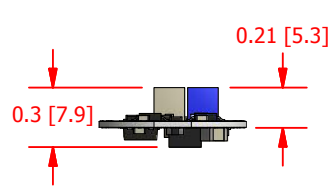
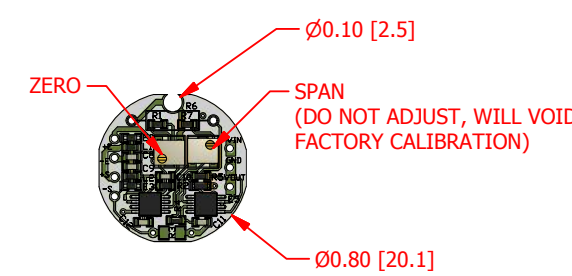
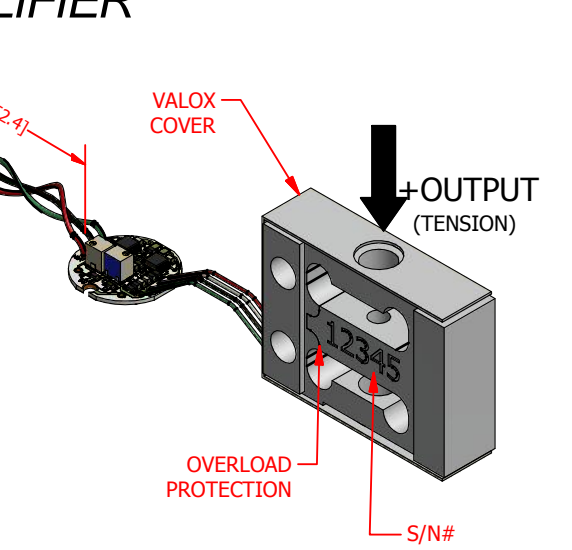
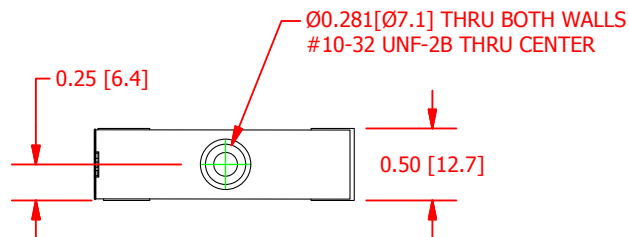
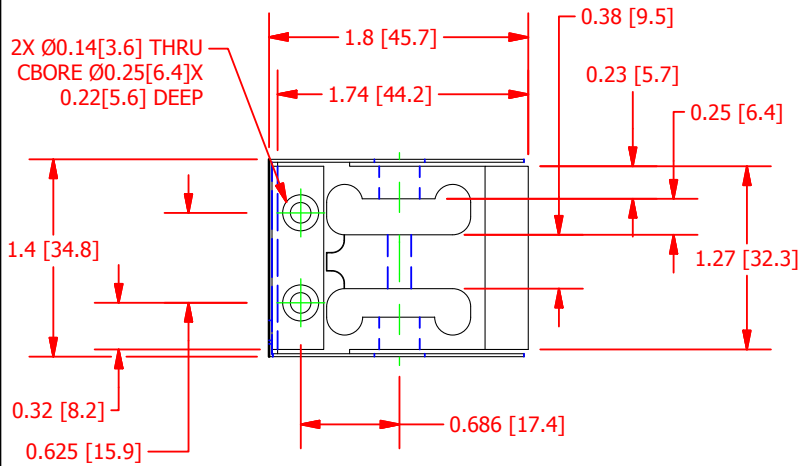


# FUTEK MODEL LSM300

ITEM NUMBER: QSH01697

## PARALLELOGRAM LOAD CELL W/ OVERLOAD PROTECTION AND INLINE AMPLIFIER

INCH [mm]   R.O.= Rated Output		
WIRING CODE (CC1C)		
Power Supply (+)	Ground(-)	Voltage Output (+)
RED	BLACK	Green



### SPECIFICATIONS:

<b>RATED OUTPUT</b>	<b>8VDC</b>
<b>CAPACITY</b>	<b>25 lb [111N]</b>
<b>SAFE OVERLOAD</b>	<b>250 lb</b>
<b>ZERO BALANCE</b>	<b>1VDC</b>
<b>POWER SUPPLY</b>	<b>12-24 VDC</b>
<b>NONLINEARITY</b>	<b>±0.05% of R.O.</b>
<b>HYSTERESIS</b>	<b>±0.05% of R.O.</b>
<b>NONREPEATABILITY</b>	<b>±0.02% of R.O.</b>
<b>TEMP. SHIFT ZERO</b>	<b>±0.007% of R.O./°F (±0.013 of R.O./°C)</b>
<b>TEMP. SHIFT SPAN</b>	<b>±0.007% of LOAD/°F (±0.013 of LOAD/°C)</b>
<b>COMPENSATED TEMP.</b>	<b>60 to 160°F (15 to 71°C)</b>
<b>OPERATING TEMP</b>	<b>-45 to 185°F (-43 to 84°C)</b>
<b>WEIGHT (approx)</b>	<b>0.2 lb [0.335 kg] System Weight</b>
<b>MATERIAL (Sensor)</b>	<b>Aluminum</b>
<b>CABLE:</b>	<b>#29AWG, 4 Conductor, Spiral Teflon Cable, 6 in. [152.4 mm] Long</b>

CUSTOMER APPROVAL- COMPANY:

CUSTOMER APPROVAL- NAME / DATE:

REVISIONS: (Refer to dwg # revision sheet)

## OUTLINE DRAWING

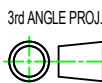
STANDARD NOTES: (Unless Otherwise Specified)

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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**FUTEK**  
ADVANCED SENSOR TECHNOLOGY, INC.  
10 THOMAS, IRVINE, CA 92618 USA  
Phone: (949) 465-0900  
Fax: (949) 465-0905

MODEL: **LSM300**

DWG No.: **FO1353**

DRAWN BY: *E. Pano*

CREATED DATE: *5/20/2015*

APPROVED BY: \_\_\_\_\_

APPROVED DATE:

CHECKED BY:

CAGE: 1X8M6 SHEET: 1 OF 1