

FUTEK MODEL LSB205

ITEM NUMBER: QSH01984

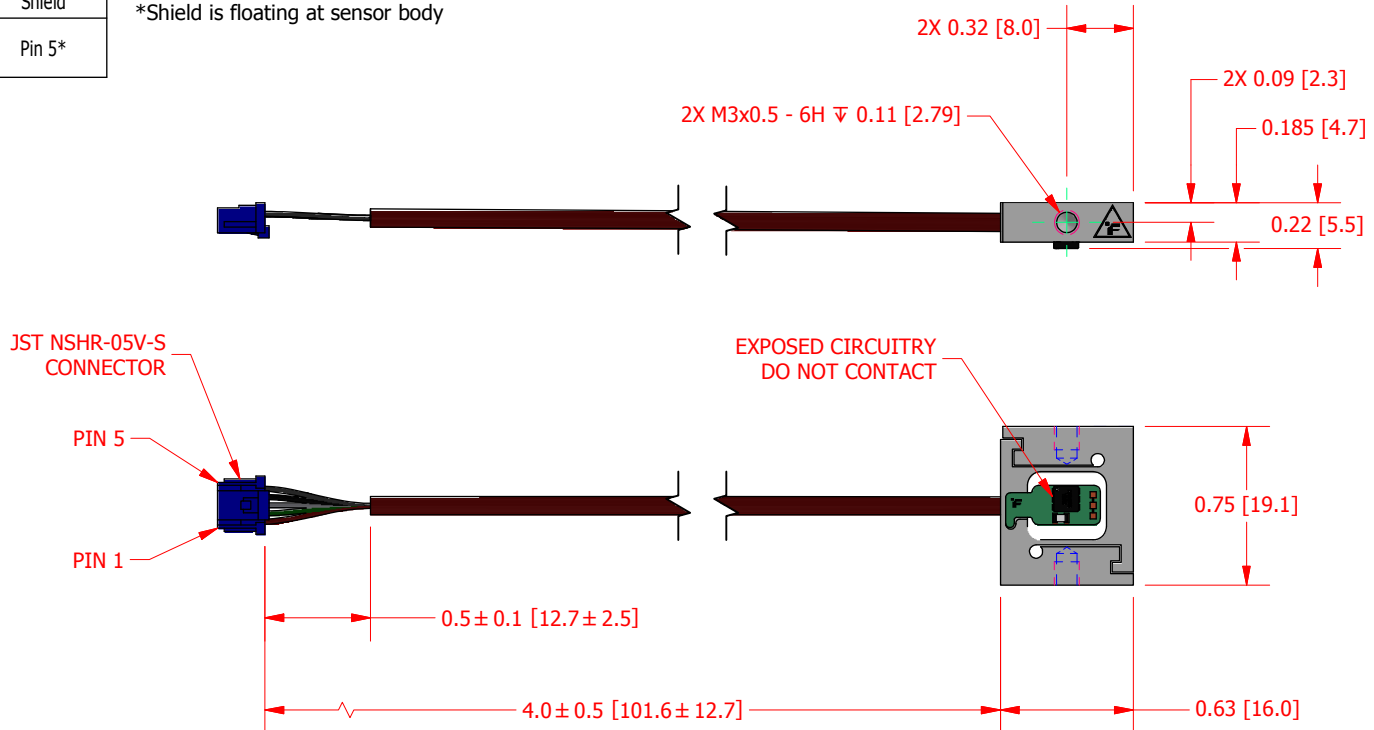
Custom LSB205 with 4" Silicone Cable
to JST Connector, No Cover

INCH [mm] | R.O.= Rated Output

WIRING CODE

+ Excitation	+Signal	-Signal	-Excitation
RED PIN 1	GREEN PIN 2	WHITE PIN 3	Black PIN 4

Shield	*Shield is floating at sensor body
Pin 5*	



SPECIFICATIONS:

RATED OUTPUT	2 mV/V nom.
CAPACITY	10 lb. [44.4N]
SAFE OVERLOAD	1000 % of R.O.
EXCITATION (VDC OR VAC)	10 VDC MAX
BRIDGE RESISTANCE	350 Ω nom.
NONLINEARITY	$\pm 0.1\%$ of R.O.
HYSTERESIS	$\pm 0.1\%$ of R.O.
NONREPEATABILITY	$\pm 0.05\%$ of R.O.
TEMP. SHIFT ZERO	$\pm 0.005\%$ of R.O./ $^{\circ}\text{F}$ (± 0.009 of R.O./ $^{\circ}\text{C}$)
TEMP. SHIFT SPAN	$\pm 0.005\%$ of LOAD/ $^{\circ}\text{F}$ (± 0.009 of LOAD/ $^{\circ}\text{C}$)
COMPENSATED TEMP.	60 to 160 $^{\circ}\text{F}$ (16 to 71 $^{\circ}\text{C}$)
OPERATING TEMP	-60 to 200 $^{\circ}\text{F}$ (-51 to 93 $^{\circ}\text{C}$)
MATERIAL	17-4 PH Stainless Steel
CABLE: 4" Long Silicone Cable with JST NSHR-05V-S Connector	
RoHS 2011/65/EU Compliant	
IPC620 Class 2 Compliant	



SCIGATE AUTOMATION (S) PTE LTD

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CUSTOMER APPROVAL- COMPANY:

CUSTOMER APPROVAL- NAME / DATE:

REVISIONS: (Refer to dwg # revision sheet)

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

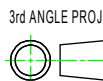
THREADS PER HANDBOOK H-28

DIMENSIONS ARE SHOWN AFTER PLATING

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: **LSB205**

DWG No.: **FO1461**

DRAWN BY: S. MICHEL

CREATED DATE: 5/2/2018

APPROVED BY: R. WALKER

APPROVED DATE: 5/3/2018

CHECKED BY:

CAGE: 1X8M6 SHEET: 1 OF 1