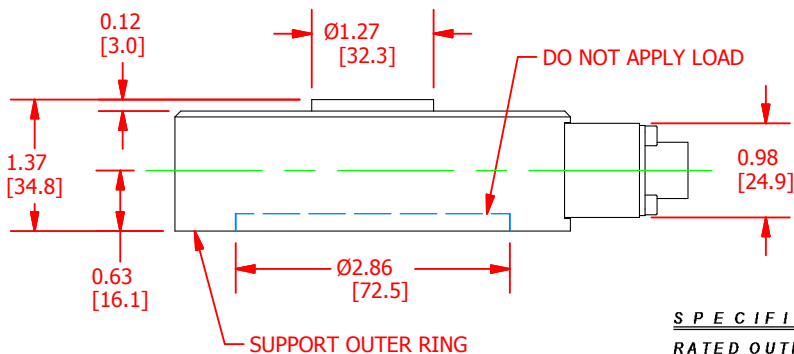
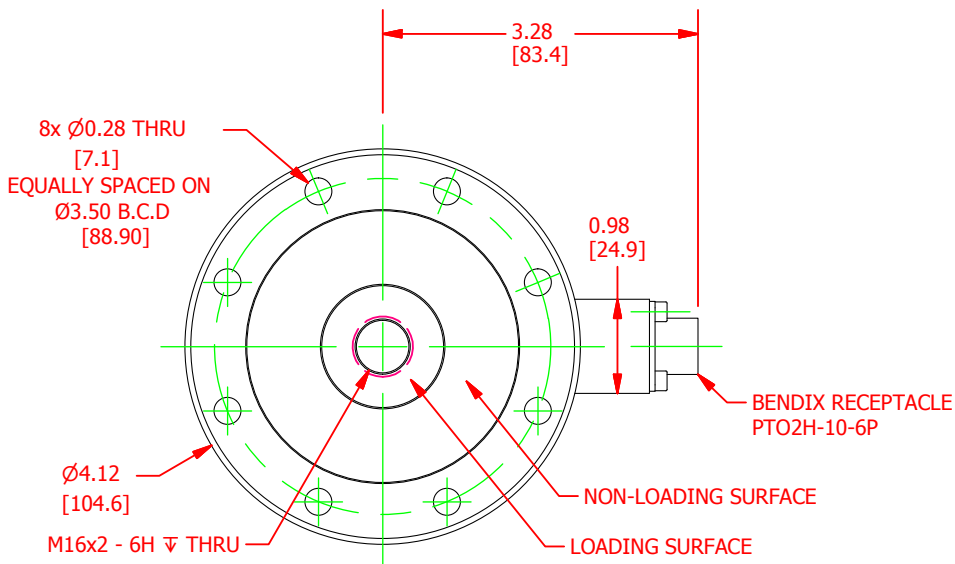
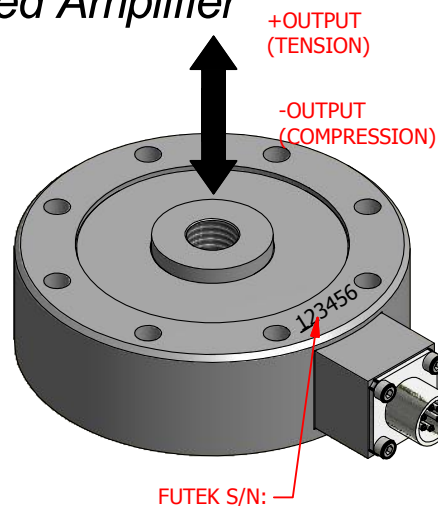


# FUTEK MODEL LCF450

## Low Profile Universal Pancake Load Cell w/ Integrated Amplifier

ITEM NUMBER: QSH01663

INCH [mm]		R.O.= Rated Output
WIRING CODE		
Vin(+)	Gnd(-)	Iout(+)
PIN A	PIN B	PIN C



**SPECIFICATIONS:**  
 RATED OUTPUT: ± 8 m A  
 CAPACITY: 1000 lb [4.448kN]  
 SAFE OVERLOAD: 150% of R.O.  
 ZERO BALANCE: 12 m A  
 POWER SUPPLY (VDC): 12-24  
 NONLINEARITY: ± 0.1% of R.O.  
 HYSTERESIS: ± 0.2% of R.O.  
 NONREPEATABILITY: ± 0.02% 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.: -40 to 180 °F (-40 to 82 °C)  
 WEIGHT (approx): 1.4 lb  
 MATERIAL: Aluminum 2024-T4, Flexure  
 CONNECTOR: PTO2H-10-6P



**SCIGATE AUTOMATION (S) PTE LTD**  
 No.1 Bukit Batok Street 22 #01-01 Singapore 659592  
 Tel: (65) 6561 0488 Fax: (65) 6562 0588  
 Email: sales@scigate.com.sg Web: www.scigate.com.sg  
 Business Hours: Monday - Friday 8.30am - 6.15pm

CUSTOMER APPROVAL- COMPANY:

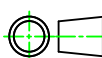
CUSTOMER APPROVAL- NAME / DATE:

REVISIONS: (Refer to dwg # revision sheet)

## 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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 Fax: (949) 465-0905

MODEL: **LCF450**

DWG No.: **FO1345**

DRAWN BY: *E. Pano*

CREATED DATE: 4/8/2013

APPROVED BY: *R. Walker*

APPROVED DATE: 4/22/2013

CHECKED BY:

CAGE: 1X8M6 SHEET: 1 OF 1