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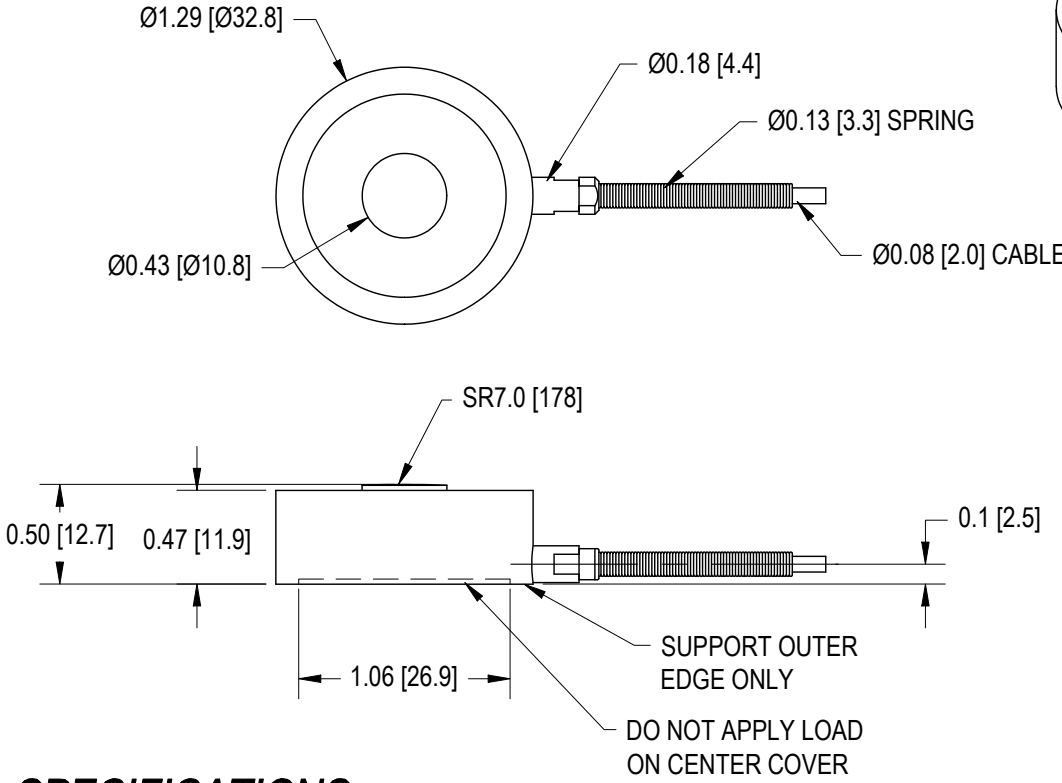
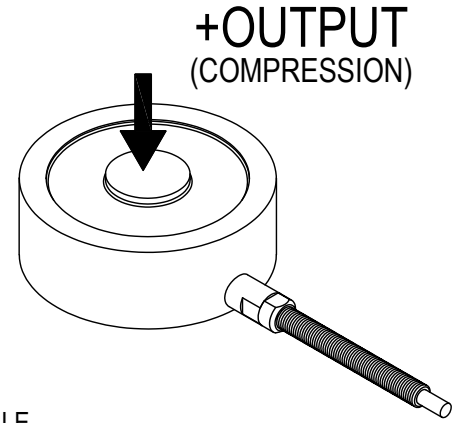
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FUTEK MODEL QLA297

Custom Miniature Load Button Load Cell

STOCK NUMBER: QSH01344

INCH (mm)		R.O.= Rated Output	
WIRING CODE (WC 1)			
+Excitation	-Excitation	+Signal	-Signal
RED	BLACK	GREEN	WHITE
Shield			
Floating			



SPECIFICATIONS:

RATED OUTPUT	2.7 mV/V nom.
CAPACITY	20000 lb [89 KN]
SAFE OVERLOAD	150% of R.O.
ZERO BALANCE	±3% of R.O.
EXCITATION (VDC OR VAC)	15 MAX
BRIDGE RESISTANCE	700 Ω nom
NONLINEARITY	±1% of R.O.
NONREPEATABILITY	±0.25% 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 200°F (-51 to 93°C)
WEIGHT	approx 0.1 lb
MATERIAL	17-4ph S.S.
CABLE: 29 AWG, 4 Conductor Spiral Shielded teflon Cable, 5 ft [1.5 m] Long	

MATERIAL:	—
HEAT TREATMENT - FINISH:	—
REVISIONS: (Refer to dwg # revision sheet)	
▲ 10-29-09	

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: QLA297	DWG No.: F01215-A
DRAWN BY: R. WALKER	CHECKED BY: J. VARGAS
APPROVED BY: —	DATE: May 24, 2008