

# FUTEK MODEL LLB130

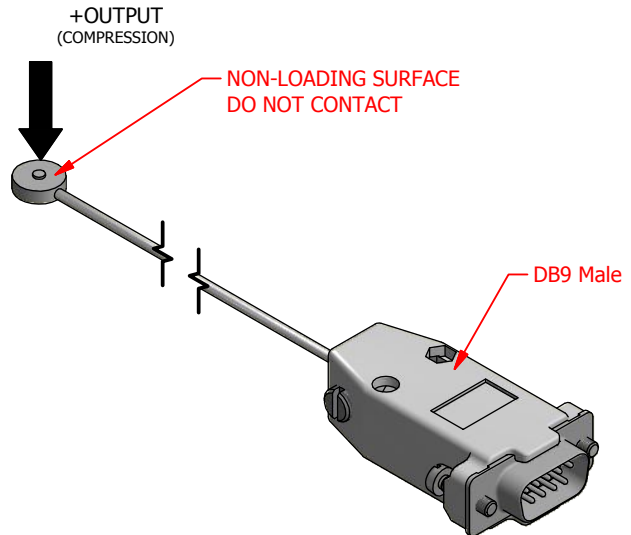
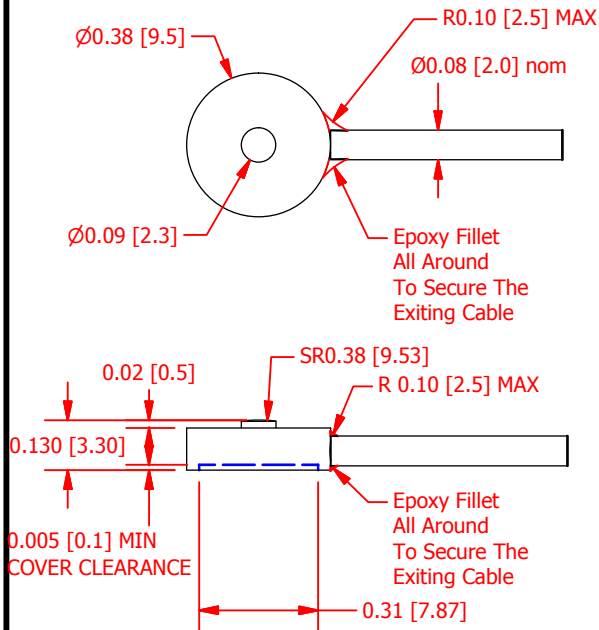
ITEM NUMBER: QSH01755

## SUBMINIATURE LOAD BUTTON w/ TEDS (IEEE1451.4) RECOGNITION AND DB9 MALE

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

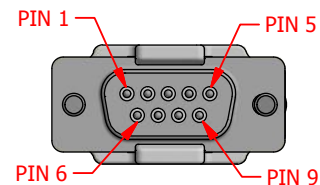
WIRING CODE (CC15)

+ Excitation	- Excitation	+ Signal	- Signal	
PIN 2	PIN 7	PIN 1	PIN 6	
Shield	TEDS DATA	TEDS GND	+ Sense	-Sense
FLOATING	PIN 5	PIN 9	PIN 4	PIN 8



### SPECIFICATIONS

RATED OUTPUT	1.0 mV/V Nom.
CAPACITY	5 lb [22.2 N]
SAFE OVERLOAD	150% of R.O.
ZERO BALANCE	±10 % of R.O.
EXCITATION (VDC OR VAC)	10 MAX
BRIDGE RESISTANCE	350 Ω nom
NONLINEARITY	±0.5% of R.O.
HYSTERESIS	±0.5% of R.O.
NONREPEATABILITY	±0.5% of R.O.
TEMP. SHIFT ZERO	±0.02% of R.O./°F (±0.036 of R.O./°C)
TEMP. SHIFT SPAN	±0.02% of LOAD/°F (±0.036 of LOAD/°C)
COMPENSATED TEMP.	60 to 90 °F (16 to 32 °C)
OPERATING TEMP	-40 to 185 °F (-40 to 85 °C)
WEIGHT (approx)	0.1 lb
MATERIAL	17-4 PH S.S
CABLE	Braided Shielded Cable, 3 ft Long
CONNECTOR	DB9 MALE



DB9 FRONT SIDE VIEW  
SEE WIRING CODE TABLE FOR PIN OUTS

**SCIENCE GATE**  
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**SCIGATE AUTOMATION (S) PTE LTD**  
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CUSTOMER APPROVAL- COMPANY:

CUSTOMER APPROVAL- NAME / DATE:

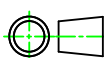
REVISIONS: (Refer to dwg # revision sheet)

### OUTLINE DRAWING

STANDARD NOTES: (Unless Otherwise Specified)

ALL DIMENSIONS ARE IN INCHES  
DRAWING INTERPRETATION DIMS. PER ASME-Y14.5M  
REMOVE BURRS AND BREAK SHARP EDGES .005 - .015  
THREADS PER HANDBOOK H-28  
DIMENSIONS ARE SHOWN AFTER PLATING

3rd ANGLE PROJ.



ANGLE:  
± 1/2°

CHAMFER:  
± 5°

TOLERANCE:  
.X ± 0.1"  
.XX ± 0.01"  
.XXX ± 0.005"

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MODEL: <b>LLB130</b>	DWG No.: <b>FO1373</b>
DRAWN BY: E. Pano	CREATED DATE: 6/12/2014
APPROVED BY: J. Vargus	APPROVED DATE: 7/9/2014
CHECKED BY:	CAGE: 1X8M6 SHEET: 1 OF 1