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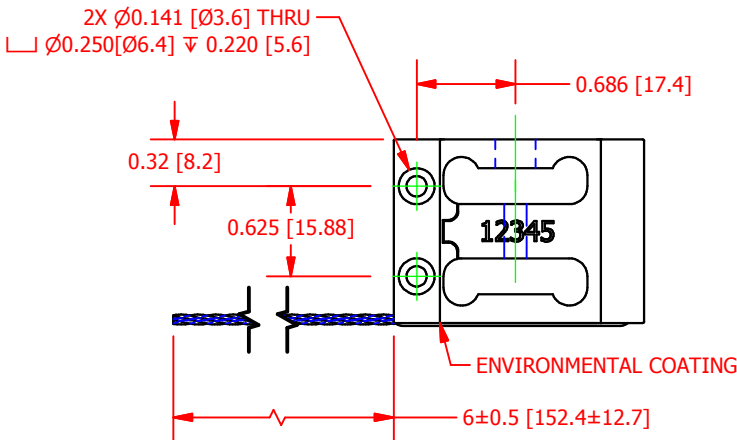
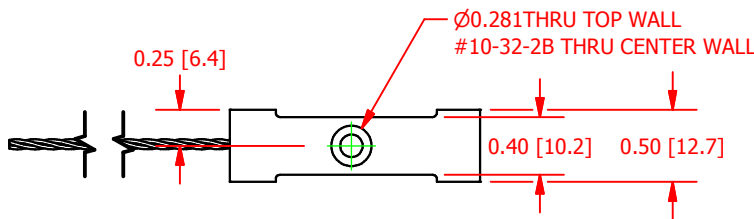
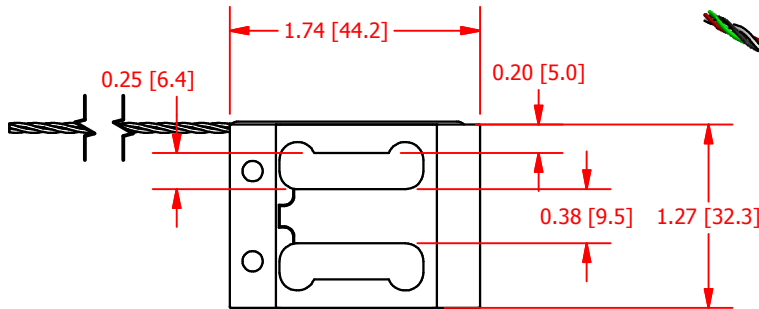
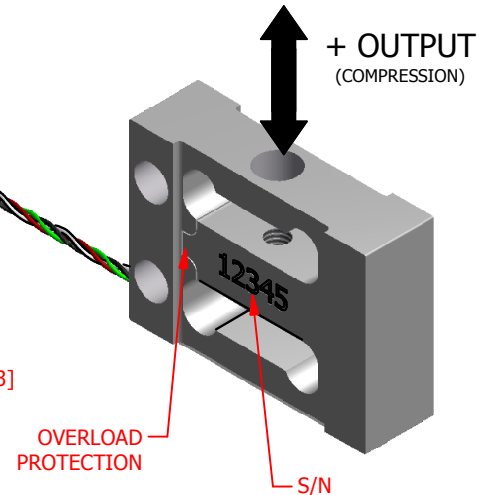
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# FUTEK MODEL QLA357

## Parallelogram Load Cell w/ Overload Protection - RoHS Leadfree

ITEM NUMBER: QSH01576

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



### SPECIFICATIONS:

RATED OUTPUT	2 mV/V nom.
CAPACITY	5 lb [0.022kN]
SAFE OVERLOAD	250 lb
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 (±0.009 of R.O./°C)
TEMP. SHIFT SPAN	±0.005% of LOAD/°F (±0.009 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)	1.5oz
MATERIAL	Aluminum
CABLE:	29 Awg, 4 Conductor Spiral Teflon Cable, 6in Long

CUSTOMER APPROVAL- COMPANY:

CUSTOMER APPROVAL- NAME / DATE:

REVISIONS: (Refer to dwg # revision sheet)

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## OUTLINE DRAWING

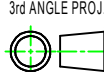
STANDARD NOTES: (Unless Otherwise Specified)

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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MODEL: <b>QLA357</b>	DWG No.: <b>FO1307</b>
DRAWN BY: <i>E. PANO</i>	CREATED DATE: <i>12/23/2011</i>
APPROVED BY: <i>R. Walker</i>	APPROVED DATE: <i>12/27/2011</i>
CHECKED BY:	CAGE: 1X8M6 SHEET: 1 OF 1