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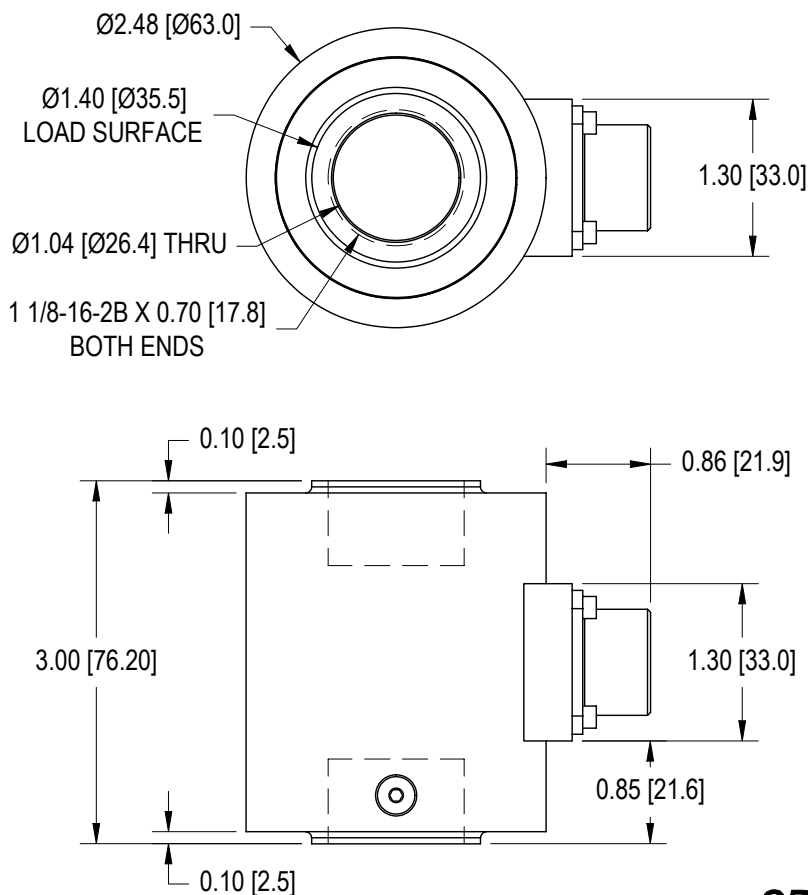
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FUTEK MODEL QLA249

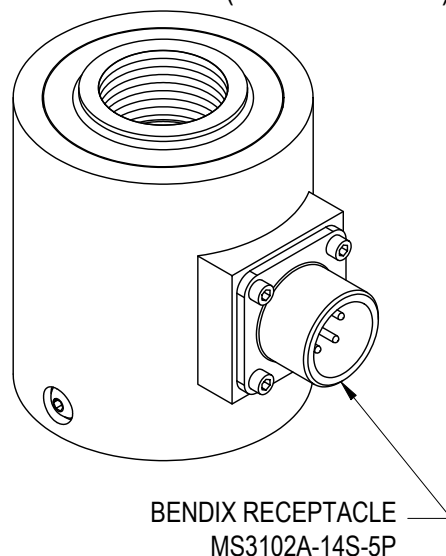
STOCK NUMBER: SEE CHART

Custom Thru Hole Load Cell

INCH (mm)		R.O.= Rated Output	
WIRING CODE			
+Excitation	-Excitation	+Signal	-Signal
PIN A	PIN B	PIN C	PIN D
N/C			
PIN E			



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



STK #	lb
QSH00638	2000
QSH00658	5000
QSH00661	10000

SPECIFICATIONS:

RATED OUTPUT	3 mV/V nom.
ZERO BALANCE	±1% of R.O.
EXCITATION	18 VDC MAX
BRIDGE RESISTANCE	350 Ω nom.
NONLINEARITY	±0.5% of R.O.
HYSTERESIS	±0.5% of R.O.
TEMP. SHIFT ZERO	±0.02% of R.O./°F (0.04% of R.O./°C)
TEMP. SHIFT SPAN	±0.02% of LOAD/°F (0.04% of LOAD/°C)
COMPENSATED TEMP.	60 to 160°F (15 to 72°C)
OPERATING TEMP.	-60 to 200°F (-50 to 93°C)
WEIGHT	0.5 lb
MATERIAL	ALUMINUM
CONNECTOR:	5 Pin Bendix Receptacle MS3102A-14S-5P

MATERIAL:

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HEAT TREATMENT - FINISH:

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REVISIONS: (Refer to dwg # revision sheet)

1-03-07

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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CAGE: 1X8M6

MODEL: QLA249

DRAWN BY: H. AU

APPROVED BY: J. VARGAS

DWG No.: FO1111

CHECKED BY: -

DATE: OCT. 13, 2005