

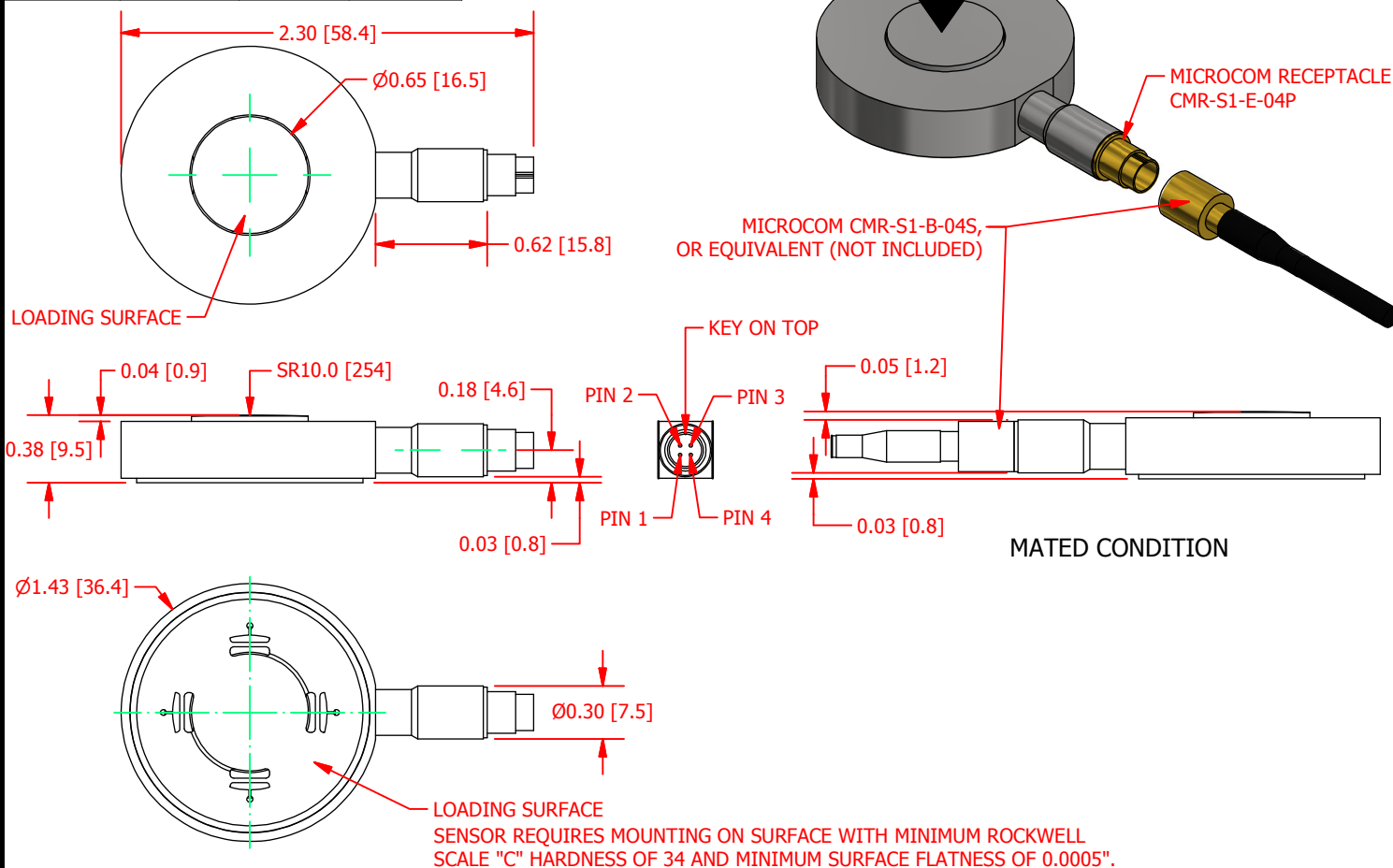
FUTEK MODEL QLA297

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



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

DSPM Industria*
sensori & trasduttori

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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

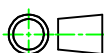
DIMENSIONS ARE SHOWN AFTER PLATING

ANGLE:
± 1/2°

CHAMFER:
± 5°

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

3rd ANGLE PROJ.



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FUTEK
ADVANCED SENSOR TECHNOLOGY, INC.

MODEL: QLA297	DWG No.: F01370-A
DRAWN BY: M. Lisiak	CREATED DATE: 6/4/2014
APPROVED BY: _____	APPROVED DATE: _____
CHECKED BY: _____	CAGE: 1X8M6 SHEET: 2 OF 2