

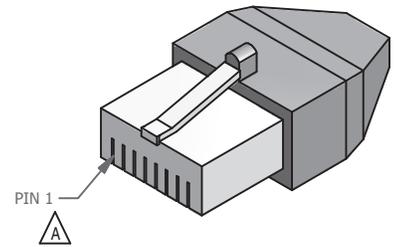
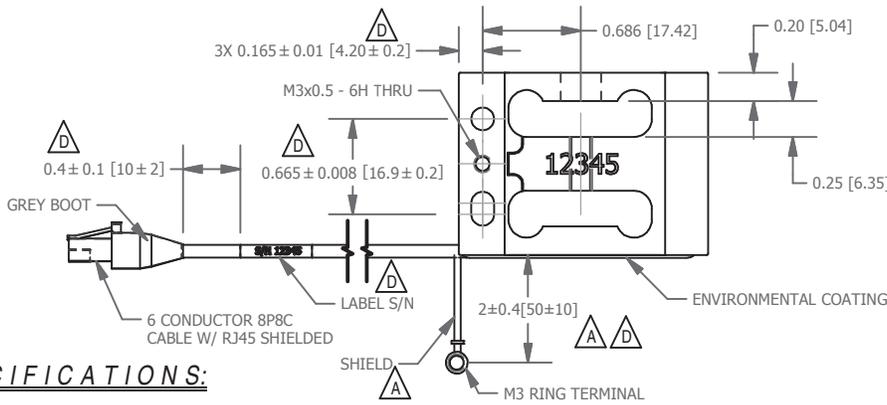
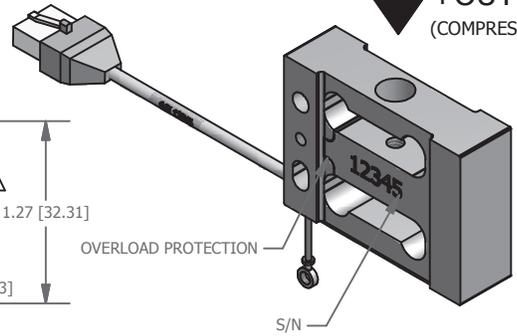
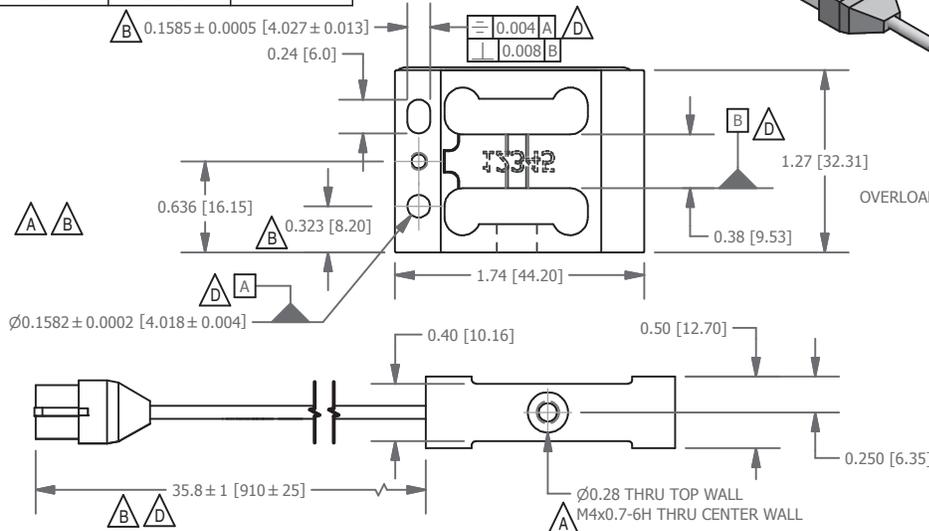
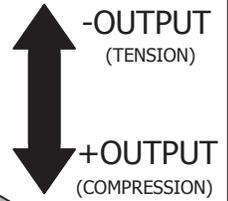
FUTEK MODEL QLA350

Parallelogram Load Cell w/ Overload Protection

ITEM NUMBER: See Chart



INCH [mm]		R.O.= Rated Output	
WIRING CODE (WC 4)			
+Excitation	-Excitation	+Signal	-Signal
RED PIN 1	BLACK PIN 6	GREEN PIN 4	WHITE PIN 5
+SENSE	-SENSE	GROUND	
ORANGE PIN 2	BLUE PIN 3	SHIELD FLOATING	



SPECIFICATIONS:

RATED OUTPUT	2 mV/V nom.
CAPACITY	See Chart
SAFE OVERLOAD	250 lb [1112 N]
ZERO BALANCE	±2% of R.O.
EXCITATION (VDC OR VAC)	18 MAX
BRIDGE RESISTANCE	1000 Ω nom
NONLINEARITY	±0.1% of R.O.
HYSTERESIS	±0.1% of R.O.
NONREPEATABILITY	±0.1% of R.O.
TEMP. SHIFT ZERO	±0.005% of R.O./°F (±0.01% of R.O./°C)
TEMP. SHIFT SPAN	±0.005% of LOAD/°F (±0.01% 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)	1.5 oz
MATERIAL	Aluminum

CABLE: 28 Awg, 6 Conductor Braided Shielded Poly Cable. Jacket Material Compliant to UL 94 V-0 and Cable compliant to UL AWM Style: 20549 for 80 Deg C / 30 Volts

ITEM #	Capacity
QSH01510	50 lb (222.4 N)
QSH01596	100 lb (444.8 N)



CUSTOMER APPROVAL- COMPANY: CUSTOMER APPROVAL- NAME / DATE: REVISIONS: (Refer to dwg # revision sheet)	<h2 style="margin: 0;">OUTLINE DRAWING</h2> <p>STANDARD NOTES: (Unless Otherwise Specified)</p> <p>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</p> <p>3rd ANGLE PROJ.</p>	<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>	<h2 style="margin: 0;">FUTEK</h2> <p style="font-size: small;">ADVANCED SENSOR TECHNOLOGY, INC. 10 THOMAS, IRVINE, CA 92618 USA Phone: (949) 465-0900 Fax: (949) 465-0905</p>								
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:5%;">A</td> <td style="width:15%;">10/25/2011</td> </tr> <tr> <td>B</td> <td>4/4/2012</td> </tr> <tr> <td>C</td> <td>6/13/2013</td> </tr> <tr> <td>D</td> <td>10/15/2014</td> </tr> </table>	A	10/25/2011	B	4/4/2012	C	6/13/2013	D	10/15/2014	<p>ANGLE: ± 1/2° CHAMFER: ± 5° TOLERANCE: .X ± 0.1" .XX ± 0.01" .XXX ± 0.005"</p>	MODEL: QLA350 DRAWN BY: R. WALKER APPROVED BY: J. MOKHBERY CHECKED BY:	DWG No.: FO1291-D CREATED DATE: 5/10/2011 APPROVED DATE: 5/10/2011 CAGE: 1X8M6 SHEET: 1 OF 1
A	10/25/2011										
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