

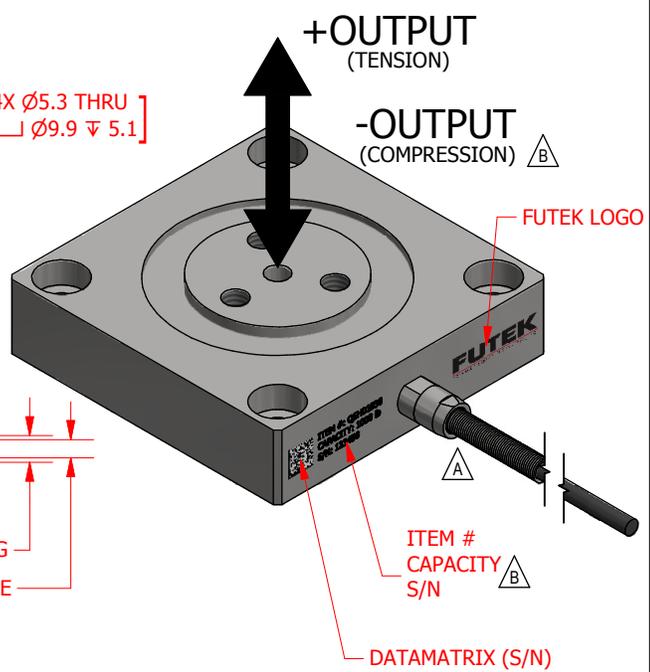
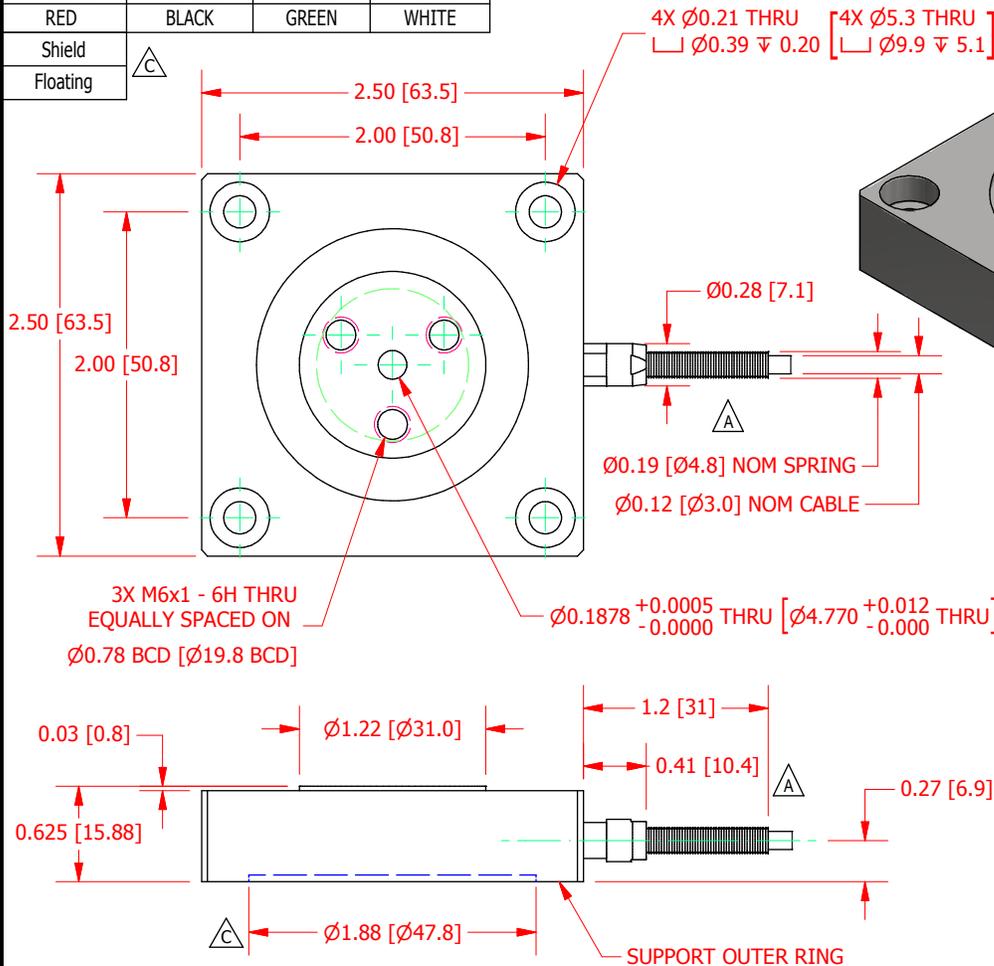
FUTEK MODEL QLA396

CUSTOM SQUARE BODY CENTER FLANGE LOAD CELL

ITEM NUMBER: SEE CHART [△]

INCH [mm] | R.O. = Rated Output

WIRING CODE: WC1 [△]			
+ Excitation	- Excitation	+ Signal	- Signal
RED	BLACK	GREEN	WHITE
Shield			
Floating			



SPECIFICATIONS:

RATED OUTPUT	2 mV/V NOM.
CAPACITY	SEE CHART [△]
SAFE OVERLOAD	150 % of R.O.
ZERO BALANCE	±5% of R.O.
EXCITATION (VDC OR VAC)	15 MAX
BRIDGE RESISTANCE	700 Ω nom.
NONLINEARITY	±1% of R.O.
HYSTERESIS	±1% 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.	70 to 170 °F (21 to 77 °C)
OPERATING TEMP	-60 to 200 °F (-51 to 93 °C)
WEIGHT (approx)	0.83 lb [376.4 g]
MATERIAL	17-4 PH STAINLESS STEEL
CABLE: #28 AWG 4 Conductor Braided Shielded PCV Cable, 10 ft [3 m] Long [△]	

ITEM #	CAPACITY
QSH01838	1000 lb [4440 N]
QSH01970	1500 lb [6670 N]

OUTLINE DRAWING

STANDARD NOTES: (Unless Otherwise Specified)
 ALL DIMENSIONS ARE IN INCHES
 DRAWING INTERPRETATION DIMS. PER ASME-Y14.5
 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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MODEL: QLA396	DWG No.: F01417-C
DRAWN BY: M. LISIAK	CREATED DATE: 1/27/2016
APPROVED BY: R. WALKER	APPROVED DATE: 1/27/2016
CHECKED BY:	CAGE: 1X8M6 SHEET: 1 OF 1

CUSTOMER APPROVAL- COMPANY:	
CUSTOMER APPROVAL- NAME / DATE:	
REVISIONS: (Refer to dwg # revision sheet)	
A	2/1/2016
B	3/17/2016
C	4/26/2018