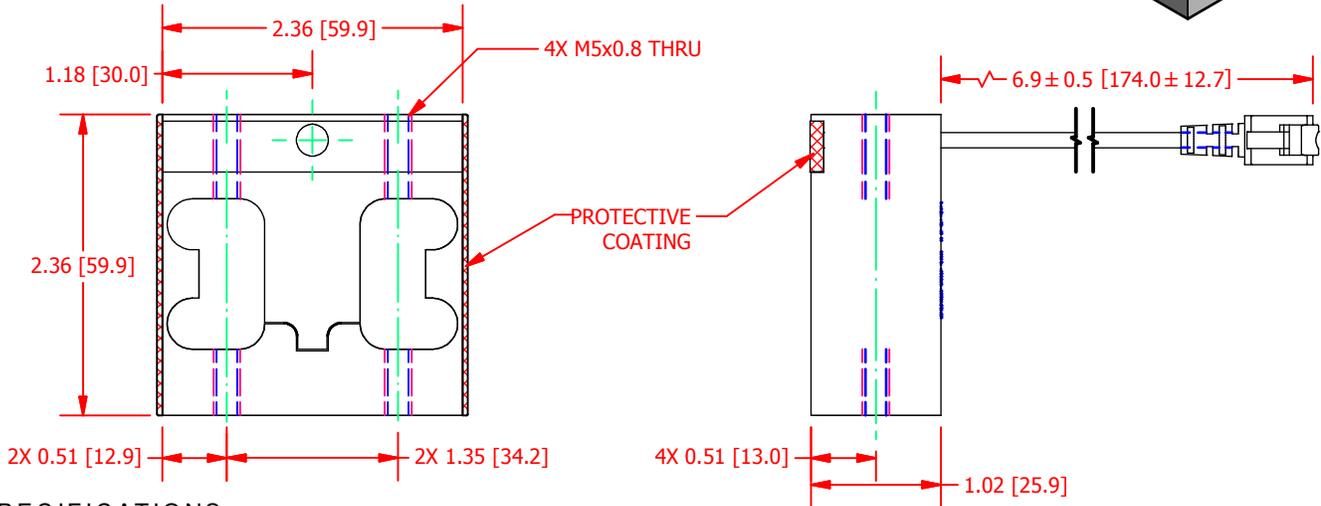
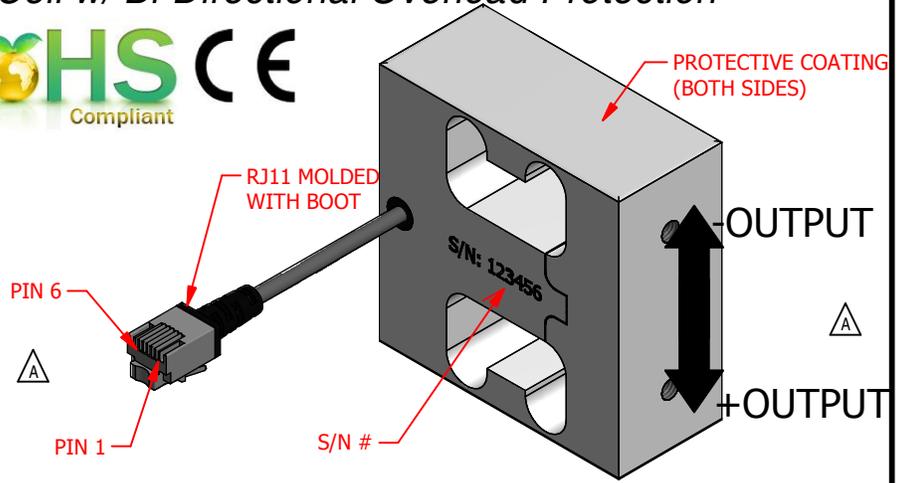


FUTEK MODEL QLA378 *Ultra High Accuracy, Robust Parallelogram Load Cell w/ Bi-Directional Overload Protection*

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:	
CUSTOMER APPROVAL- NAME / DATE:	
REVISIONS: (Refer to dwg # revision sheet)	
A	8/25/14

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

3rd ANGLE PROJ.

ANGLE: ± 1/2°
CHAMFER: ± 5°
TOLERANCE:
.X ± 0.1"
.XX ± 0.01"
.XXX ± 0.005"

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:

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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