

FUTEK MODEL LSB201 JR S-BEAM LOAD CELL W/ 5 PIN MOLEX CONNECTOR

ITEM NUMBER: QSH02051

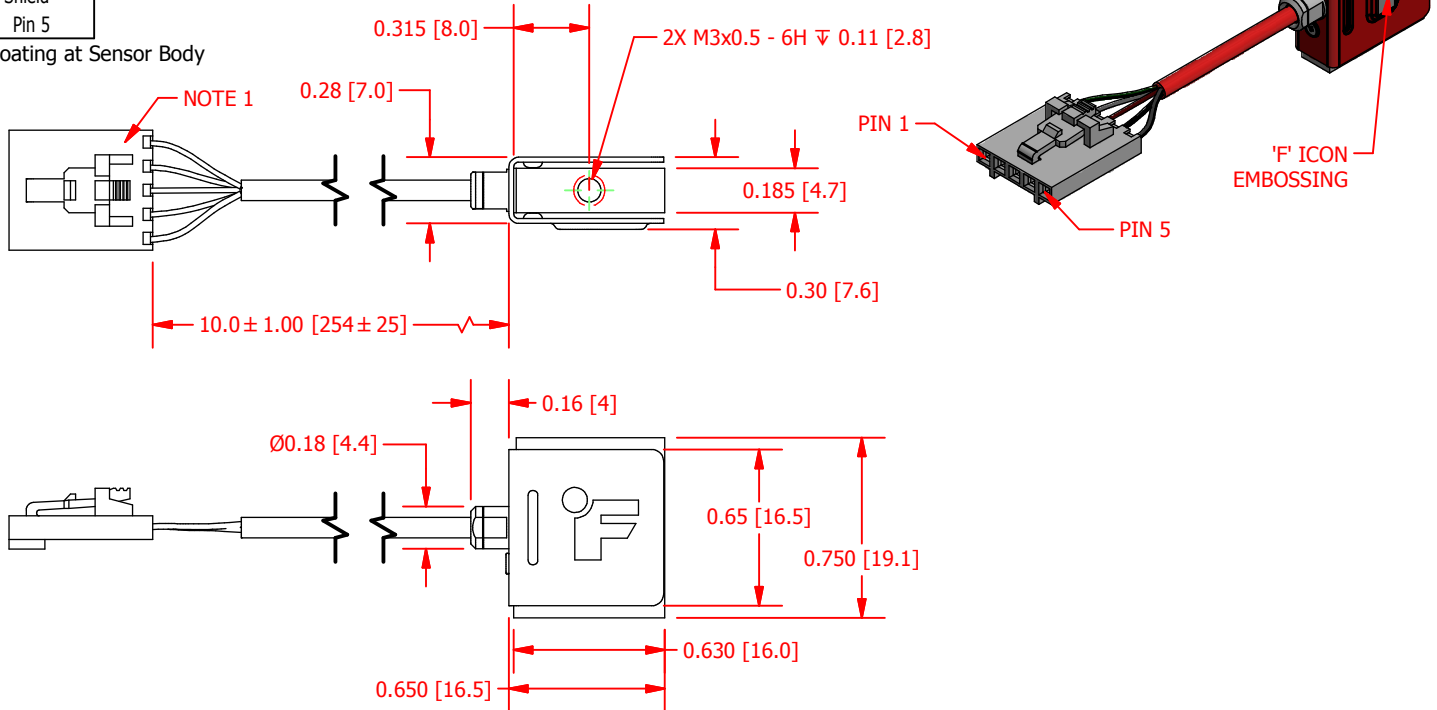


INCH [mm] | R.O.= Rated Output

WIRING CODE			
+ Excitation	- Excitation	+ Signal	- Signal
RED PIN 3	BLACK PIN 4	GREEN PIN 1	WHITE PIN 2

Shield*
Pin 5

*Floating at Sensor Body



SPECIFICATIONS:

RATED OUTPUT	2 mV/V nom.
CAPACITY	50 lb [222 kN]
SAFE OVERLOAD	1000% of R.O.
ZERO BALANCE	±3% of R.O.
EXCITATION (VDC OR VAC)	10 MAX
BRIDGE RESISTANCE	350 Ω nom
NONLINEARITY	±0.1% of R.O.
HYSTERESIS	±0.1% 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 (15 to 72 °C)
OPERATING TEMP	-60 to 200°F (-50 to -93 °C)
WEIGHT (approx)	0.5 oz [14 g]
MATERIAL	17-4ph S.S. Flexure, Anodized Aluminum (Cover)
CABLE: #29 AWG, 4 Conductor Spiral Shielded Silicone Cable, 10" Long with 5 pin Molex (0050579405), Soldered Gold Pins (70058)	
RoHS Lead Free	YES
ISO 013485	YES
CE COMPLIANCE	EN55011:2009, EN 61326-1:2006

NOTES:

1. SOLDER IS APPLIED TO CONDUCTOR & CRIMP FOR REINFORCEMENT AND STRENGTH.

CUSTOMER APPROVAL- COMPANY:

CUSTOMER APPROVAL- NAME / DATE:

REVISIONS: (Refer to dwg # revision sheet)

OUTLINE DRAWING

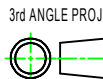
STANDARD NOTES: (Unless Otherwise Specified)

ALL DIMENSIONS ARE IN INCHES
DRAWING INTERPRETATION DIMS. PER ASME-Y14.5M
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"



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MODEL: LSB201	DWG No.: FO1493
DRAWN BY: M. Lisiak	CREATED DATE: 11/15/2018
APPROVED BY: R. Walker	APPROVED DATE: 11/21/2018
CHECKED BY:	CAGE: 1X8M6 SHEET: 1 OF 1