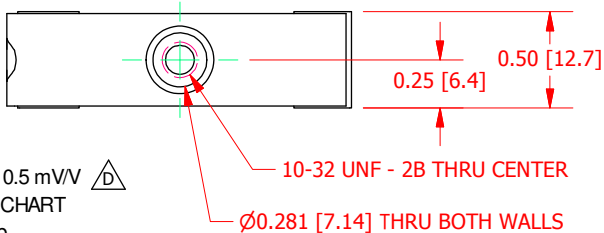
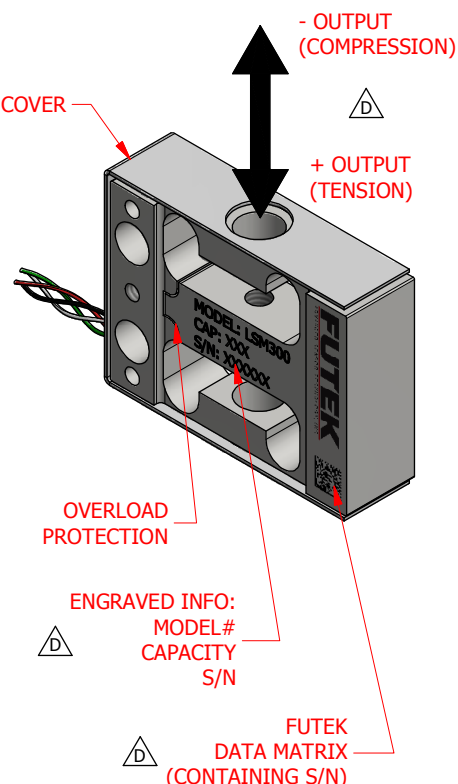
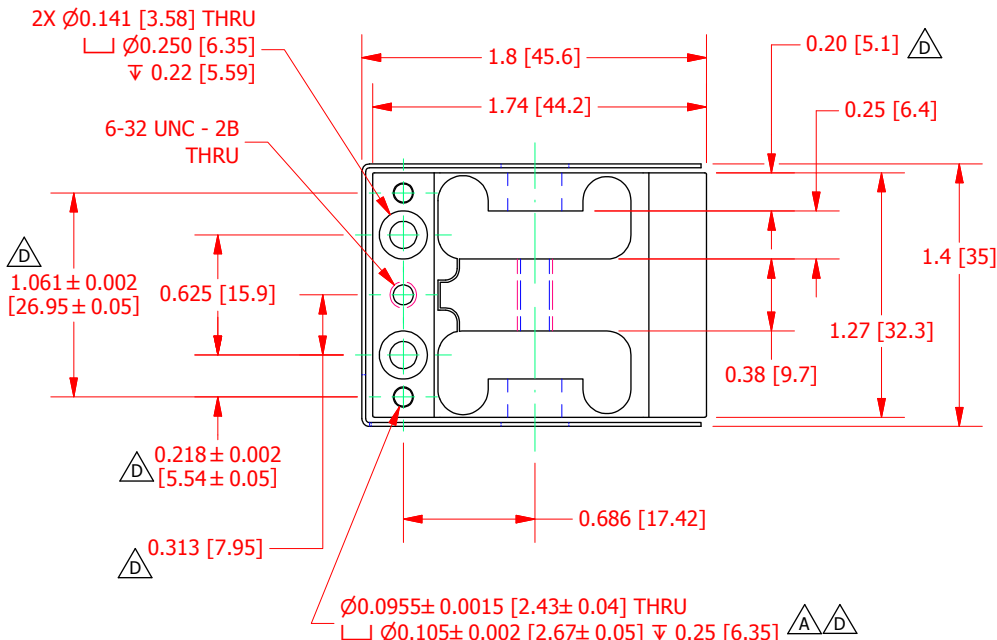


# FUTEK MODEL LSM300

# 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]
QSH01926	50	222
QSH01927	100	445



**SCIGATE AUTOMATION (S) PTE LTD**  
 No.1 Bukit Batok Street 22 #01-01 Singapore 659592  
 Tel: (65) 6561 0488 Fax: (65) 6562 0588  
 Email: sales@scigate.com.sg Web: www.scigate.com.sg  
 Business Hours: Monday - Friday 8.30am - 6.15pm

CUSTOMER APPROVAL- COMPANY:

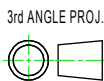
CUSTOMER APPROVAL- NAME / DATE:

REVISIONS: (Refer to dwg # revision sheet)

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

## OUTLINE DRAWING

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"

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  
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 Fax: (949) 465-0905

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