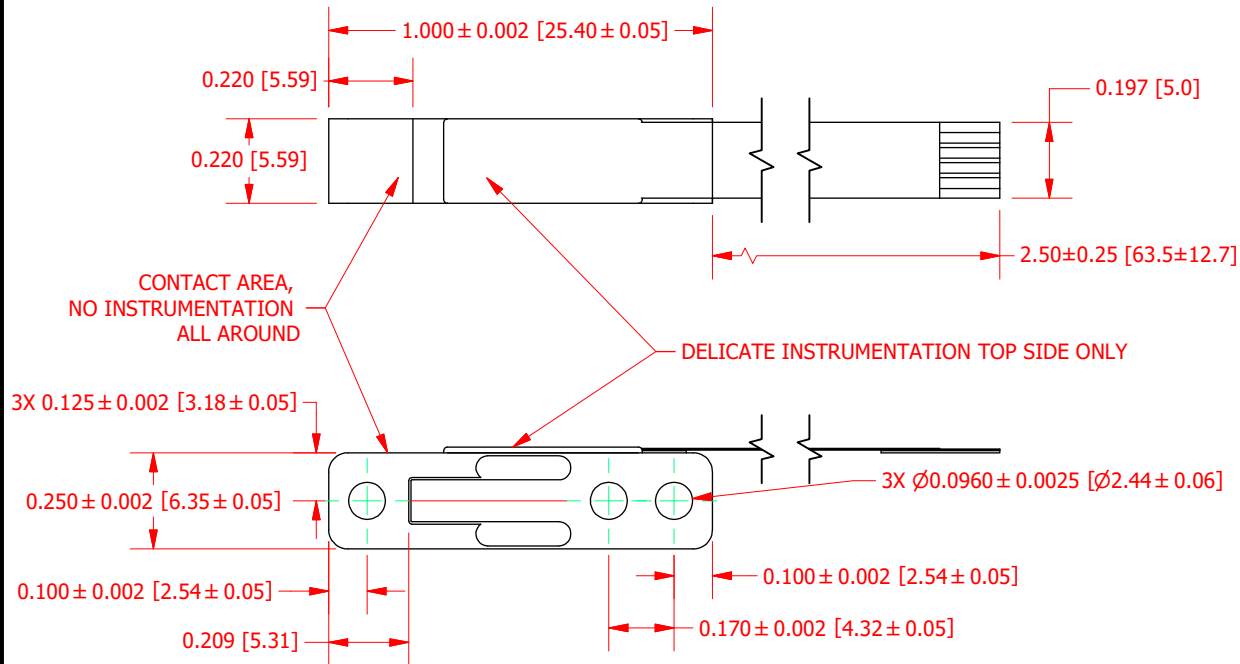
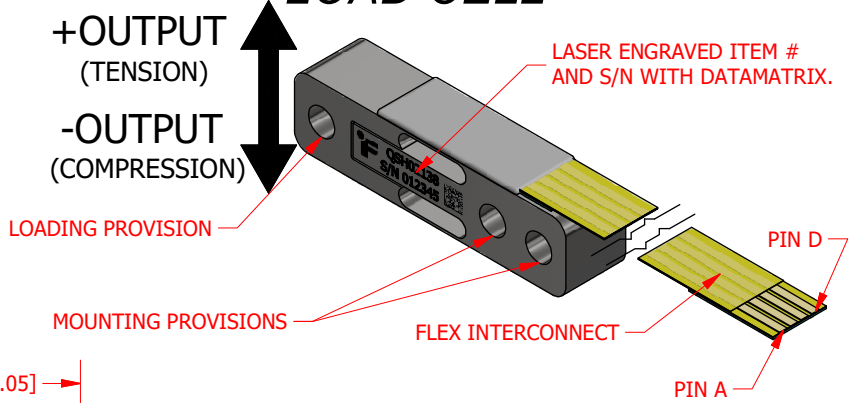


FUTEK MODEL LSM100

CUSTOM MICRO PARALLELOGRAM LOAD CELL

ITEM NUMBER: QSH02138

INCH [mm]		R.O.= Rated Output	
WIRING CODE			
+ Excitation	- Signal	-Excitation	+Signal
PIN A	PIN B	PIN C	PIN D



SPECIFICATIONS:

RATED OUTPUT	3 mV/V nom.
CAPACITY	450g
SAFE OVERLOAD	1000 % of R.O.
ZERO BALANCE	1.6 mV/V ±10%
EXCITATION (VDC OR VAC)	10 MAX
BRIDGE RESISTANCE	1000 Ω nom. Δ
NONLINEARITY	±0.05% of R.O.
HYSTERESIS	±0.05% of R.O.
NONREPEATABILITY	±0.05% of R.O.
TEMP. SHIFT ZERO	±0.01% of R.O./°F (±0.018 of R.O./°C)
TEMP. SHIFT SPAN	±0.01% of LOAD/°F (±0.018 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)	0.01 lb [2.3 g]
MATERIAL	2024-T4
DEFLECTION	0.003 [0.08] nom.

CABLE: 4 Pin, 1mm Pitch Flex, 2.5in long

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CUSTOMER APPROVAL- COMPANY:	
CUSTOMER APPROVAL- NAME / DATE:	
REVISIONS: (Refer to dwg # revision sheet)	
A	4/9/2021

OUTLINE DRAWING

STANDARD NOTES: (Unless Otherwise Specified)

ALL DIMENSIONS ARE IN INCHES
DRAWING INTERPRETATION DIMS. PER ASME-Y14.5
REMOVE BURRS AND BREAK SHARP EDGES .005 - .015

ANGLE: ± 1/2°
CHAMFER: ± 5°
TOLERANCE:
.X ± 0.1"
.XX ± 0.01"
.XXX ± 0.005"

3rd ANGLE PROJ.

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:

MODEL: LSM100	DWG No.: FO1533-A
DRAWN BY: M.LISIAK	CREATED DATE: 5/7/2020
APPROVED BY: S.VOSOUGH	APPROVED DATE: 3/31/2021
CHECKED BY:	CAGE: 1X8M6 SHEET: 1 OF 1

