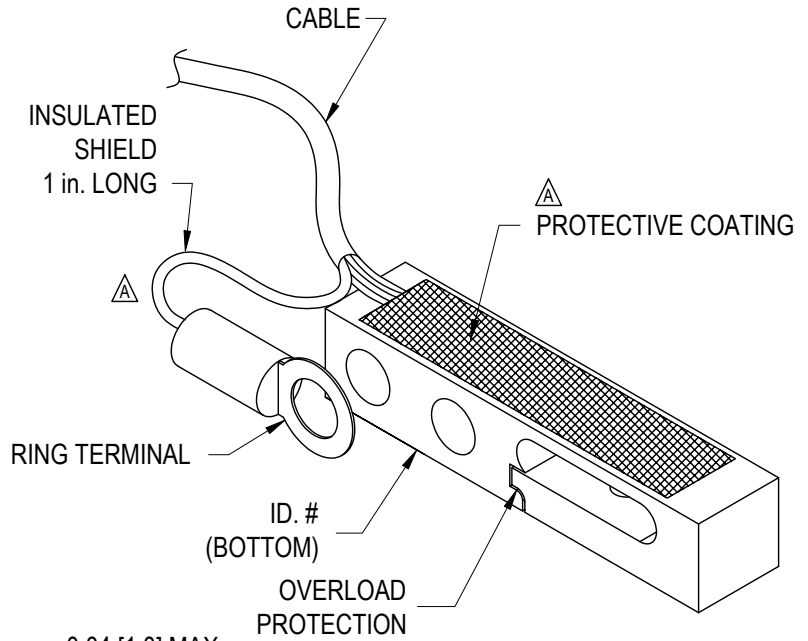
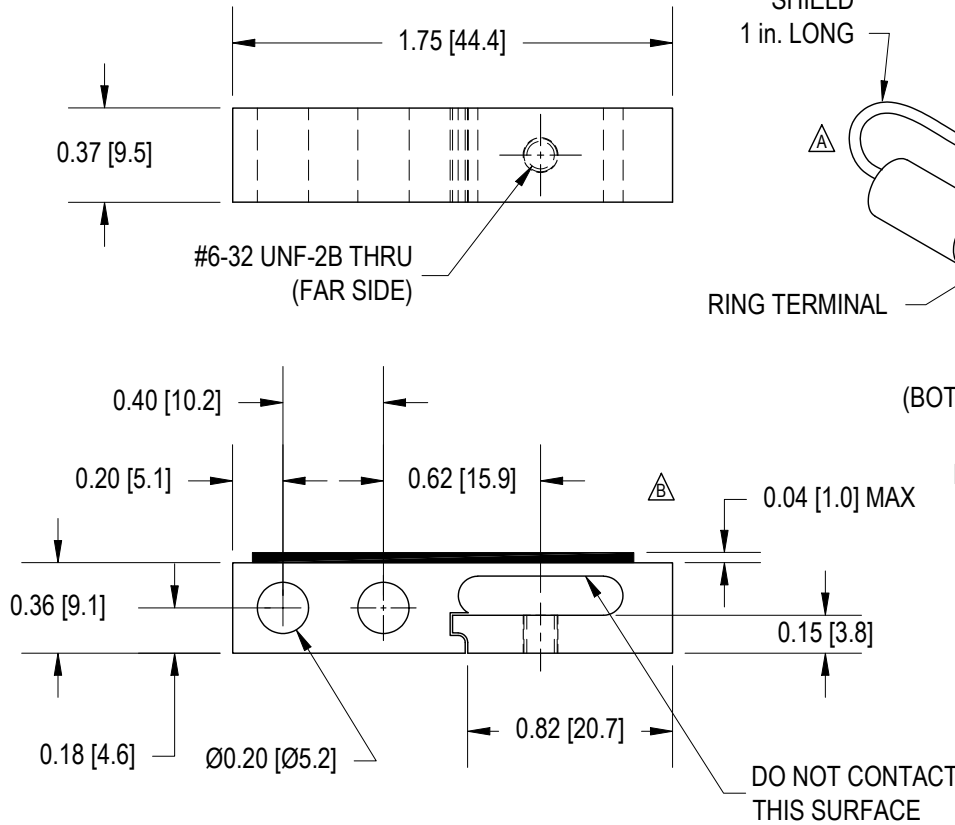


FUTEK MODEL QLA248
STOCK NUMBER: QSH00645

FOLD BACK BENDING BEAM W/ OVERLOAD PROTECTION IN BOTH DIRECTIONS

INCH [mm]		R.O.= Rated Output	
WIRING CODE (WC1)			
+Excitation	-Excitation	+Signal	-Signal
RED	BLACK	GREEN	WHITE
Shield			
RING TERMINAL			



-OUTPUT
(COMPRESSION) ↑↓
+OUTPUT
(TENSION)

SPECIFICATIONS:

RATED OUTPUT	2.3 mV/V nom.
CAPACITY	10 lb [44.5 N]
SAFE OVERLOAD	1000% of R.O.
ZERO BALANCE	±1% of R.O.
EXCITATION (VDC OR VAC)	18 MAX
BRIDGE RESISTANCE	1000 Ω nom.
NONLINEARITY	±0.2% of R.O.
HYSTERESIS	±0.2% of R.O.
NONREPEATABILITY	±0.1% of R.O.
TEMP. SHIFT ZERO	±0.03% of R.O./°F [0.05% of R.O./°C]
TEMP. SHIFT SPAN	±0.03% of LOAD/°F [0.05% of LOAD/°C]
COMPENSATED TEMP.	60 to 160°F [15 to 72°C]
OPERATING TEMP.	-60 to 200 °F [-50 to 93 °C]
WEIGHT	3 oz [85 g]
MATERIAL	ALUMINUM
DEFLECTION	0.01 [0.25] nom.
CABLE:	#29 AWG, 4 Conductor, Spiral Shielded, Black Silicone Cable, 12 in. Long.
CALIBRATION (AVAILABLE)	5 pt TENSION; 150K Ω SHUNT CAL. VALUE
CALIBRATION TEST EXCITATION	10 VDC



SCIGATE AUTOMATION (S) PTE LTD
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 Tel: (65) 6561 0488 Fax: (65) 6562 0588
 Email: sales@scigate.com.sg Web: www.scigate.com.sg
 Business Hours: Monday - Friday 8.30am - 6.15pm

MATERIAL:

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HEAT TREATMENT - FINISH:

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REVISIONS: (Refer to dwg # revision sheet)

- 10-24-05
- 12-22-05

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

3rd ANGLE PROJ.



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FUTEK
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CAGE: 1X8M6

MODEL: **QLA248**

DWG No.: **FO1112**

DRAWN BY: H. AU

CHECKED BY: J. MOKHBERY

APPROVED BY: J. VARGAS

DATE: **OCT, 19, 2005**