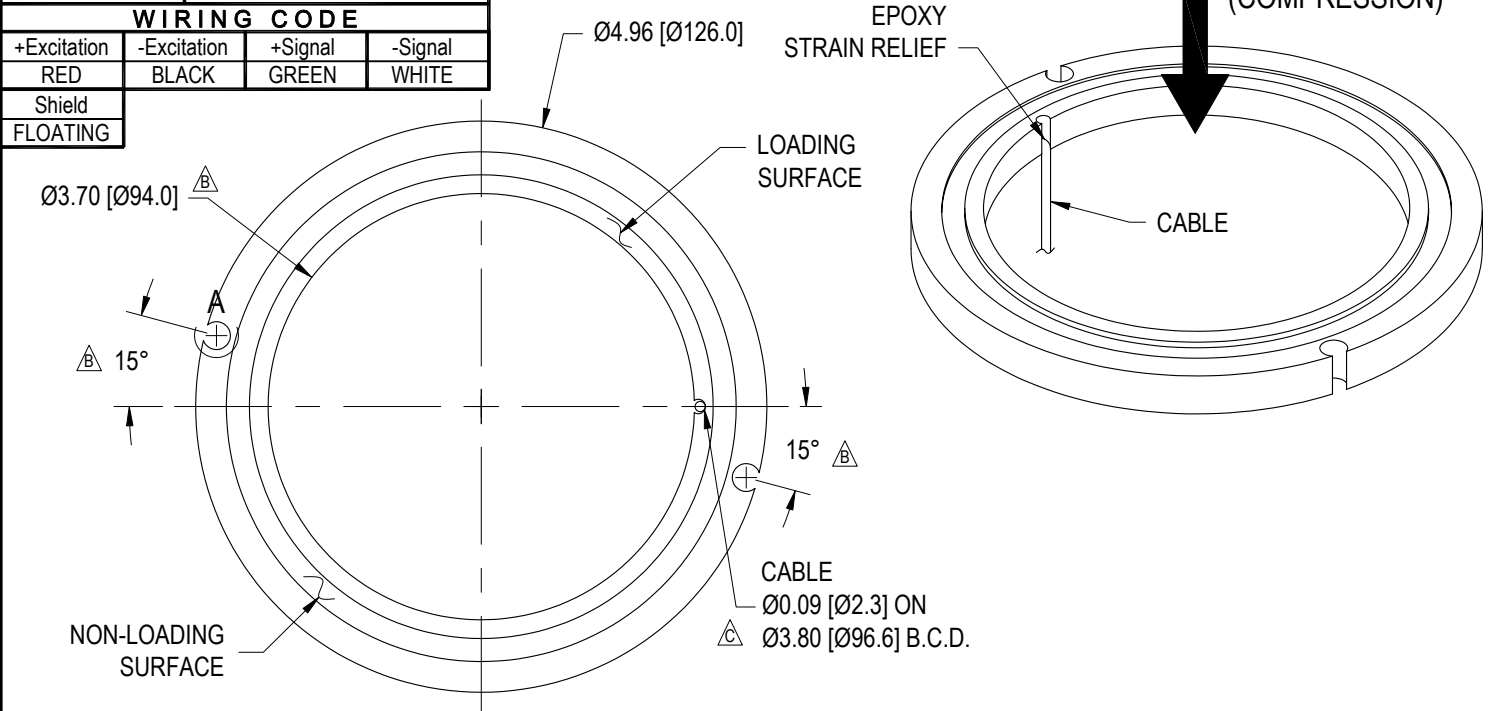
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FUTEK MODEL QLA239 CUSTOM DONUT LOAD CELL

STOCK NUMBER: QSH00593 (Idler)

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

WIRING CODE			
+Excitation	-Excitation	+Signal	-Signal
RED	BLACK	GREEN	WHITE
Shield			
FLOATING			



SPECIFICATIONS:

△ RATED OUTPUT	2 mV/V nom.
△ CAPACITY	40000 lbs
△ SAFE OVERLOAD	NONE
ZERO BALANCE	±3% of R.O.
EXCITATION (VDC OR VAC)	18 MAX
BRIDGE RESISTANCE	350Ω 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	0.8 lb
MATERIAL	STAINLESS STEEL
CABLE: #29 Awg 4 Conductor Spiral Shielded Silicone Cable, 10 ft Long △	

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.

OUTLINE DRAWING

STANDARD NOTES: (Unless Otherwise Specified)

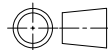
- ALL DIMENSIONS ARE IN INCHES
- DRAWING INTERPRETATION DIMS. PER ASME-Y14.5M
- REMOVE BURRS AND BREAK SHARP EDGES .005 - .015
- THREADS PER HANDBOOK H-28
- DIMENSIONS ARE SHOWN AFTER PLATING

ANGLE:
±1/2°

CHAMFER:
±5°

TOLERANCE:
.XX ±.01
.XXX ±.005

3rd ANGLE PROJ.



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FUTEK

CAGE: 1X8M6

MODEL: QLA239

DWG No.: FO1094

DRAWN BY: H. AU

CHECKED BY: J. VARGAS

APPROVED BY: R. WALKER

DATE: MAY 12, 2005

REVISIONS: (Refer to dwg # revision sheet)

△ 05-13-05

△ 05-19-05

△ 05-26-05

MATERIAL:

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HEAT TREATMENT - FINISH:

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