

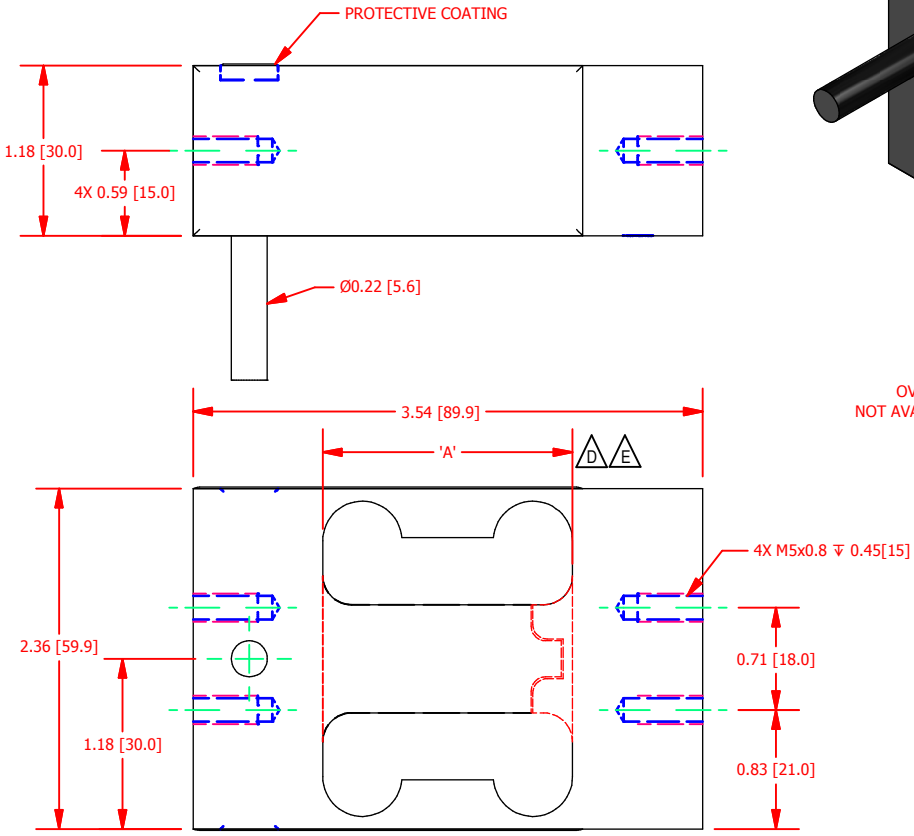
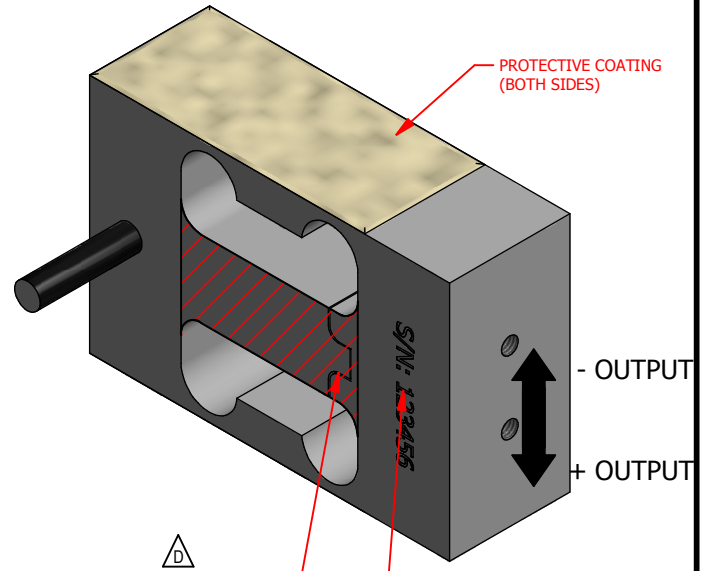
# FUTEK MODEL QLA321

# PARALLEL BEAM LOAD CELL

ITEM NUMBER: SEE CHART D



INCH [mm]		R.O. = Rated Output	
WIRING CODE			
+ Excitation	- Excitation	+ Signal	- Signal
RED	WHITE	BLUE	GREEN
Shield			
FLOATING			



D  
OVERLOAD PROTECTION  
NOT AVAILABLE ON QSH01818

S/N (w/ DATAMATRIX)  
B E

### SPECIFICATIONS:

RATED OUTPUT	2 mV/V nom.
CAPACITY	60 lb. [266.4N]
SAFE OVERLOAD	See Chart
ZERO BALANCE	±2% of R.O.
EXCITATION (VDC OR VAC)	18 MAX
BRIDGE RESISTANCE	350 Ω nom.
NONLINEARITY	±0.05% of R.O.
HYSTERESIS	±0.05% of R.O.
NONREPEATABILITY	±0.01% 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 (16 to 71 °C)
OPERATING TEMP	0 to 160 °F (-18 to 71 °C)
WEIGHT (approx)	0.5 lb [226.8 g]
MATERIAL	Aluminum

D E

ITEM#	OVERLOAD PROTECTION	'A'	SAFE OVERLOAD
QSH01821	YES	0	150 lb [667N]
QSH01818	NO	1.74 [44.2]	90 lb [400 N]

**DSPM Industria\***  
sensori & trasduttori

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D CABLE: #26 Awg 4 Conductor Foil Shielded PVC Cable, 8 in [0.2 m] Long

CUSTOMER APPROVAL- COMPANY:	<h2 style="color: green;">OUTLINE DRAWING</h2>	<p><i>This drawing is submitted solely for the information and exclusive use of the original addressee. It is not to be divulged in whole or in part, by any firm or individual without written permission from:</i></p> <p style="text-align: right;"><b>FUTEK</b> ADVANCED SENSOR TECHNOLOGY, INC.</p>										
CUSTOMER APPROVAL- NAME / DATE:	STANDARD NOTES: (Unless Otherwise Specified)	MODEL: <b>QLA321</b> DWG No.: <b>F01242-E</b>										
REVISIONS: (Refer to dwg # revision sheet)	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	DRAWN BY: <i>E. Pano</i> CREATED DATE: <i>8/17/2015</i>										
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 5%;">A</td><td style="width: 15%;">7-19-10</td></tr> <tr><td>B</td><td>3-01-11</td></tr> <tr><td>C</td><td>2-08-13</td></tr> <tr><td>D</td><td>8-17-15</td></tr> <tr><td>E</td><td>12-21-15</td></tr> </table>	A	7-19-10	B	3-01-11	C	2-08-13	D	8-17-15	E	12-21-15	<p>ANGLE: ± 1/2° CHAMFER: ± 5° TOLERANCE: .X ± 0.1" .XX ± 0.01" .XXX ± 0.005"</p> <p style="text-align: center;">3rd ANGLE PROJ.</p>	APPROVED BY: <i>R. Walker</i> APPROVED DATE: <i>8/18/2015</i>
A	7-19-10											
B	3-01-11											
C	2-08-13											
D	8-17-15											
E	12-21-15											
		CHECKED BY: CAGE: 1X8M6 SHEET: 1 OF 1										