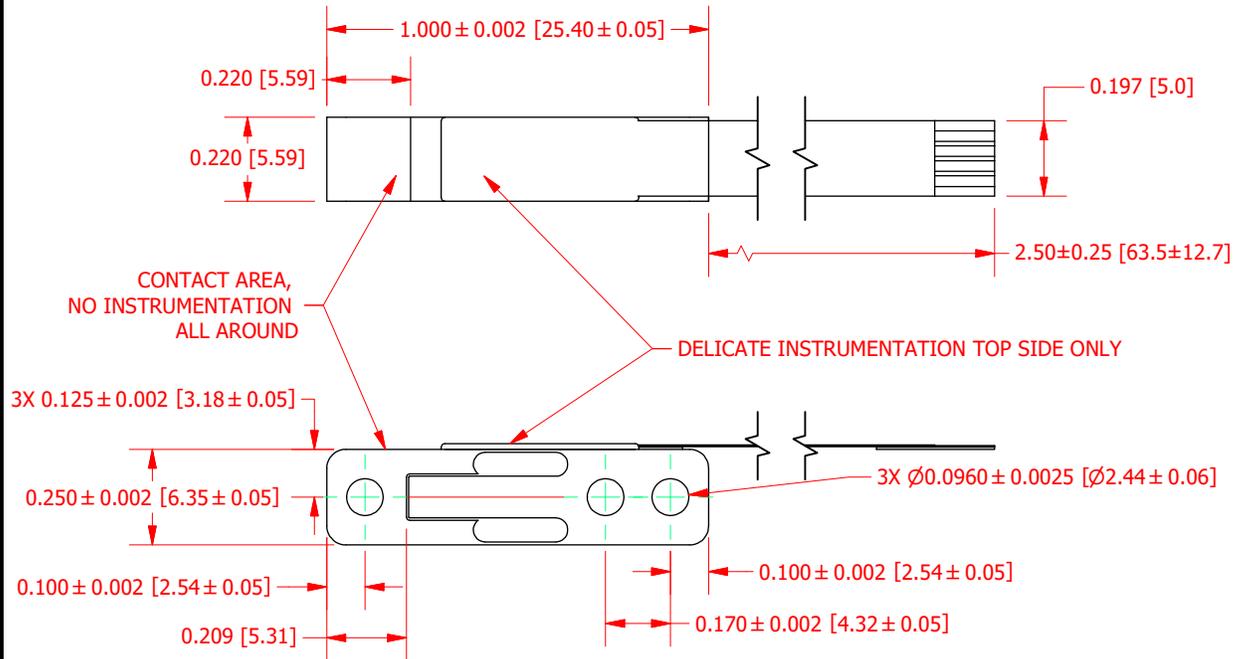
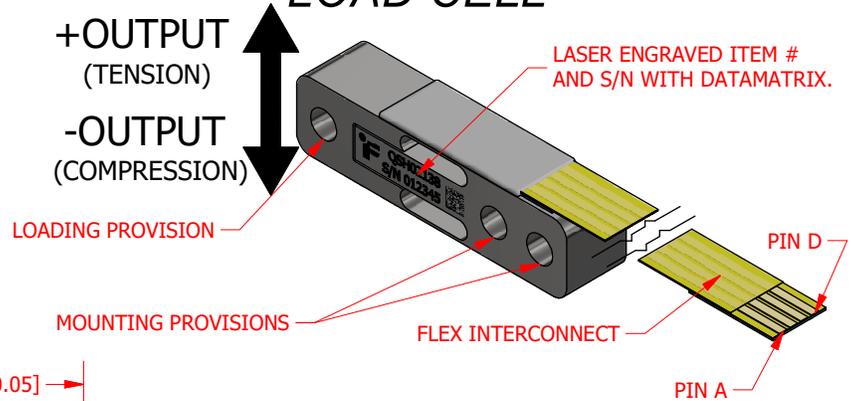


FUTEK MODEL LSM100

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	

CUSTOMER APPROVAL- COMPANY:

OUTLINE DRAWING

FUTEK

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CUSTOMER APPROVAL- NAME / DATE:

STANDARD NOTES: (Unless Otherwise Specified)

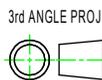
REVISIONS: (Refer to dwg # revision sheet)

ALL DIMENSIONS ARE IN INCHES
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"



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

A	4/9/2021
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