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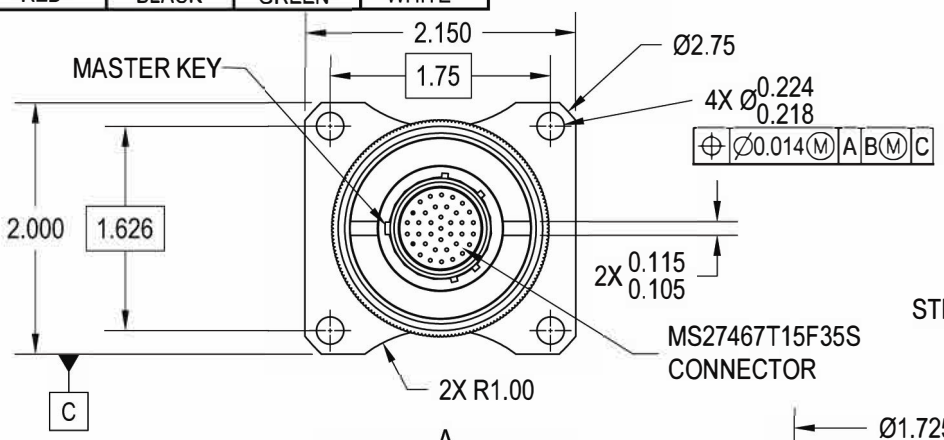
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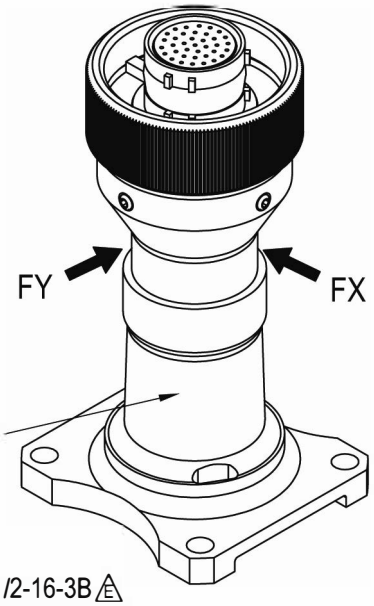
FUTEK MODEL QMA111

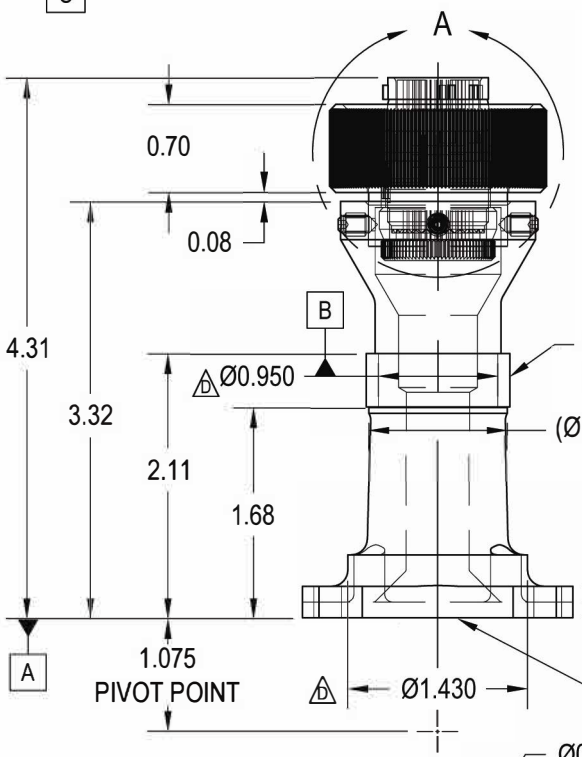
TRIPLE REDUNDANT STICK SENSOR

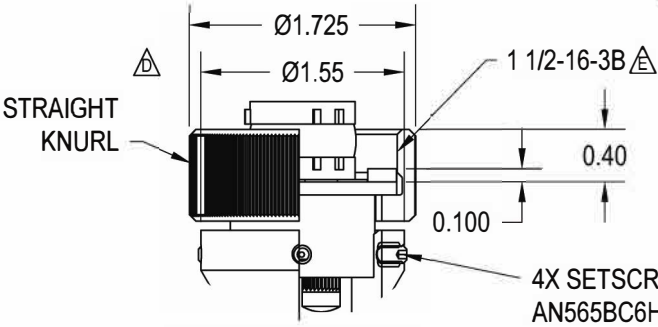
STOCK NUMBER: QSH00849

INCH (mm)	R.O.= Rated Output		
WIRING CODE			
+Excitation	-Excitation	+Signal	-Signal
RED	BLACK	GREEN	WHITE

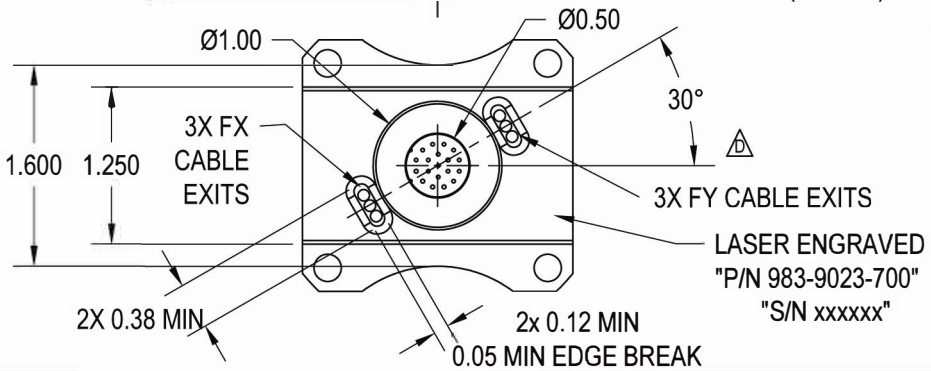








BREAKOUT VIEW A



SPECIFICATIONS:

D	*RATED OUTPUT (FX & FY)*	*1.5 mV/V nom.*
D E	*CAPACITY*	*150 lbs @ 8.5" Above Pivot Point*
	ULTIMATE OVERLOAD	*300 lb*
	ZERO BALANCE	*±3% of R.O.*
	EXCITATION (VDC OR VAC)	*15 MAX*
	BRIDGE RESISTANCE	*350 Ω nom*
	NONLINEARITY	*±0.5% of R.O.*
	NONREPEATABILITY	*±0.1% of R.O.*
	OPERATING TEMP.	*-60 to 200°F*
	SENSOR MATERIAL	*ANODIZED 7075 ALUMINUM*

SENSOR CABLE: 29 Awg, 4 Conductor Spiral Shielded Silicone Cable, 18" Long

NOTES:

1) PROTOTYPE UNITS WILL BE SUPPLIED WITH COMMON COLORED CONDUCTORS AND INDIVIDUALLY TAGGED INDICATING PIN CODE.

MATERIAL: —

HEAT TREATMENT - FINISH: —

REVISIONS: (Refer to dwg # revision sheet)
- A 3-19-07
- B 4-4-07
- C 4-23-07
- D 5-7-07
- E 7-30-07

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°
3rd ANGLE PROJ.
TOLERANCE: .X ±0.1 .XX ±0.03 .XXX ±0.010

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CAGE: 1X8M6

MODEL: QMA111	DWG No.: FO1159
DRAWN BY: R. WALKER	CHECKED BY: H. AU
APPROVED BY: —	DATE: Nov 29, 2006