

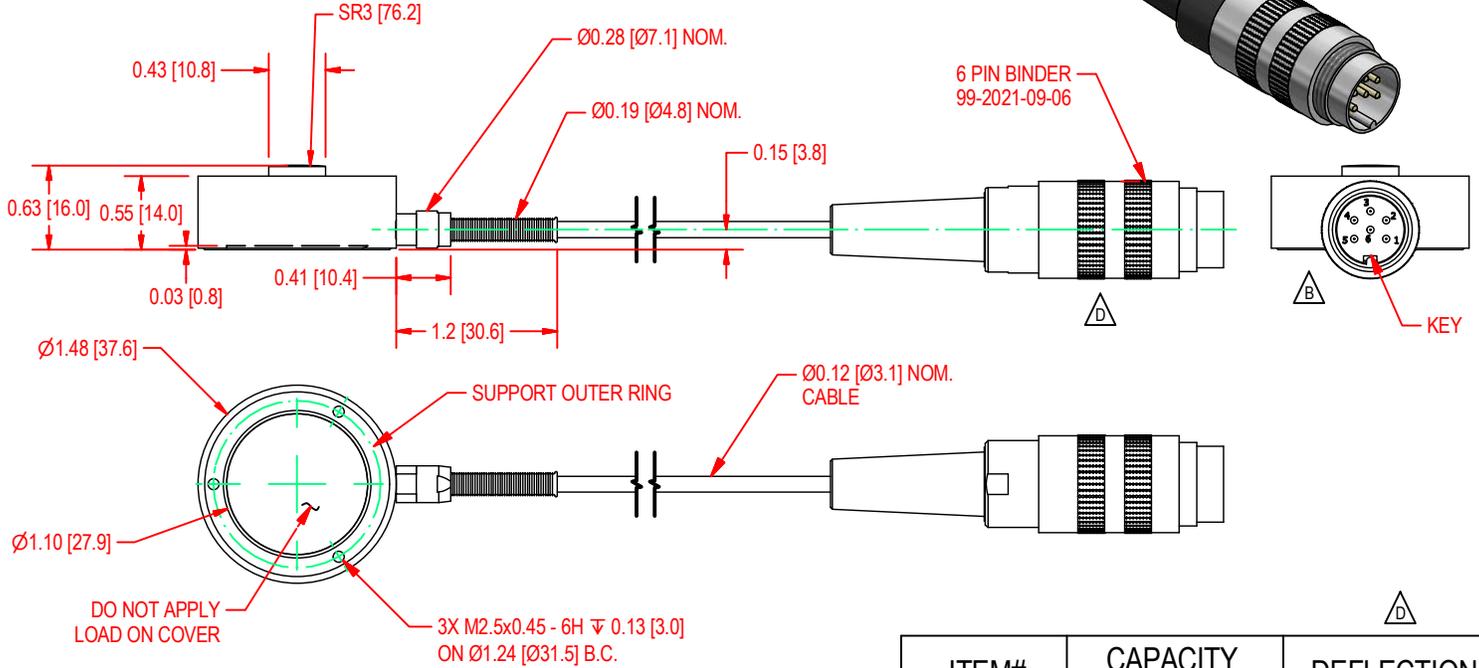
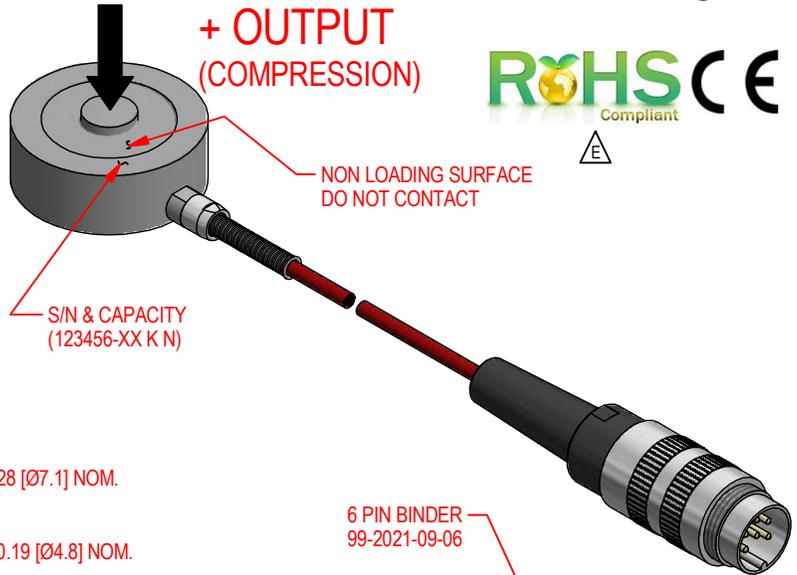
FUTEK MODEL QLA129 Custom Load Button W/Threaded Mounting Holes

ITEM NUMBER: SEE CHART

INCH [mm] R.O.= Rated Output

WIRING CODE			
+ Excitation	- Excitation	+ Signal	- Signal
(RED) PIN 2	(BLK) PIN 1	(GRN) PIN 4	(WHT) PIN 5
SHIELD * PIN 3 (GND)			

* Floating At Sensor Body



SPECIFICATIONS:

RATED OUTPUT	1 mV/V ±2%
CAPACITY	SEE CHART
SAFE OVERLOAD	150 % of R.O.
ZERO BALANCE	±3% of R.O.
EXCITATION (VDC OR VAC)	18 MAX
BRIDGE RESISTANCE	700 Ω nom.
NONLINEARITY	±0.5% of R.O.
HYSTERESIS	±0.5% of R.O.
NONREPEATABILITY	±0.1% of R.O.
TEMP. SHIFT ZERO	±0.01% of R.O./°F (±0.018 of R.O./°C)
TEMP. SHIFT SPAN	±0.02% of LOAD/°F (±0.036 of LOAD/°C)
COMPENSATED TEMP.	60 to 160 °F (16 to 71 °C)
OPERATING TEMP	-5 to 212 °F (-21 to 100 °C)
MATERIAL	17-4 PH.S.S.

CABLE: 26 AWG, 4 Conductor Braided Shield Red Teflon Jacket Cable, 7ft [2.1m] Long w/6 Pin Binder Connector

CE: 2011/65/EU
 RoHS Lead Free YES
 CE COMPLIANCE EN 55011:2009, EN 61326-1:2006

ITEM#	CAPACITY		DEFLECTION
	lb	N	
QSH01902	4496	20000	0.002 (0.051)
QSH01903	11240	50000	0.002 (0.051)

OUTLINE DRAWING

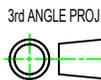
STANDARD NOTES: (Unless Otherwise Specified)

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"



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CUSTOMER APPROVAL- COMPANY:

CUSTOMER APPROVAL- NAME / DATE:

REVISIONS: (Refer to dwg # revision sheet)

A	7/24/2003
B	11/2/2004
C	12/9/2005
D	3/30/2013
E	3/17/2017

MODEL: QLA129	DWG No.: FO1004-E
DRAWN BY: R.Walker	CREATED DATE: 7/11/2003
APPROVED BY: J.Mokhbery	APPROVED DATE: 7/11/2003
CHECKED BY:	CAGE: 1X8M6 SHEET: 1 OF 1