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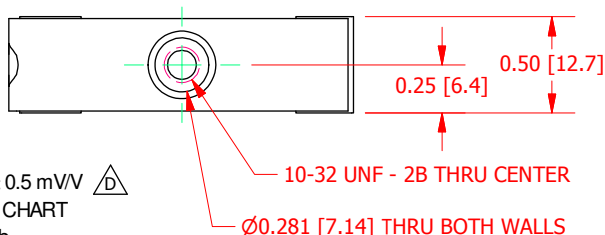
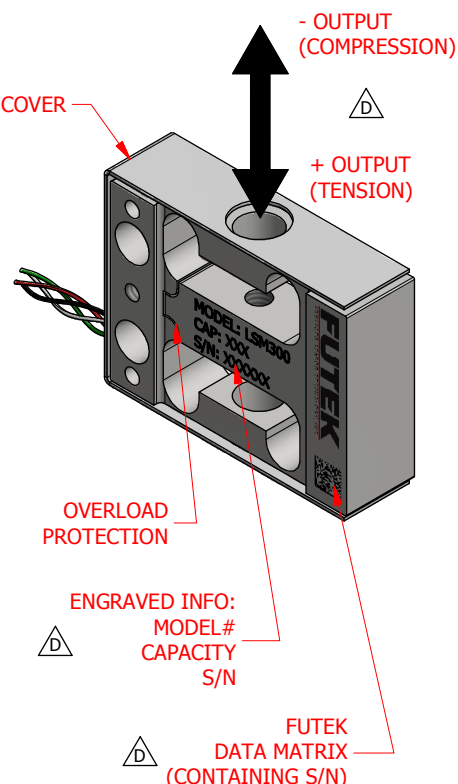
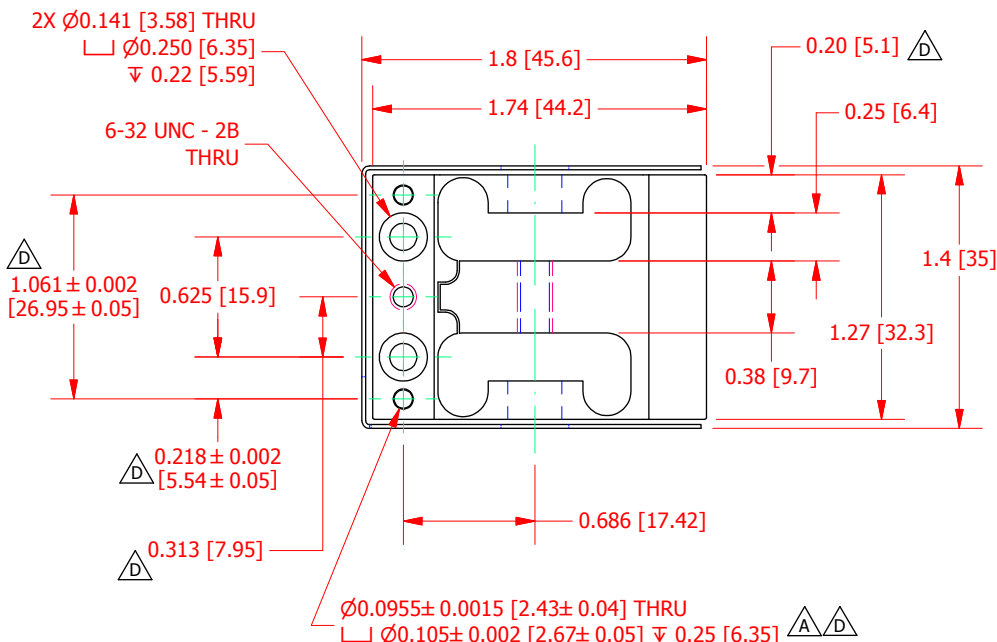
FUTEK MODEL LSM300

ITEM NUMBER: SEE CHART

PARALLELOGRAM LOAD CELL W/ OVERLOAD PROTECTION AND SPECIAL MOUNTING PROVISIONS



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



SPECIFICATIONS:

RATED OUTPUT	2.0 ± 0.5 mV/V
CAPACITY	SEE CHART
SAFE OVERLOAD	250 lb
ZERO BALANCE	$\pm 3\%$ of R.O.
EXCITATION (VDC OR VAC)	18 MAX
BRIDGE RESISTANCE	1000 Ω nom.
NONLINEARITY	$\pm 0.02\%$ of R.O.
HYSTERESIS	$\pm 0.02\%$ of R.O.
NONREPEATABILITY	$\pm 0.02\%$ of R.O.
CREEP	$\pm 0.025\%$ of LOAD
TEMP. SHIFT ZERO	$\pm 0.005\%$ of R.O./ $^{\circ}$ F (± 0.009 of R.O./ $^{\circ}$ C)
TEMP. SHIFT SPAN	$\pm 0.005\%$ of LOAD/ $^{\circ}$ F (± 0.009 of LOAD/ $^{\circ}$ C)
COMPENSATED TEMP.	60 to 160 $^{\circ}$ F (16 to 71 $^{\circ}$ C)
OPERATING TEMP	-60 to 200 $^{\circ}$ F (-51 to 93 $^{\circ}$ 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

	ITEM#	CAP. [lb]	CAP [N]
B	QSH01926	50	222
C	QSH01927	100	445

CUSTOMER APPROVAL- COMPANY:

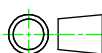
CUSTOMER APPROVAL- NAME / DATE:

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. \triangle
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
3rd ANGLE PROJ.



ANGLE:
 $\pm 1/2^{\circ}$

CHAMFER:
 $\pm 5^{\circ}$

TOLERANCE:
X $\pm 0.1^{\circ}$
XX $\pm 0.01^{\circ}$
XXX $\pm 0.005^{\circ}$

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MODEL: LSM300	DWG No.: FO1231-D
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