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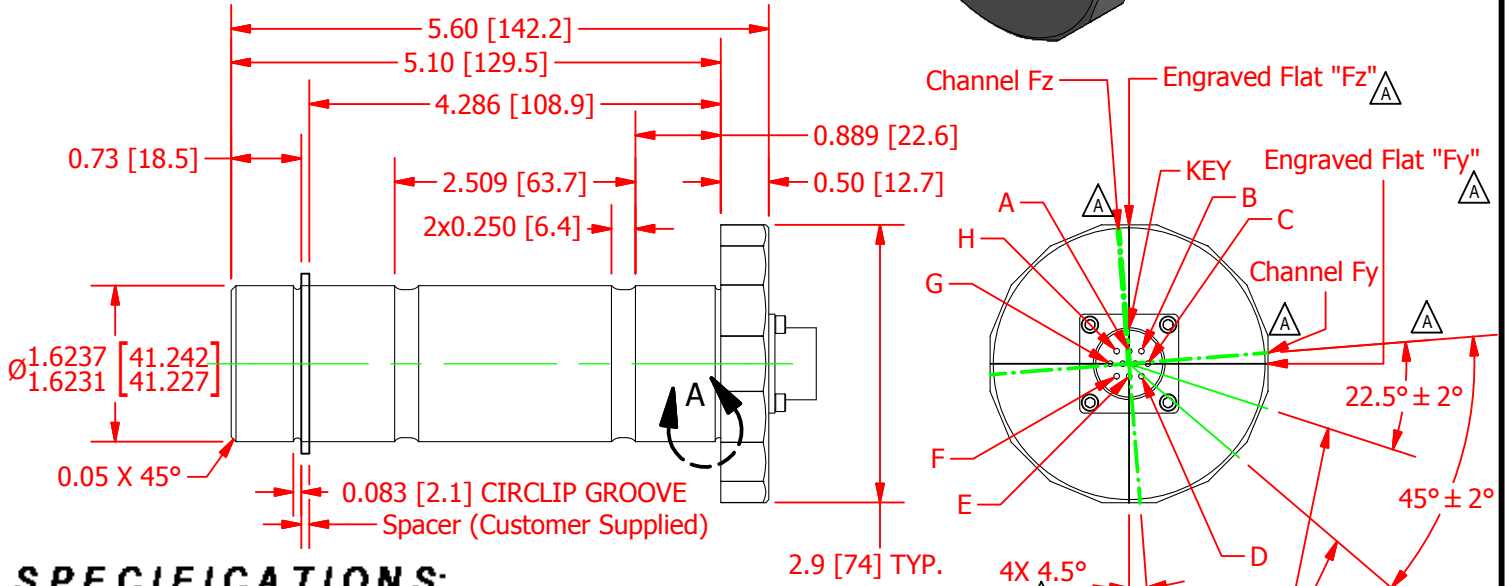
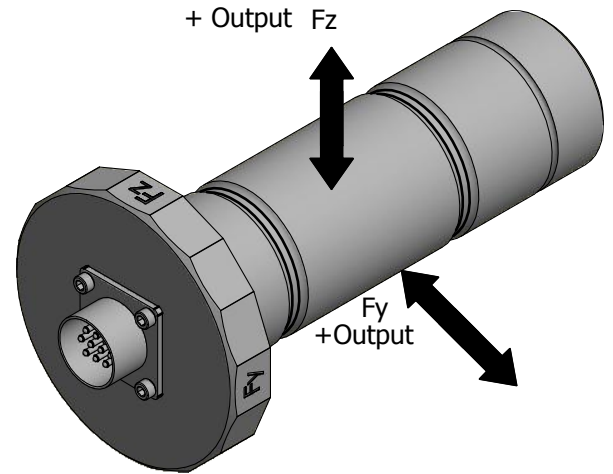
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# FUTEK MODEL QMA136

## Custom 2 Axis Shear Pin Load Cell

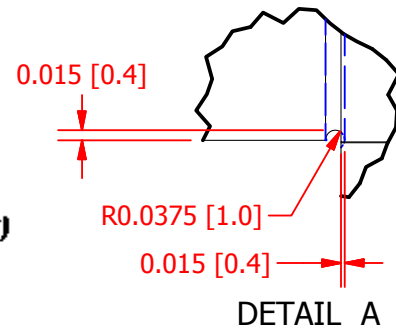
ITEM NUMBER: QSH01666

INCH [mm]		R.O.= Rated Output	
WIRING CODE (Channel Fz)			
+Excitation	-Excitation	+Signal	-Signal
PIN A	PIN B	PIN C	PIN D
WIRING CODE (Channel Fy)			
+Excitation	-Excitation	+Signal	-Signal
PIN E	PIN F	PIN G	PIN H



### SPECIFICATIONS:

<b>RATED OUTPUT CAPACITY</b>	4 mV/V nom. Fy; 3.5 mV/V nom. Fz
<b>ULTIMATE OVERLOAD EXCITATION (VDC OR VAC)</b>	71 kdb [15.8 kN] Fy; 63 kdb [280.2 kN] Fz
<b>BRIDGE RESISTANCE</b>	Fy: 150% of R.O.; Fz: 150% of R.O.
<b>NONLINEARITY</b>	15 MAX
<b>HYSTERESIS</b>	350 Ω nom
<b>NONREPEATABILITY</b>	±2% of R.O.
<b>CROSS TALK</b>	±2% of R.O.
<b>TEMP. SHIFT ZERO</b>	±0.5% of R.O.
<b>TEMP. SHIFT SPAN</b>	4% of R.O.
<b>COMPENSATED TEMP.</b>	±0.01% of R.O./F (±0.018 of R.O./C)
<b>OPERATING TEMP</b>	±0.02% of LOAD/F (±0.036 of LOAD/C)
<b>WEIGHT (approx)</b>	60 to 160 °F (16 to 71 °C)
<b>MATERIAL</b>	60 to 200 °F (16 to 93 °C)
<b>CONNECTOR: PC02E-12-10P</b>	3.5 lb
	Steel; Nickel Plated



CUSTOMER APPROVAL- COMPANY:

## OUTLINE DRAWING

# FUTEK

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CUSTOMER APPROVAL- NAME / DATE:

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

MODEL: **QMA136**

DWG No.: **FO1346-A**

DRAWN BY: **KL B**

CREATED DATE: 4/9/2013

APPROVED BY: **A. Mehran**

APPROVED DATE: 4/11/2013

CHECKED BY:

CAGE: 1X8M6 SHEET: 1 OF 1

REVISIONS: (Refer to dwg # revision sheet)

A	6-14-13
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ANGLE: ± 1/2°

CHAMFER: ± 5°

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

3rd ANGLE PROJ.

