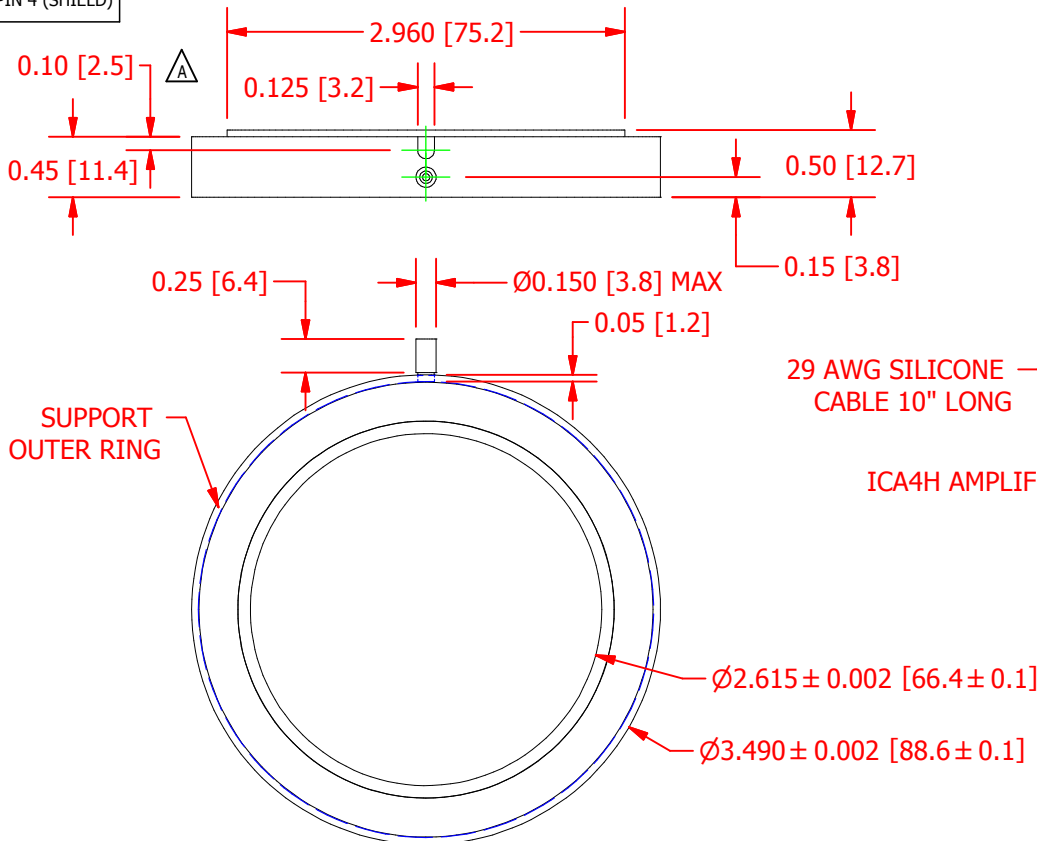


# FUTEK MODEL QLA352

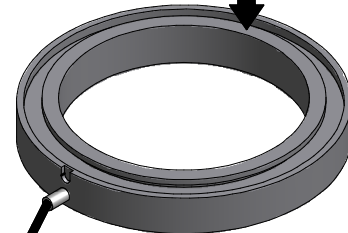
# CUSTOM DONUT LOAD CELL w/ AMPLIFIER

ITEM NUMBER: QSH01530

INCH [mm]		R.O.= Rated Output	
WIRING CODE			
Supply +	Supply -	Output + (mA)	Output - (mA)
PIN 3 (RED)	PIN 2 (BLACK)	PIN 5 (WHITE)	PIN 6 (GREEN)
Ground Floating			
PIN 4 (SHIELD)			



+ OUTPUT  
(COMPRESSION)



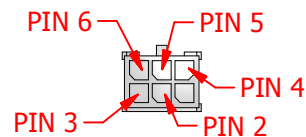
29 AWG SILICONE  
CABLE 10" LONG

ICA4H AMPLIFIER

24 AWG PVC  
7" LONG

0430200601  
MOLEX CONNECTOR  
WITH 430310008  
MALE PINS

FRONT



FRONT

## SPECIFICATIONS:

RATED OUTPUT	4-20 mA (3 wire).
CAPACITY	1000 lb [4.45kN]
SAFE OVERLOAD	150% of R.O.
ZERO BALANCE	±3 of R.O.
EXCITATION	13-30 VDC @ 42 mA min
NONLINEARITY	±0.5 of R.O.
HYSTERESIS	±0.5 of R.O.
NONREPEATABILITY	±0.5 of R.O.
TEMP. SHIFT ZERO	±0.01% of R.O./°F (±0.018 of R.O./°C)
TEMP. SHIFT SPAN	±0.01% of LOAD/°F (±0.018 of LOAD/°C)
COMPENSATED TEMP.	60 to 160 °F (16 to 71 °C)
OPERATING TEMP	-60 to 185 °F (-51 to 85 °C)
WEIGHT (approx)	0.3 lb
MATERIAL	17-4ph S.S.

CABLE: 10 inch #29 Awg Silicone cable to MANTRACOURT amplifies with 7 inch #26 Awg silicone cable to MOLEX 0430200601 connector w/ 430310008 male pins

**DSPM Industria\***  
sensori & trasduttori

Via Paolo Uccello 4 - 20148 Milano  
Tel +39 02 48 009 757 Fax +39 02 48 002 070  
info@dspmindustria.it www.dspmindustria.it

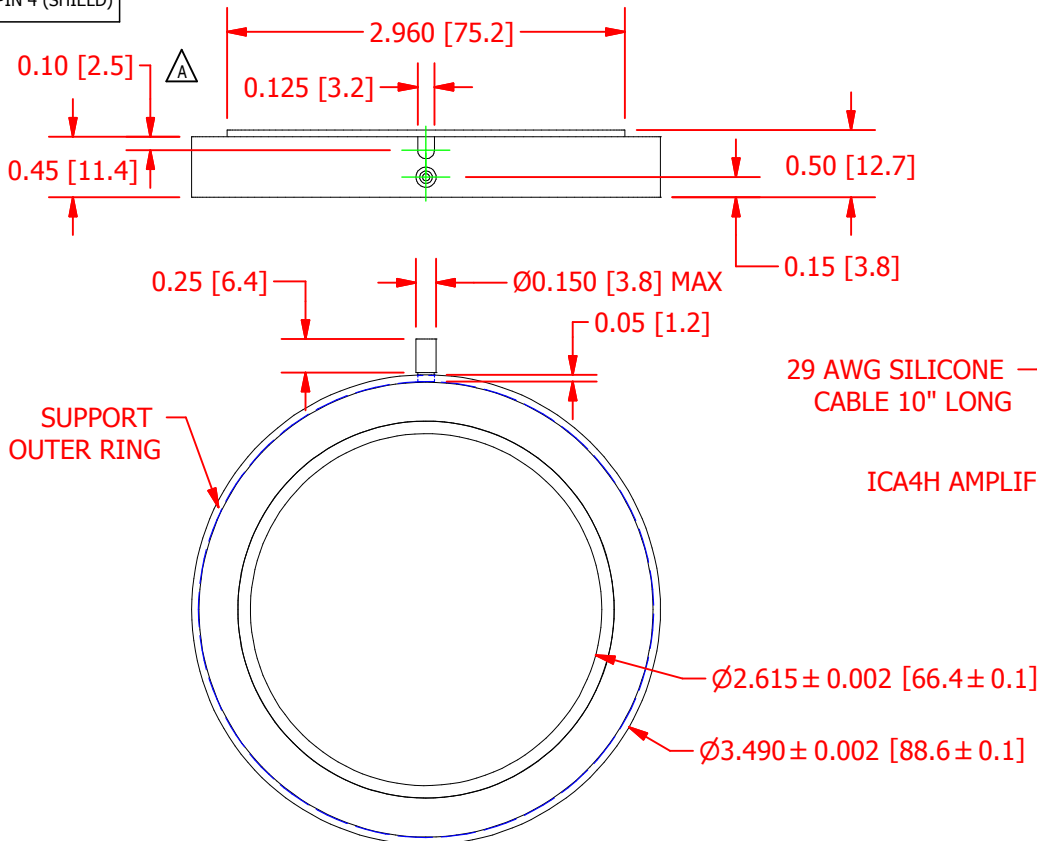
CUSTOMER APPROVAL- COMPANY:		<h1>OUTLINE DRAWING</h1>	<p>This drawing is submitted solely for the information and exclusive use of the original addressee. It is not to be divulged in whole or in part, by any firm or individual without written permission from:</p> <p><b>FUTEK</b> ADVANCED SENSOR TECHNOLOGY, INC.</p>	
CUSTOMER APPROVAL- NAME / DATE:				
REVISIONS: (Refer to dwg # revision sheet)		<p>STANDARD NOTES: (Unless Otherwise Specified)</p> <p>ALL DIMENSIONS ARE IN INCHES</p> <p>DRAWING INTERPRETATION DIMS. PER ASME-Y14.5M</p> <p>REMOVE BURRS AND BREAK SHARP EDGES .005 - .015</p> <p>THREADS PER HANDBOOK H-28</p> <p>DIMENSIONS ARE SHOWN AFTER PLATING</p> <p>3rd ANGLE PROJ.</p>	MODEL: <b>QLA352</b> DWG No.: <b>FO1296-A</b>	
A	8/22/2011		DRAWN BY: <b>E. PANO</b> CREATED DATE: 8/15/2011	
		APPROVED BY: <b>R. WALKER</b> APPROVED DATE: 8/18/2011		
		CHECKED BY:		
		CAGE: 1X8M6 SHEET: 1 OF 1		

# FUTEK MODEL QLA352

## CUSTOM DONUT LOAD CELL w/ AMPLIFIER

ITEM NUMBER: QSH01530

INCH [mm]		R.O.= Rated Output	
WIRING CODE			
Supply +	Supply -	Output + (mA)	Output - (mA)
PIN 3 (RED)	PIN 2 (BLACK)	PIN 5 (WHITE)	PIN 6 (GREEN)
Ground Floating			
PIN 4 (SHIELD)			



+ OUTPUT  
(COMPRESSION)

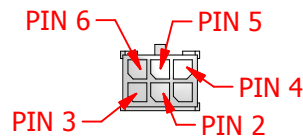
29 AWG SILICONE  
CABLE 10" LONG

ICA4H AMPLIFIER

0430200601  
MOLEX CONNECTOR  
WITH 430310008  
MALE PINS

24 AWG PVC  
7" LONG

FRONT



FRONT

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CUSTOMER APPROVAL- COMPANY:

## OUTLINE DRAWING

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ADVANCED SENSOR TECHNOLOGY, INC.

CUSTOMER APPROVAL- NAME / DATE:

STANDARD NOTES: (Unless Otherwise Specified)

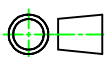
REVISIONS: (Refer to dwg # revision sheet)

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 ± 0.01"  
.XXX ± 0.005"



MODEL: **QLA352** DWG No.: **FO1296-A**

DRAWN BY: E. PANO CREATED DATE: 8/15/2011

APPROVED BY: R. WALKER APPROVED DATE: 8/18/2011

CHECKED BY: CAGE: 1X8M6 SHEET: 1 OF 1