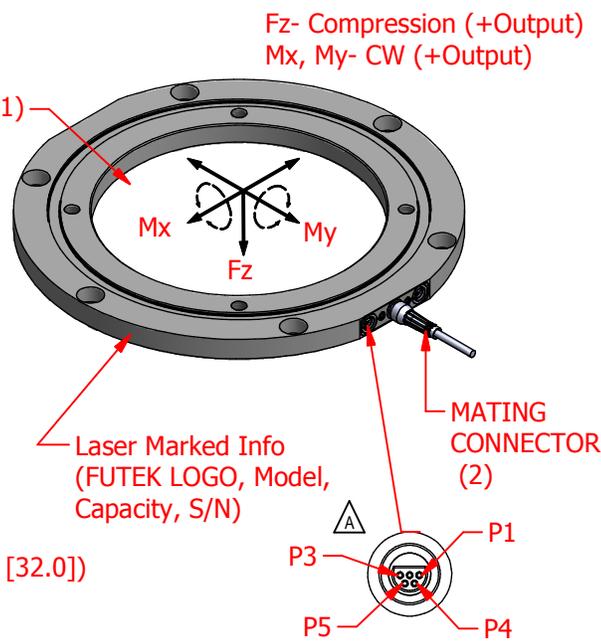
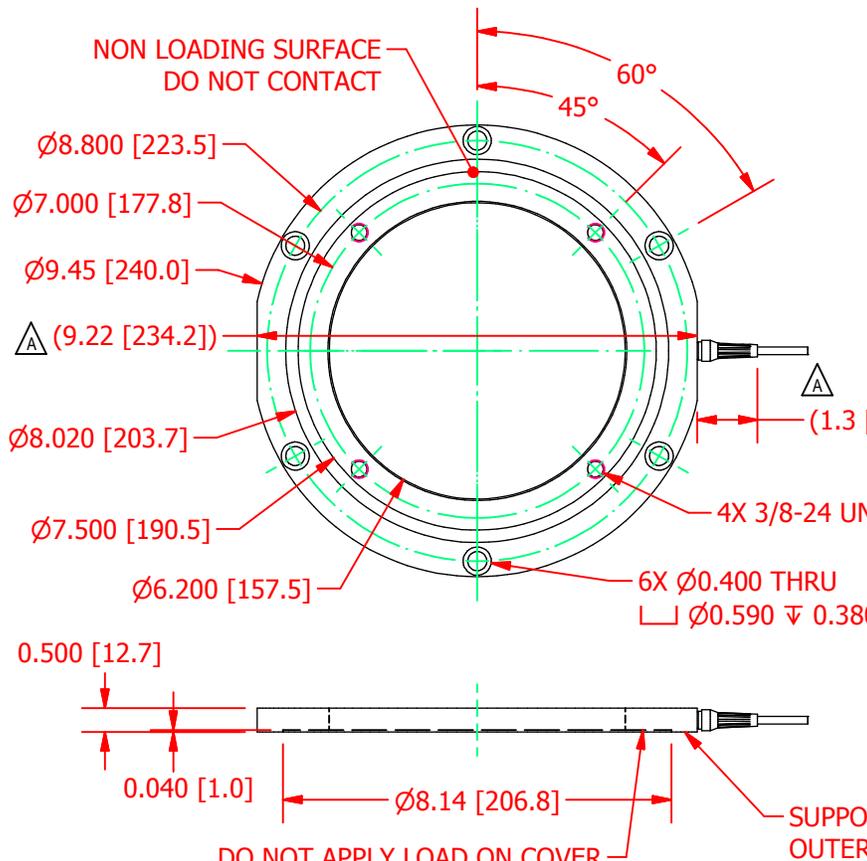


FUTEK MODEL QMA141

Custom High Temperature, Tri Axial Sensor

ITEM NUMBER: QSH01877

INCH [mm]		R.O.= Rated Output	
WIRING CODE			
+ Excitation	- Excitation	+ Signal	- Signal
RED PIN 1	BLACK PIN 3	GREEN PIN 4	WHITE PIN 5



SPECIFICATIONS:

RATED OUTPUT	1 mV/V nom (Fz), 0.5 mV/V nom (Mx,My)
CAPACITY	6000 lb (Fz), 6000 in-lb (Mx,My)
SAFE OVERLOAD	300 % of R.O.
EXCITATION (VDC OR VAC)	10 Max
BRIDGE RESISTANCE	700 Ohm (Fz), 350 Ohm (Mx,My)
NONLINEARITY	±1% of R.O.(Fz), ±2% of R.O. (Mx,My)
NONREPEATABILITY	±0.5% of R.O.
TEMP. SHIFT ZERO	±0.01% of R.O./°F (±0.018 of R.O./°C)
TEMP. SHIFT SPAN	±0.02% of LOAD/°F (±0.036 of LOAD/°C)
COMPENSATED TEMP.	60 to 250 °F (16 to 121 °C)
OPERATING TEMP	0 to 350 °F (-18 to 177 °C)
MATERIAL	17-4 PH S.S.
DEFLECTION	0.0005 [0.013] nom.

3x CONNECTOR: 4 Socket High Temperature, Environmentally Sealed when mated to Mating Connector.

NOTES:

- 1) FOR OPTIMAL PERFORMANCE CUSTOMER MATING SURFACES TO BE FLAT WITHIN 0.0005" [0.013]
- 2) QSH01893 MATING CONNECTOR WITH 15 FT CABLE SOLD SEPERATELY.

CUSTOMER APPROVAL- COMPANY:	<h1 style="color: green;">OUTLINE DRAWING</h1>	<p><i>This drawing is submitted solely for the information and exclusive use of the original addressee. It is not to be divulged in whole or in part, by any firm or individual without written permission from:</i></p> <p>FUTEK ADVANCED SENSOR TECHNOLOGY, INC. 10 THOMAS, IRVINE, CA 92618 USA Phone: (949) 465-0900 Fax: (949) 465-0905</p>
CUSTOMER APPROVAL- NAME / DATE:		
REVISIONS: (Refer to dwg # revision sheet)	<p>STANDARD NOTES: (Unless Otherwise Specified)</p> <p>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</p> <p>3rd ANGLE PROJ.</p> <p>ANGLE: ± 1/2° CHAMFER: ± 5° TOLERANCE: .X ± 0.1" .XX ± 0.01" .XXX ± 0.005"</p>	<p>MODEL: QMA141 DWG No.: FO1438</p> <p>DRAWN BY: R. Walker CREATED DATE: 12/14/2016</p> <p>APPROVED BY: J. Vargas APPROVED DATE: 12/16/2016</p> <p>CHECKED BY: CAGE: 1X8M6 SHEET: 1 OF 1</p>
A 2-3-17		