

FUTEK MODEL QLA341 CUSTOM DONUT LOAD CELL

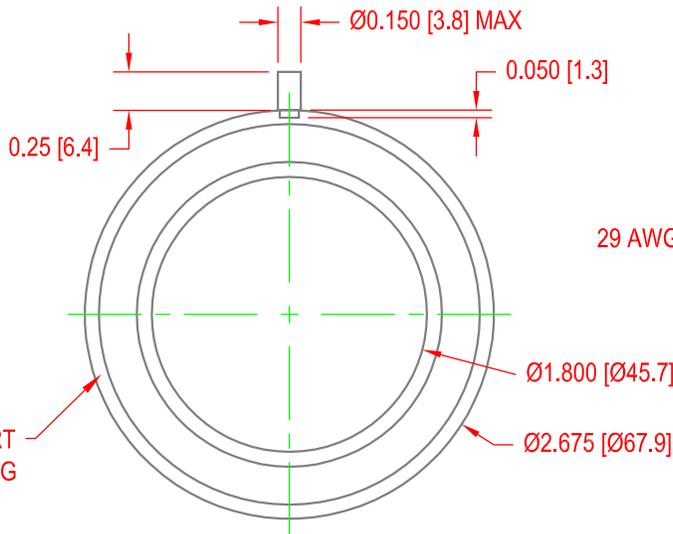
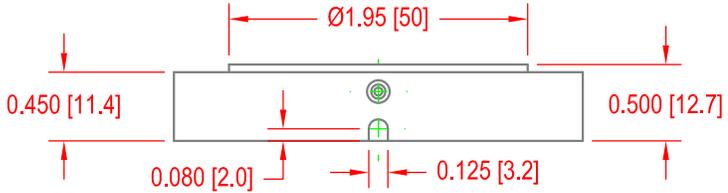
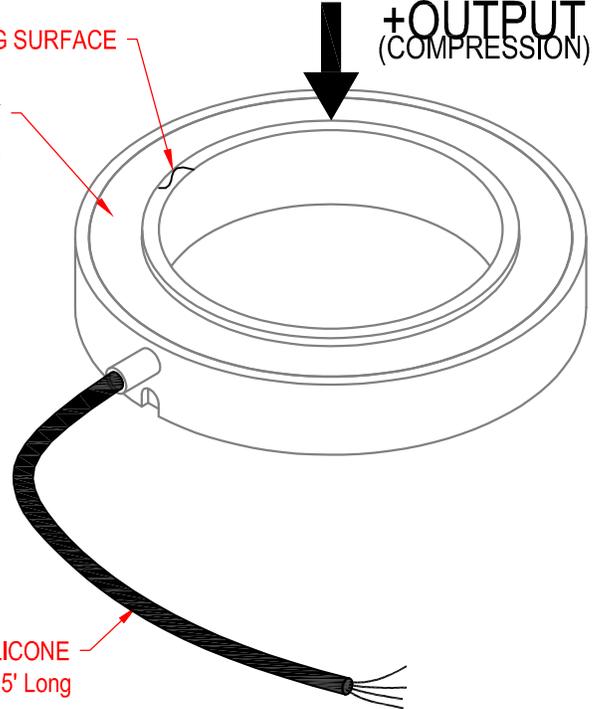
ITEM NUMBER: QSH01453

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

LOADING SURFACE

+OUTPUT
(COMPRESSION)

DO NOT APPLY
LOAD ON COVER



29 AWG SILICONE
5' Long

SPECIFICATIONS:

RATED OUTPUT	1.25 mV/V nom
CAPACITY	1000 lb [4448 N]
SAFE OVERLOAD	150% of R.O.
ZERO BALANCE	±3% of R.O.
EXCITATION	18 VDC MAX
NONLINEARITY	±0.5% of R.O.
HYSTERESIS	±0.5% of R.O.
NONREPEATABILITY	±0.5% of R.O.
TEMP. SHIFT ZERO	±0.01% of R.O./°F [0.018% of R.O./°C]
TEMP. SHIFT SPAN	±0.01% of LOAD/°F [0.018% of LOAD/°C]
COMPENSATED TEMP.	60 to 160°F [15 to 72°C]
OPERATING TEMP.	-60 to 185°F [-50 to 85°C]
WEIGHT	4.8 oz [136 g]
MATERIAL	17-4 PH S.S.
CABLE:	#29 AWG, 4 Conductor, Spiral Shielded Silicone Cable, 5 ft[1.5 m] Long

CUSTOMER APPROVAL-COMPANY

OUTLINE DRAWING

CUSTOMER APPROVAL-NAME /DATE

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:
.X ±0.1
.XX ±0.01
.XXX ±0.005

3rd ANGLE PROJ.



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CAGE: 1X8M6

MODEL: **QLA341**

DWG No.: **FO1285**

DRAWN BY: A. Sata

CHECKED BY: -

APPROVED BY: R. Walker

DATE: **Feb 15, 2011**

REVISIONS: (Refer to dwg # revision sheet)

