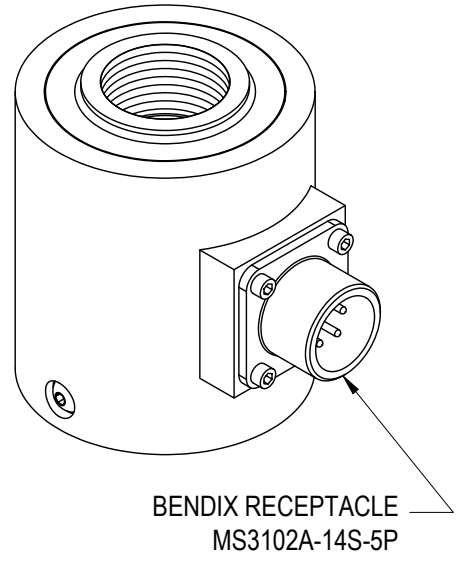
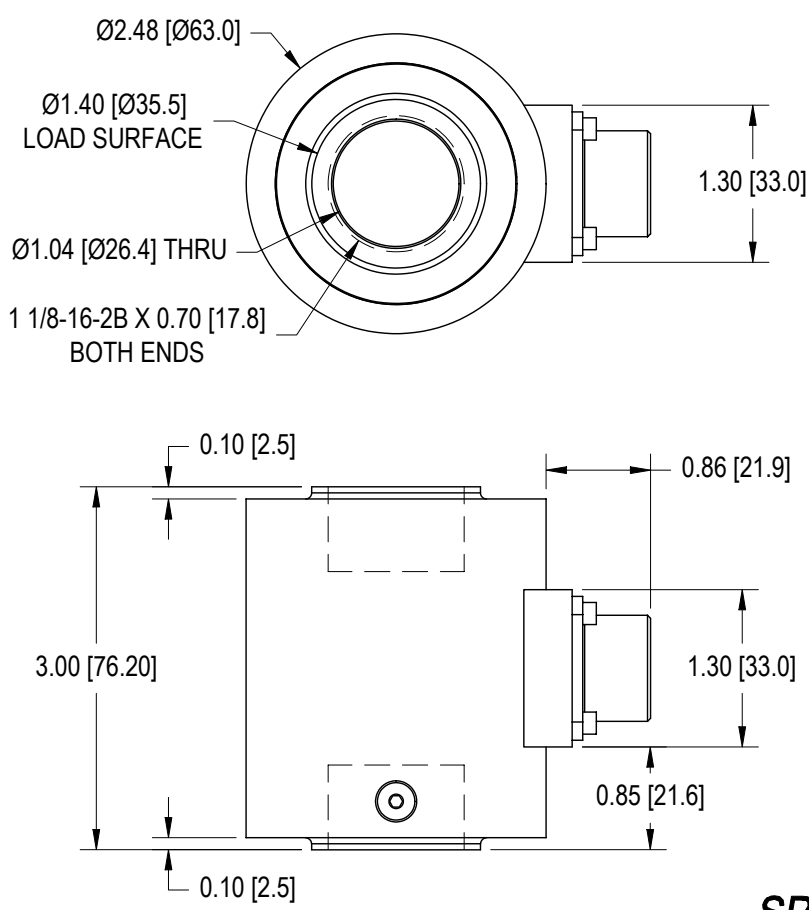
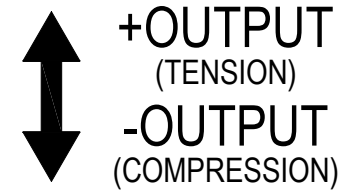


# FUTEK MODEL QLA249

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			



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	

**DSPM Industria\***  
sensori & trasduttori

Via Paolo Uccello 4 - 20148 Milano  
Tel +39 02 48 009 757 Fax +39 02 48 002 070  
info@dspmindustria.it www.dspmindustria.it

MATERIAL:	—
HEAT TREATMENT - FINISH:	—

## 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**  
ADVANCED SENSOR TECHNOLOGY, INC.

CAGE: 1X8M6	
MODEL: <b>QLA249</b>	DWG No.: <b>FO1111</b>
DRAWN BY: H. AU	CHECKED BY: -
APPROVED BY: J. VARGAS	DATE: <b>OCT. 13, 2005</b>

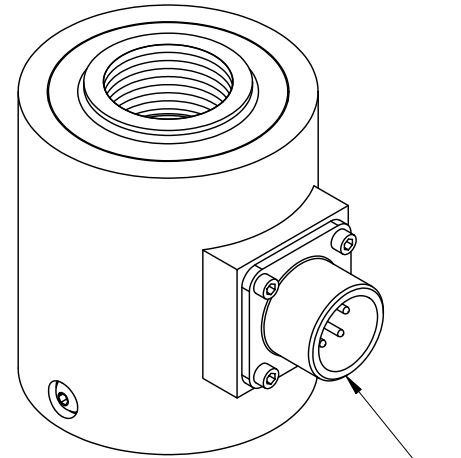
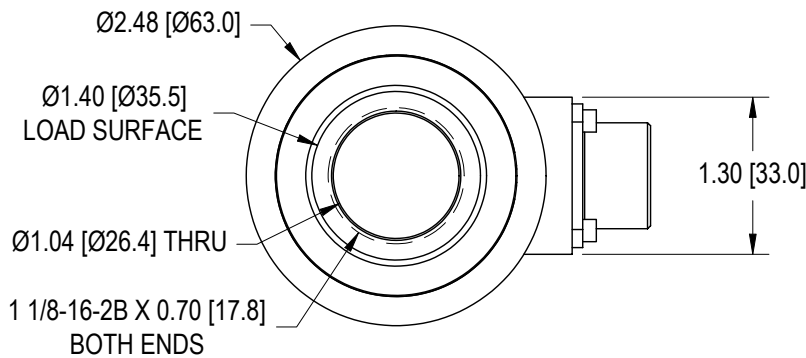
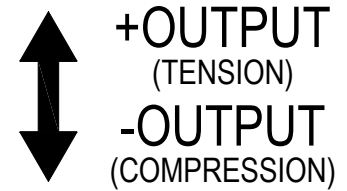
REVISIONS: (Refer to dwg # revision sheet)  
▲ 1-03-07

# FUTEK MODEL QLA249

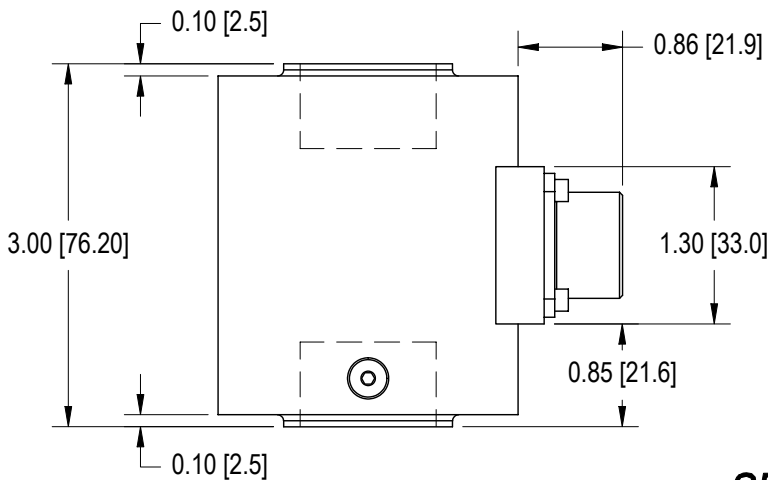
STOCK NUMBER: SEE CHART

# 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			



BENDIX RECEPTACLE  
MS3102A-14S-5P



STK #	lb
QSH00638	2000
QSH00658	5000
QSH00661	10000

## SPECIFICATIONS:

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COMPENSATED TEMP.	60 to 160°F (15 to 72°C)
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WEIGHT	0.5 lb
MATERIAL	ALUMINUM
CONNECTOR:	5 Pin Bendix Receptacle MS3102A-14S-5P

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MATERIAL:

—

HEAT TREATMENT - FINISH:

—

REVISIONS: (Refer to dwg # revision sheet)  
1-03-07

## OUTLINE DRAWING

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- 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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DRAWN BY: H. AU

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