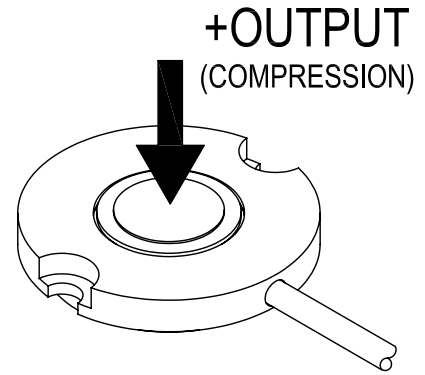
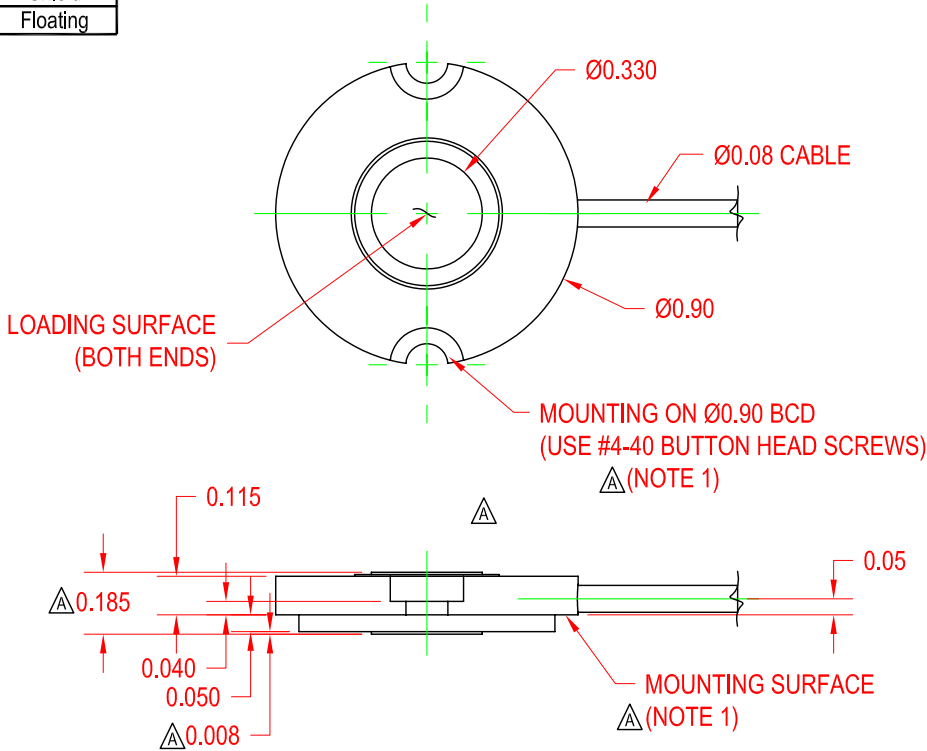


# FUTEK MODEL QLA307 Custom Low Profile Load Washer

ITEM NUMBER: QSH01207

INCH [mm]		R.O.= Rated Output	
WIRING CODE			
+Excitation	-Excitation	+Signal	-Signal
RED	BLACK	GREEN	WHITE
Shield			
Floating			



## SPECIFICATIONS:

RATED OUTPUT	2 mV/V nom.
CAPACITY	4000 lb
SAFE OVERLOAD	150% of R.O.
ZERO BALANCE	±4% of R.O.
EXCITATION (VDC OR VAC)	15 MAX
BRIDGE RESISTANCE	350 Ω nom
NONLINEARITY	±3% of R.O.
HYSTERESIS	±3% of R.O.
NONREPEATABILITY	±0.5% 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 (15 to 72°C)
OPERATING TEMP.	-40 to 200°F (-40 to 93°C)
WEIGHT	0.3 oz
MATERIAL	STAINLESS STEEL
CABLE: 29 AWG, 4 Conductor Spiral Shielded Silicone Cable, 5 ft Long	

## NOTES:

- LEAVE SENSOR MOUNTING SCREWS 1/2 TURN LOOSE TO ALLOW ALIGNMENT TO CUSTOMER LOADING PLATES

## OUTLINE DRAWING

STANDARD NOTES: (Unless Otherwise Specified)

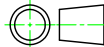
- ALL DIMENSIONS ARE IN INCHES
- DRAWING INTERPRETATION DIMS. PER ASME-Y14.5M
- REMOVE BURRS AND BREAK SHARP EDGES .005 - .015
- THREADS PER HANDBOOK H-28
- DIMENSIONS ARE SHOWN AFTER PLATING

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.

10 THOMAS  
IRVINE, CA 92618 USA  
Phone: (949) 465-0900  
Fax: (949) 465-0905

**CAGE: 1X8M6**

MODEL: **QLA307**

DWG No.: **FO1230-A**

DRAWN BY: R. WALKER

CHECKED BY: J. VARGAS

APPROVED BY: -

DATE: **Nov 15, 2008**

CUSTOMER APPROVAL-COMPANY

CUSTOMER APPROVAL-NAME /DATE

REVISIONS: (Refer to dwg # revision sheet)

02-09-09