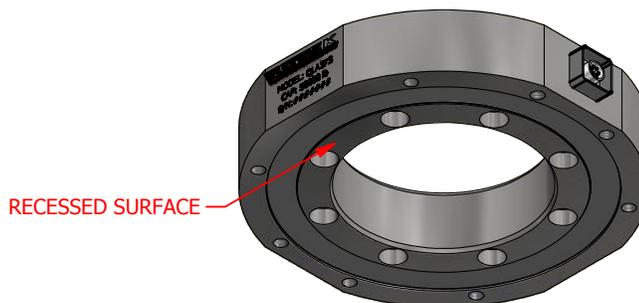
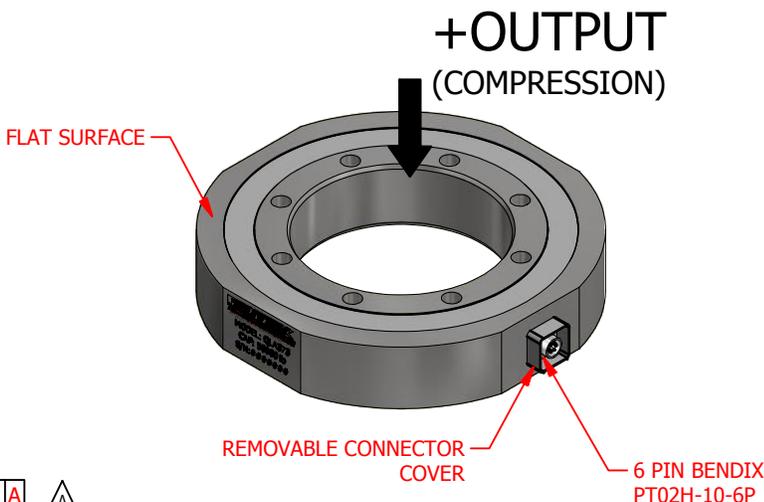
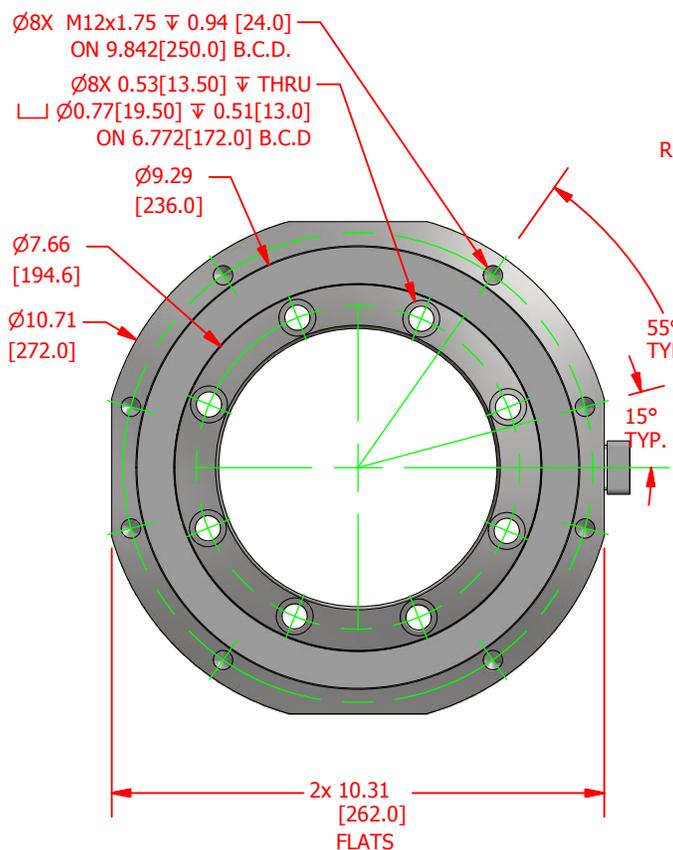
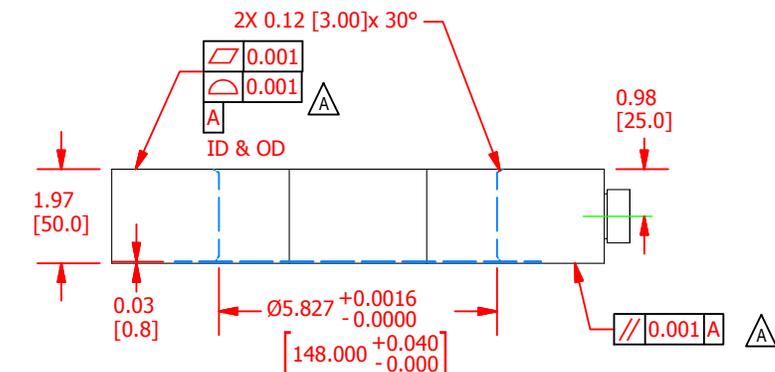


FUTEK MODEL QLA373

Low Profile Fatigue Rated Load Cell

ITEM NUMBER: QSH01667

INCH [mm]		R.O.= Rated Output	
WIRING CODE (CC1)			
+ Excitation	- Excitation	+ Signal	- Signal
PIN A	PIN B	PIN C	PIN D
+ Sense	- Sense		
PIN E	PIN F		



SPECIFICATIONS:

RATED OUTPUT	1.5 mV/V nom.
CAPACITY	50000 lb [222.4kN]
SAFE OVERLOAD	150% of R.O.
ZERO BALANCE	±3% of R.O.
EXCITATION (VDC OR VAC)	18 MAX
BRIDGE RESISTANCE	175 Ω nom ∇
NONLINEARITY	±0.5% of R.O.
HYSTERESIS	±0.5% of R.O.
NONREPEATABILITY	±0.1% of R.O.
TEMP. SHIFT ZERO	±0.02% of R.O./°F (±0.036 of R.O./°C)
TEMP. SHIFT SPAN	±0.02% of LOAD/°F (±0.036 of LOAD/°C)
COMPENSATED TEMP.	60 to 160 °F (16 to 71 °C)
OPERATING TEMP	0 to 200 °F (-18 to 93 °C)
WEIGHT (approx)	23 lb
MATERIAL	17-4ph S.S.
CONNECTOR:	6 PIN BENDIX PT02H-10-6P

CUSTOMER APPROVAL- COMPANY:

CUSTOMER APPROVAL- NAME / DATE:

REVISIONS: (Refer to dwg # revision sheet)

A	5/22/13
B	8/5/2013

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

3rd ANGLE PROJ.



ANGLE:
± 1/2

CHAMFER:
± 5

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

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:

FUTEK
 ADVANCED SENSOR TECHNOLOGY, INC.
 10 THOMAS, IRVINE, CA 92618 USA
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MODEL: QLA373	DWG No.: FO1348-B
DRAWN BY: <i>E. Pano</i>	CREATED DATE: 4/30/2013
APPROVED BY: <i>R. Walker</i>	APPROVED DATE: 5/1/2013
CHECKED BY:	CAGE: 1X8M6 SHEET: 1 OF 1