

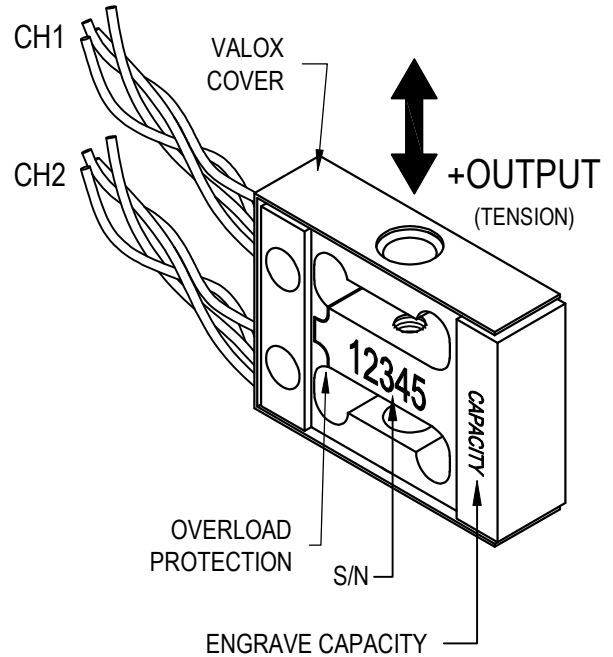
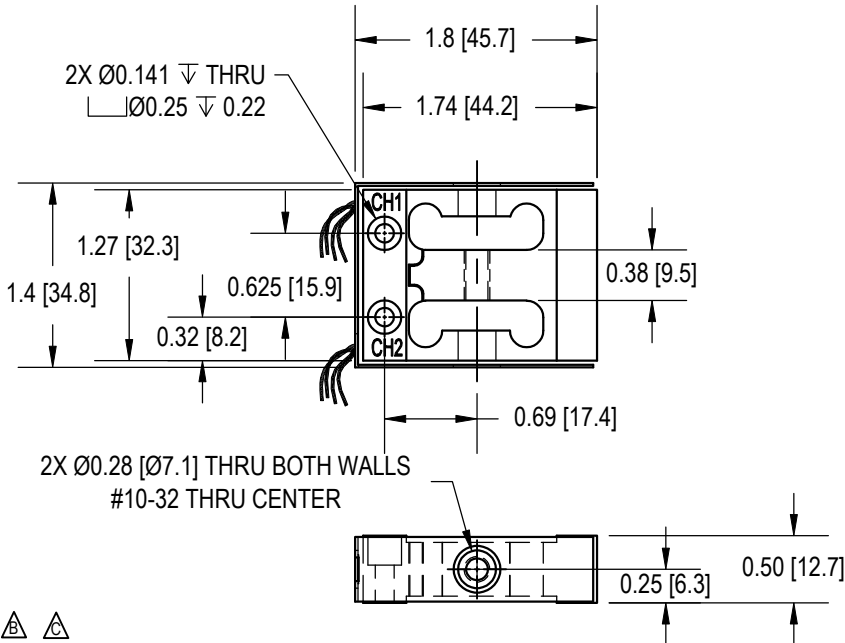
FUTEK MODEL QLA337 CUSTOM DUAL BRIDGE PARALLELOGRAM LOAD CELL

ITEM NUMBER: SEE CHART

INCH [mm] | R.O.= Rated Output

WIRING CODE (WC2)			
+Excitation	-Excitation	+Signal	-Signal
GREEN	BLACK	WHITE	RED

COLOR CODE FOR THIS SENSOR IS NOT FUTEK STANDARD



SPECIFICATIONS:

ITEM NO.	QSH01423		QSH01489		QSH01550	
CAPACITY	kg	lb	kg	lb	kg	lb
	15	33	2.5	5.5	10	22
RATED OUTPUT- mV/V (nom.)	1.4		2.2		1.9	
R.O. TOLERANCE ±(% of R.O.)	5		5		5	
ZERO BALANCE ±(% of R.O.)	3		3		3	
TEMP. SHIFT ZERO±(of R.O./°C)	0.005		0.01		0.005	
TEMP. SHIFT SPAN ±(% of LOAD/°C)	0.002		0.005		0.002	
NONLINEARITY ±(% of R.O.)	0.02		0.025		0.02	
HYSTERESIS ±(% of R.O.)	0.02		0.025		0.02	
NON-REPEATABILITY	0.02		0.035		0.02	
CREEP ±(% of LOAD.) IN 10 MINUTES	0.03		0.033		0.03	
CABLE: 2X #29 AWG, 4 Conductor, Spiral Teflon Cable	6 in		4 ft		6 in	
SAFE OVERLOAD	250 lb (114 kg)					
EXCITATION (VDC OR VAC)	18 MAX					
BRIDGE RESISTANCE	1000 Ω nom.					
COMPENSATED TEMP.	50 to 104°F [10 to 40°C]					
OPERATING TEMP.	50 to 104°F [10 to 40°C]					
WEIGHT	approx 1.5 oz					
MATERIAL	ALUMINUM					

CUSTOMER APPROVAL-COMPANY

CUSTOMER APPROVAL-NAME /DATE

REVISIONS: (Refer to dwg # revision sheet)

3-24-11
10-18-11
10-31-11

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

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FUTEK
ADVANCED SENSOR TECHNOLOGY, INC.

CAGE: 1X8M6

MODEL: **QLA337**

DWG No.: **F01272-C**

DRAWN BY: R. WALKER

CHECKED BY: J. VARGAS

APPROVED BY: -

DATE: **Aug 4, 2010**