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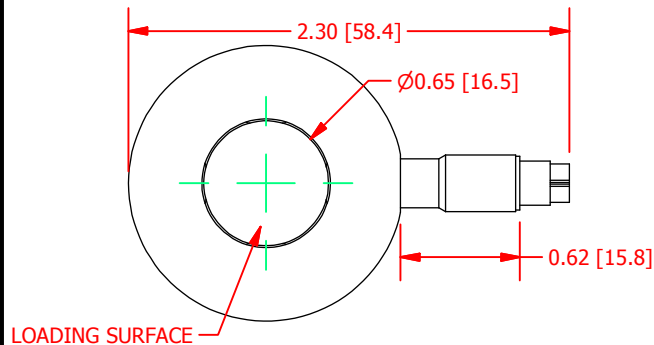
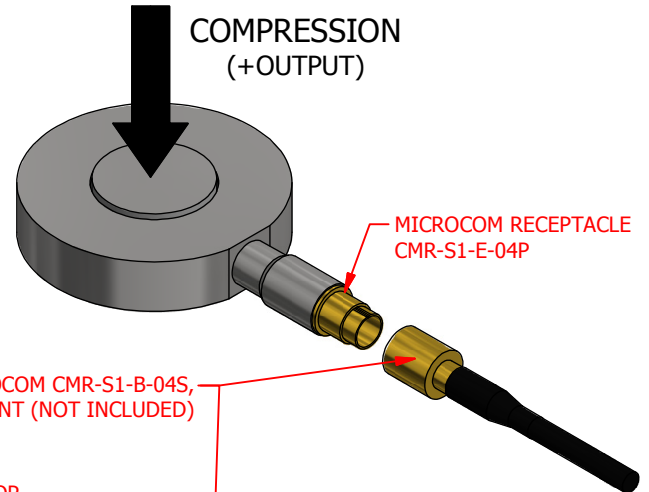
FUTEK MODEL QLA297

CUSTOM MINIATURE LOW PROFILE LOAD BUTTON LOAD CELL

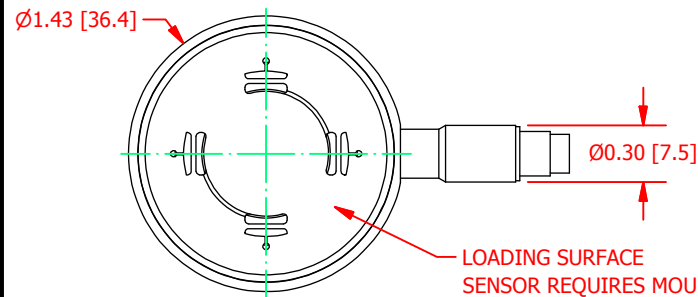
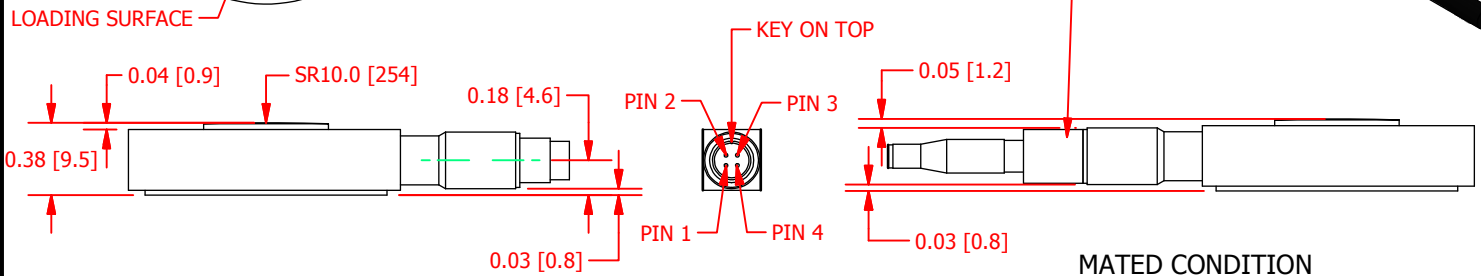
ITEM NUMBER: QSH01801

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

WIRING CODE			
+ Excitation	- Excitation	+ Signal	- Signal
RED PIN 1	BLACK PIN 2	GREEN PIN 3	WHITE PIN 4



MICROCOM CMR-S1-B-04S,
OR EQUIVALENT (NOT INCLUDED)



LOADING SURFACE
SENSOR REQUIRES MOUNTING ON SURFACE WITH MINIMUM ROCKWELL
SCALE "C" HARDNESS OF 34 AND MINIMUM SURFACE FLATNESS OF 0.0005".

SPECIFICATIONS:

RATED OUTPUT	1.2 mV/V
CAPACITY	25 klb [89 kN]
SAFE OVERLOAD	150% of R.O.
ZERO BALANCE	±3% of R.O.
EXCITATION (VDC OR VAC)	18 MAX
BRIDGE RESISTANCE	350 Ω nom
NONLINEARITY	±1.5% of R.O.
NONREPEATABILITY	±0.25% 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 (15 to 72 °C)
OPERATING TEMP	-60 to 200 °F (-51 to 93 °C)
WEIGHT (approx)	0.1 lb
MATERIAL	Maraging 350 (Flexure), 17-4 ph S.S. (Cover)
CONNECTOR:	Microcom CMR-S1-E-04P

Preliminary
Drawing

CUSTOMER APPROVAL- COMPANY:

OUTLINE DRAWING

FUTEK

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CUSTOMER APPROVAL- NAME / DATE:

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.

REVISIONS: (Refer to dwg # revision sheet)

MODEL: QLA297	DWG No.: FO1370-A
DRAWN BY: M. Lisiak	CREATED DATE: 6/4/2014
APPROVED BY: _____	APPROVED DATE:
CHECKED BY:	CAGE: 1X8M6 SHEET: 2 OF 2