

FUTEK MODEL QLA214

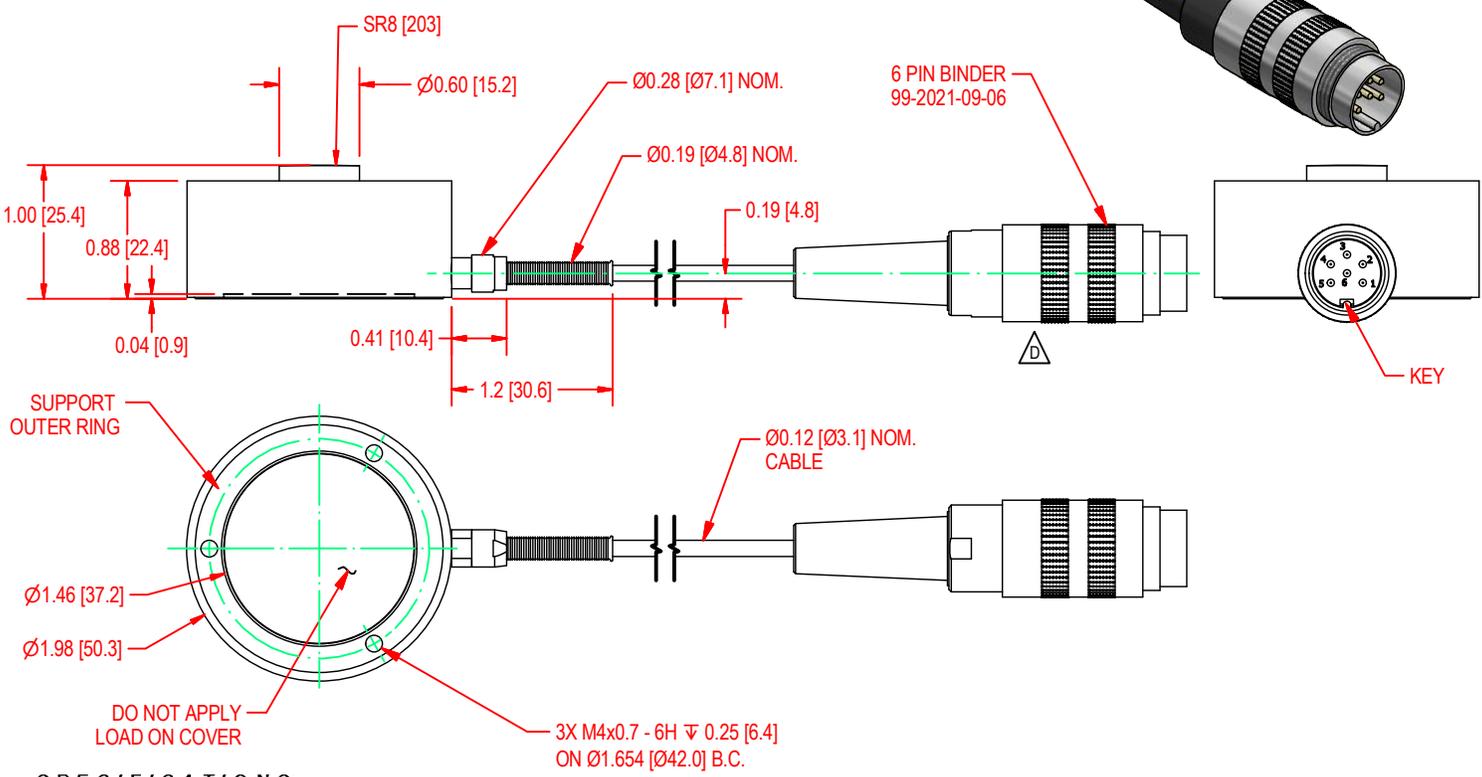
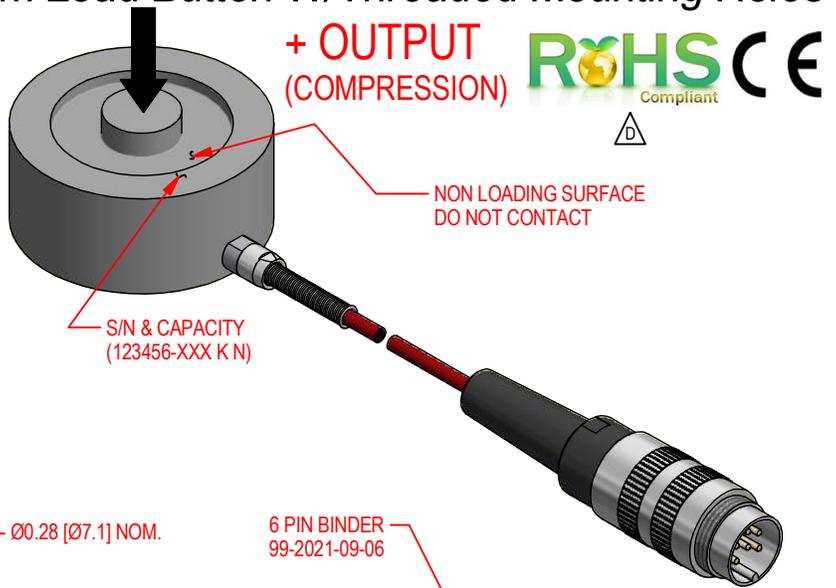
Custom Load Button W/Threaded Mounting Holes

ITEM NUMBER: QSH01904 

INCH [mm] R.O.= Rated Output

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

* Floating At Sensor Body 



SPECIFICATIONS:

RATED OUTPUT	1 mV/V $\pm 2\%$ 
CAPACITY	22480 lb (100 kN)
SAFE OVERLOAD	150 % of R.O.
ZERO BALANCE	$\pm 3\%$ of R.O.
EXCITATION (VDC OR VAC)	18 MAX
BRIDGE RESISTANCE	700 Ω nom.
NONLINEARITY	$\pm 0.5\%$ of R.O.
HYSTERESIS	$\pm 0.5\%$ of R.O.
NONREPEATABILITY	$\pm 0.1\%$ of R.O.
TEMP. SHIFT ZERO	$\pm 0.01\%$ of R.O./ $^{\circ}$ F (± 0.018 of R.O./ $^{\circ}$ C)
TEMP. SHIFT SPAN	$\pm 0.02\%$ of LOAD/ $^{\circ}$ F (± 0.036 of LOAD/ $^{\circ}$ C)
COMPENSATED TEMP.	60 to 160 $^{\circ}$ F (16 to 71 $^{\circ}$ C)
OPERATING TEMP	-5 to 212 $^{\circ}$ F (-21 to 100 $^{\circ}$ C)
MATERIAL	17-4 PH S.S.
DEFLECTION	0.003 (0.076) 
CABLE: 26 AWG, 4 Conductor Braided Shield Red Teflon Jacket Cable, 7ft [2.1m] Long w/6 Pin Binder Connector	
RoHS Lead Free	YES
CE COMPLIANCE	EN55011:2009, EN 61326-1:2006

CUSTOMER APPROVAL- COMPANY:

CUSTOMER APPROVAL- NAME / DATE:

REVISIONS: (Refer to dwg # revision sheet)

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

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:
 $\pm 1/2^{\circ}$

CHAMFER:
 $\pm 5^{\circ}$

TOLERANCE:
X $\pm 0.1^{\circ}$
XX $\pm 0.01^{\circ}$
XXX $\pm 0.005^{\circ}$

3rd ANGLE PROJ.



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MODEL: **QLA214**

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APPROVED BY: J. Vargas

CHECKED BY:

DWG No.: **FO1067-D**

CREATED DATE: 10/4/2004

APPROVED DATE: 10/4/2004

CAGE: 1X8M6 SHEET: 1 OF 1