

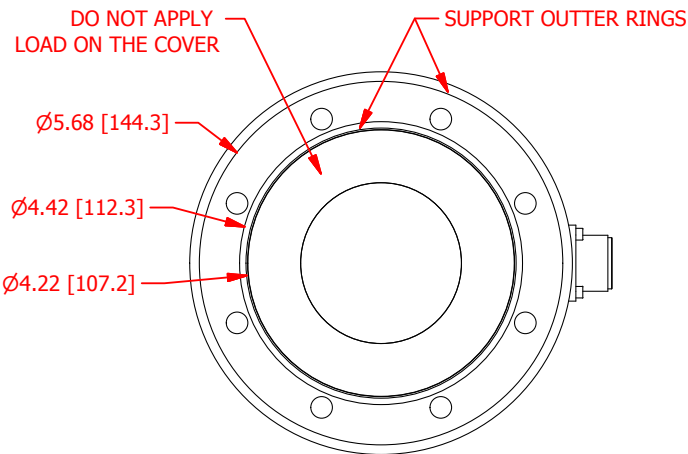
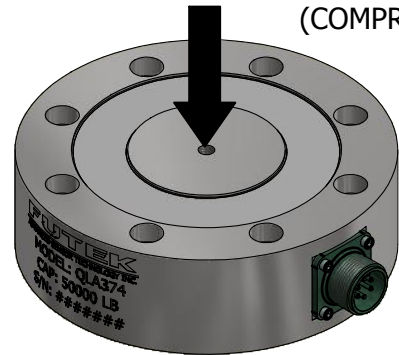
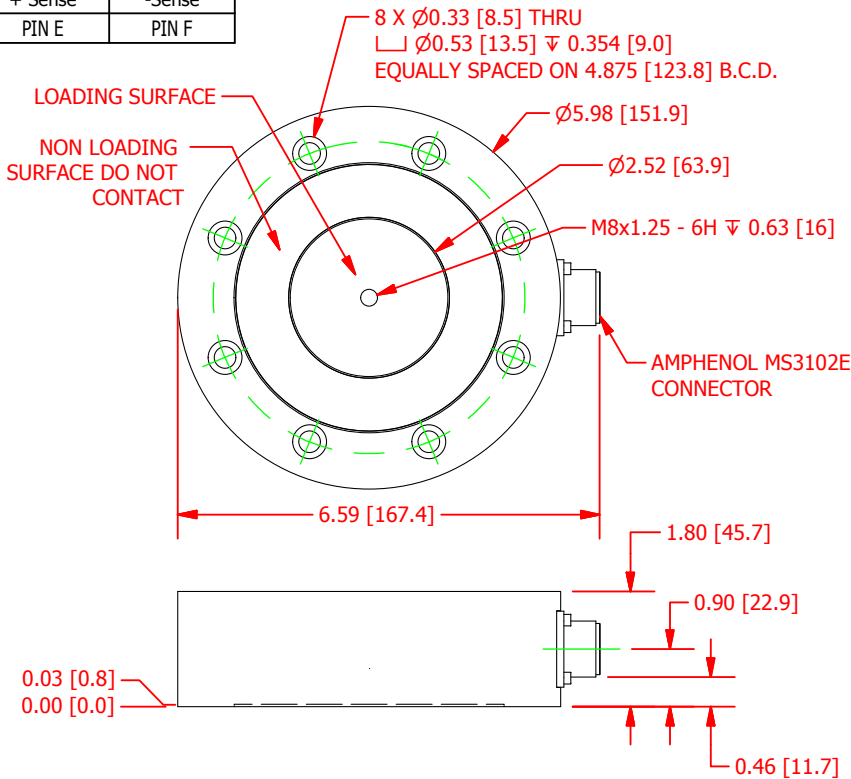
FUTEK MODEL QLA374

ITEM NUMBER: QSH01670

CUSTOM LOW PROFILE COMPRESSION PANCAKE LOAD CELL

-OUTPUT
(COMPRESSION)

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	4 mV/V nom.
CAPACITY	50000 lb [222kN]
SAFE OVERLOAD	150% of R.O.
ZERO BALANCE	±3% of R.O.
EXCITATION (VDC OR VAC)	20 MAX
BRIDGE RESISTANCE	350 Ω nom
NONLINEARITY	±0.2% of R.O.
HYSTERESIS	±0.2% of R.O.
NONREPEATABILITY	±0.05% of R.O.
TEMP. SHIFT ZERO	±0.01% of R.O./°F [±0.0018 of R.O./°C]
TEMP. SHIFT SPAN	±0.005% of LOAD/°F [±0.0036 of LOAD/°C]
COMPENSATED TEMP.	60 to 160 °F (15 to 71 °C)
OPERATING TEMP	-60 to 200 °F (-51 to 93 °C)
WEIGHT (approx)	10 lb [4.5 kg]
MATERIAL	17-4ph S.S.
CONNECTOR:	6 Pin AMPHENOL MS3102E14s-6p

CUSTOMER APPROVAL- COMPANY:

OUTLINE DRAWING

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FUTEK
ADVANCED SENSOR TECHNOLOGY, INC.

CUSTOMER APPROVAL- NAME / DATE:

STANDARD NOTES: (Unless Otherwise Specified)

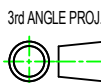
REVISIONS: (Refer to dwg # revision sheet)

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°

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



MODEL: **QLA374** DWG No.: **FO1350**

DRAWN BY: M. Lisiak CREATED DATE: 5/20/2013

APPROVED BY: R. Walker APPROVED DATE: 5/22/2013

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