

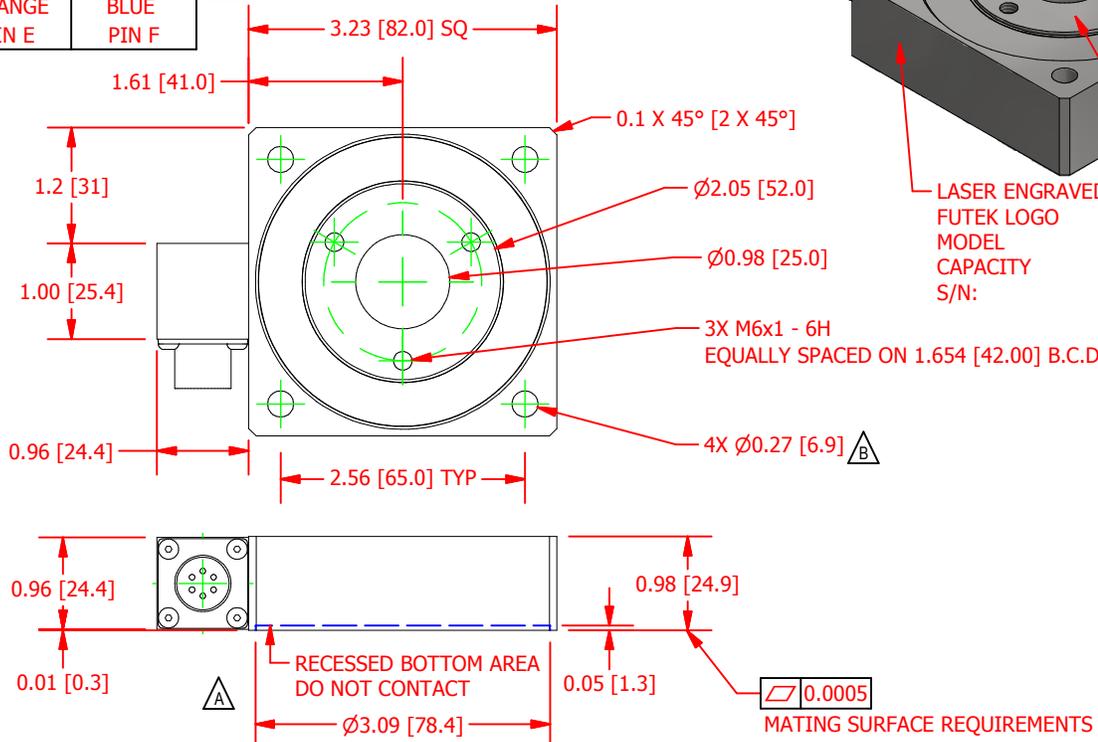
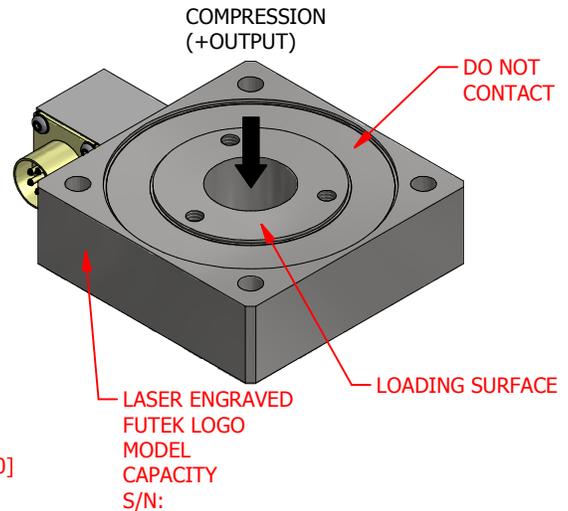
FUTEK MODEL QLA370

CUSTOM COMPRESSION LOADCELL

ITEM NUMBER: QSH01650

INCH [mm] | R.O. = Rated Output

WIRING CODE			
+ Excitation	- Excitation	+ Signal	- Signal
RED PIN A	BLACK PIN B	GREEN PIN C	WHITE PIN D
+ Sense ORANGE PIN E	-Sense BLUE PIN F		



SPECIFICATIONS:

RATED OUTPUT	2 mV/V nom.
CAPACITY	1200 lb [5.338kN]
SAFE OVERLOAD	150% of R.O.
ZERO BALANCE	±5% of R.O.
EXCITATION (VDC OR VAC)	18 MAX
BRIDGE RESISTANCE	350 Ω nom
NONLINEARITY	±0.5% of R.O.
HYSTERESIS	±0.5% of R.O.
NONREPEATABILITY	±0.2% 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 200 °F (-40 to 93 °C)
WEIGHT (approx)	2 lb
MATERIAL	17-4ph S.S.
CONNECTOR: 6 PIN BENDIX, PT02E-10-6P	

CUSTOMER APPROVAL- COMPANY:

OUTLINE DRAWING

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

CUSTOMER APPROVAL- NAME / DATE:

STANDARD NOTES: (Unless Otherwise Specified)

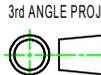
REVISIONS: (Refer to dwg # revision sheet)

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: **QLA370** DWG No.: **FO1339-B**

DRAWN BY: R. Walker CREATED DATE: 2/18/2013

APPROVED BY: APPROVED DATE:

CHECKED BY: J. Vargas CAGE: 1X8M6 SHEET: 1 OF 1