

FUTEK MODEL QLA255

STOCK NUMBER: QSH00657

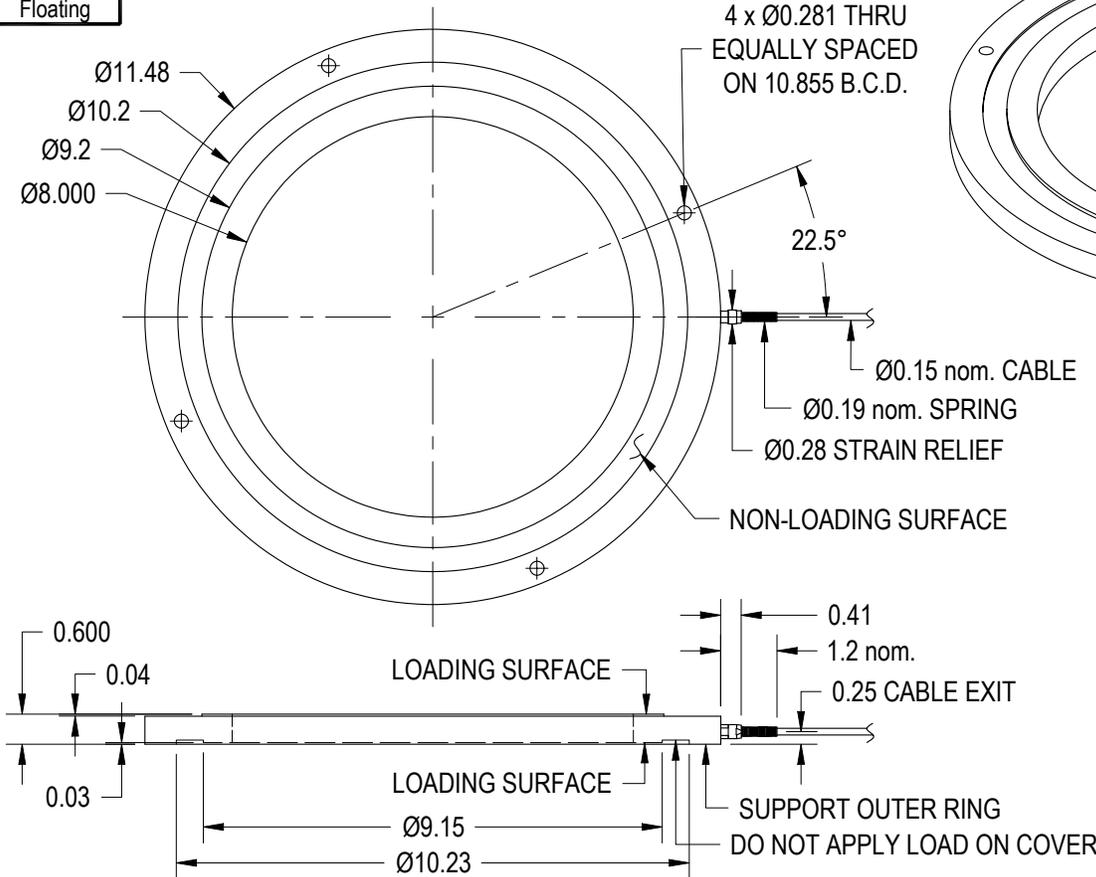
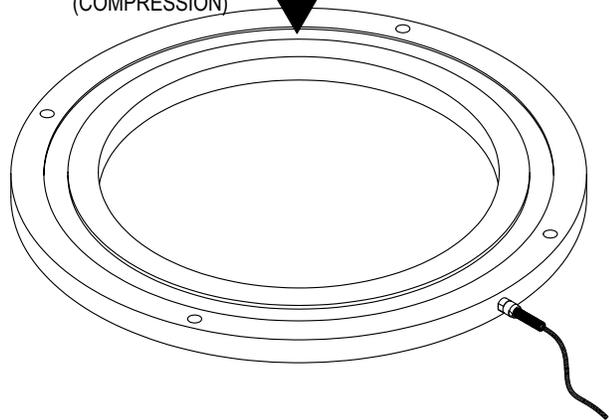
COMPRESSION AND TENSION LOAD CELL

(PREVIOUSLY Q10445)

INCH (mm)		R.O.= Rated Output	
WIRING CODE (WC1)			
+Excitation	-Excitation	+Signal	-Signal
RED	BLACK	GREEN	WHITE
Shield			
Floating			

-OUTPUT
(TENSION)

+OUTPUT
(COMPRESSION)



SPECIFICATIONS:

RATED OUTPUT	3 mV/V nom. (Compression), 0.035 mV/V nom. (Tension)
CAPACITY	2000 lbs (Compression), 25 lbs (Tension)
SAFE OVERLOAD	150% of R.O.
ZERO BALANCE	±2% of R.O.
EXCITATION	18 VDC MAX
BRIDGE RESISTANCE	350 / 700 Ω nom.
NONLINEARITY	±1% 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 160°F
MATERIAL	Anodized Aluminum (flexure), Stainless Steel (cover)

CABLE: #24 AWG, 4 Conductor Braided Shielded Teflon Cable, 10 ft. Long.

OLD REF. DWG. F3693

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)

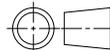
- ALL DIMENSIONS ARE IN INCHES
- DRAWING INTERPRETATION DIMS. PER ASME-Y14.5M
- REMOVE BURRS AND BREAK SHARP EDGES .005 - .015
- THREADS PER HANDBOOK H-28
- DIMENSIONS ARE SHOWN AFTER PLATING

ANGLE:
±1/2°

CHAMFER:
±5°

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

3rd ANGLE PROJ.



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CAGE: 1X8M6

MODEL: QLA255

DWG No.: FO1123

DRAWN BY: H. AU

CHECKED BY: -

APPROVED BY: R. WALKER

DATE: MAR. 9, 2006