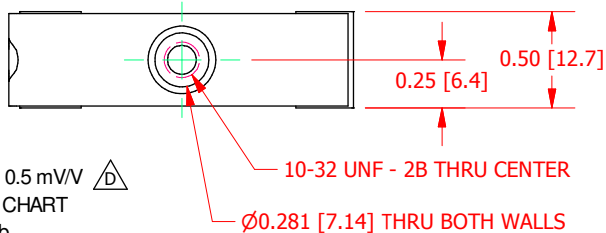
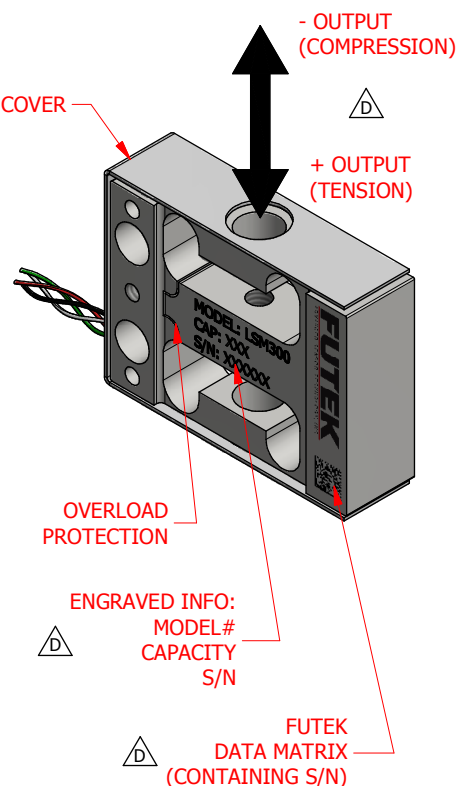
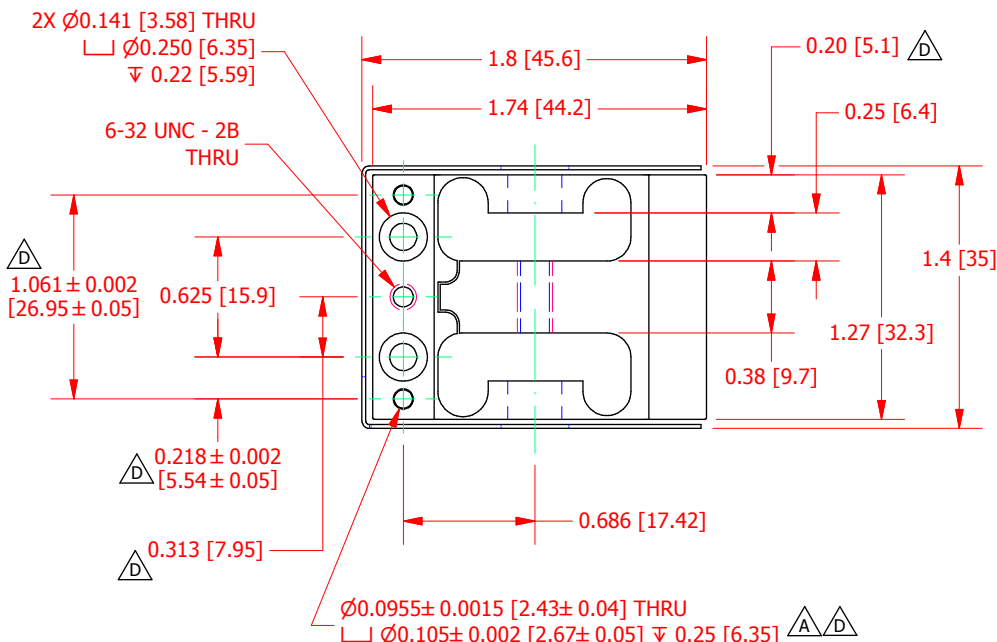


# FUTEK MODEL LSM300

# PARALLELOGRAM LOAD CELL W/ OVERLOAD PROTECTION AND SPECIAL MOUNTING PROVISIONS

ITEM NUMBER: SEE CHART

INCH [mm]		R.O.= Rated Output	
<b>WIRING CODE: WC2</b>			
+ Excitation	- Excitation	+Signal	-Signal
GREEN	BLACK	WHITE	RED



### SPECIFICATIONS:

RATED OUTPUT	2.0 ± 0.5 mV/V $\Delta$
CAPACITY	SEE CHART
SAFE OVERLOAD	250 lb
ZERO BALANCE	±3% of R.O.
EXCITATION (VDC OR VAC)	18 MAX
BRIDGE RESISTANCE	1000 $\Omega$ nom.
NONLINEARITY	±0.02% of R.O.
HYSTERESIS	±0.02% of R.O.
NONREPEATABILITY	±0.02% of R.O.
CREEP	±0.025% of LOAD
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	-60 to 200 °F (-51 to 93 °C)
WEIGHT (approx)	0.06 lb [28.6 g]
MATERIAL	ALUMINUM
CABLE: #29 Awg 4 Conductor, Sprial Teflon Cable 6 in. [152.4 mm] Long	
RoHS COMPLIANCE	2011/65/EU $\Delta$

	ITEM#	CAP. [lb]	CAP [N]
$\Delta$	QSH01926	50	222
$\Delta$	QSH01927	100	445

CUSTOMER APPROVAL- COMPANY:

## OUTLINE DRAWING

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:

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

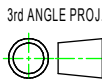
CUSTOMER APPROVAL- NAME / DATE:

STANDARD NOTES: (Unless Otherwise Specified)  
ALL DIMENSIONS ARE IN INCHES.  
METRIC DIMS FOR REFERENCE ONLY.  $\Delta$   
DRAWING INTERPRETATION DIMS. PER ASME-Y14.5  
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"



REVISIONS: (Refer to dwg # revision sheet)

A	11/24/2008
B	2/10/2010
C	7/21/2017
D	10/31/2018

MODEL: <b>LSM300</b>	DWG No.: <b>FO1231-D</b>
DRAWN BY: S. TRAN	CREATED DATE: 11/18/2008
APPROVED BY: R. WALKER	APPROVED DATE: 11/18/2008
CHECKED BY:	CAGE: 1X8M6 SHEET: 1 OF 1