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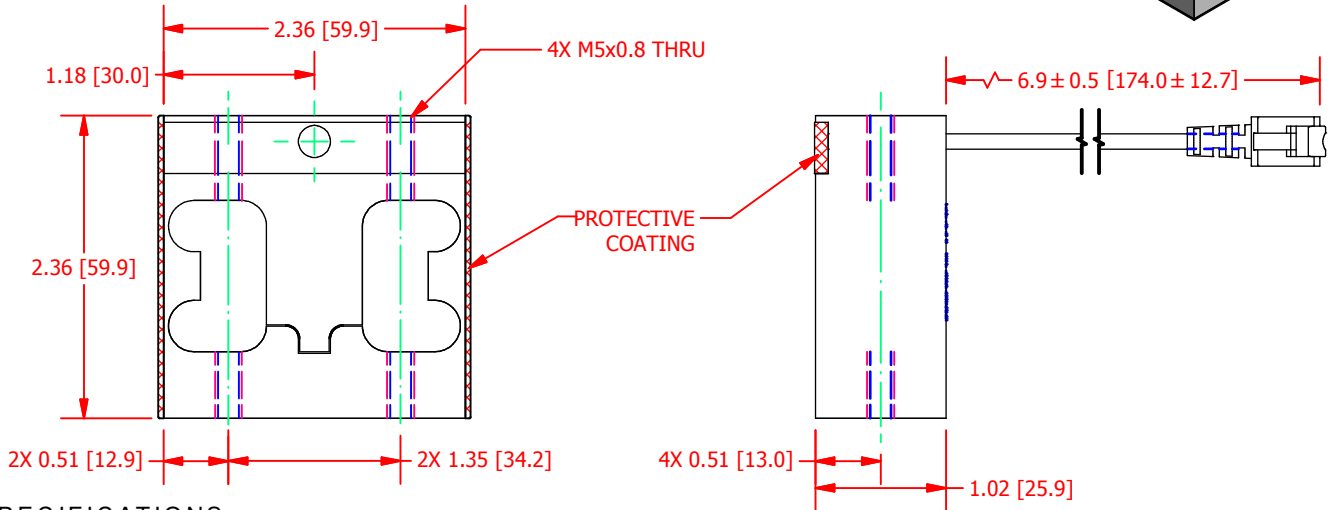
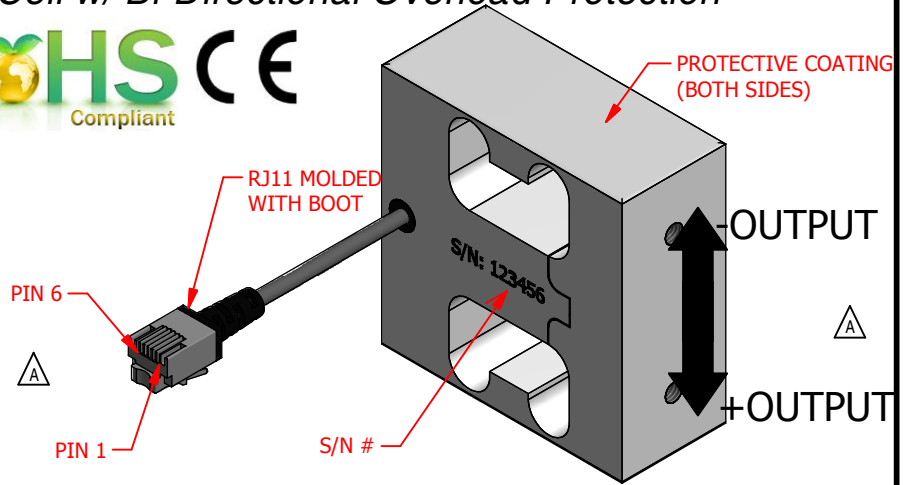
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FUTEK MODEL QLA378 *Ultra High Accuracy, Robust Parallelogram Load Cell w/ Bi-Directional Overload Protection*

ITEM NUMBER: QSH01743



INCH [mm]		R.O.= Rated Output	
WIRING CODE			
+ Excitation	- Excitation	+ Signal	- Signal
GREEN PIN 2	BLACK PIN 4	WHITE PIN 3	RED PIN 5
Shield			
FLOATING		⚠	



SPECIFICATIONS:

RATED OUTPUT	2 mV/V
CAPACITY	15 lb
SAFE OVERLOAD	150 lb
ZERO BALANCE	±2% of R.O.
EXCITATION (VDC OR VAC)	18 MAX
BRIDGE RESISTANCE	350 Ω nom
NONLINEARITY	±0.03% of R.O.
HYSTERESIS	±0.03% 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)	0.4 lb
MATERIAL	ALUMINUM
CABLE: #28 Awg 4 Conductor Braided Shield, Clear PVC Cable, 6.9' Long w. RJ11 Connector 6P4C	
RoHS Lead Free	YES
ISO13485 COMPLIANCE	YES
IPC/WHMA-A-620 COMPLIANCE	YES
CE COMPLIANCE	EN55011:2009, EN 61326-1:2006

CUSTOMER APPROVAL- COMPANY:

OUTLINE DRAWING

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FUTEK

CUSTOMER APPROVAL- NAME / DATE:

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°

3rd ANGLE PROJ.
 TOLERANCE:
 .X ± 0.1"
 .XX ± 0.01"
 .XXX ± 0.005"



MODEL: QLA378	DWG No.: FO1368-A
DRAWN BY: M. Lisiak	CREATED DATE: 5/27/2014
APPROVED BY: R. Walker	APPROVED DATE: 5/28/2014
CHECKED BY:	CAGE: 1X8M6 SHEET: 1 OF 1

REVISIONS: (Refer to dwg # revision sheet)

A	8/25/14
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