

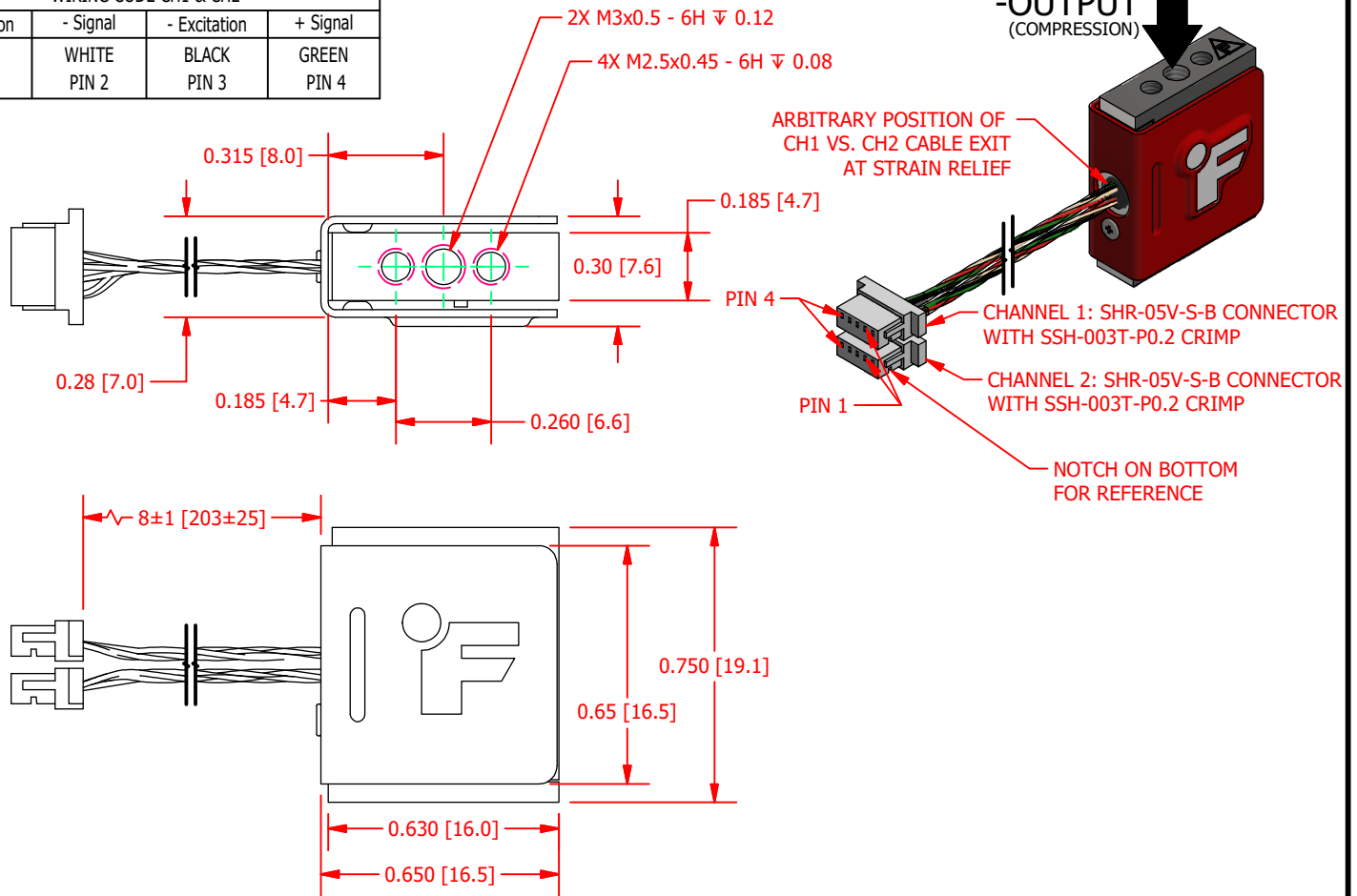
# FUTEK MODEL LSB201

# CUSTOM DUAL BRIDGE JR S-BEAM LOAD CELL

ITEM NUMBER: QSH02061

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

WIRING CODE CH1 & CH2			
+ Excitation	- Signal	- Excitation	+ Signal
RED PIN 1	WHITE PIN 2	BLACK PIN 3	GREEN PIN 4



## SPECIFICATIONS:

RATED OUTPUT	1 mV/V nom.
CAPACITY	CH1: 50N, CH2: 50N
SAFE OVERLOAD	800N
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 Teflon Cable, 8" Long with 5 pin SHR-05V-S-B Connector	

# PRELIMINARY DRAWING

**SCIENCE  
GATE**  
Your Automation Partner



**SCIGATE AUTOMATION (S) PTE LTD**

No.1 Bukit Batok Street 22 #01-01 Singapore 659592  
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Email: sales@scigate.com.sg Web: www.scigate.com.sg

Business Hours: Monday - Friday 8.30am - 6.15pm

CUSTOMER APPROVAL- COMPANY:

CUSTOMER APPROVAL- NAME / DATE:

REVISIONS: (Refer to dwg # revision sheet)

## OUTLINE DRAWING

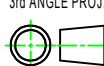
STANDARD NOTES: (Unless Otherwise Specified)

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.: **FO1498**

DRAWN BY: M. Lisiak CREATED DATE: 4/2/2019

APPROVED BY: APPROVED DATE:

CHECKED BY: CAGE: 1X8M6 SHEET: 1 OF 1