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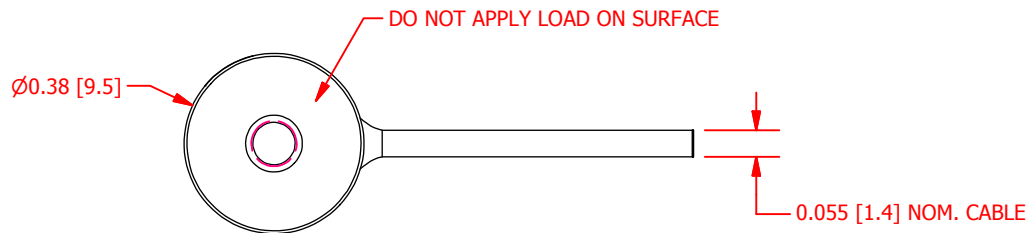
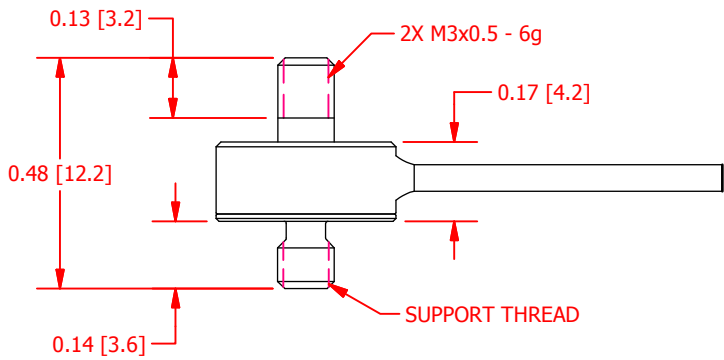
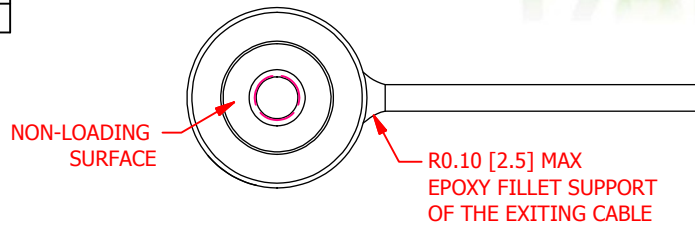
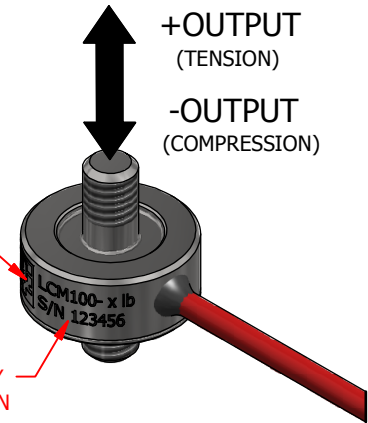
FUTEK MODEL LCM100

SUBMINIATURE, THREADED, TENSION & COMPRESSION LOAD CELL, IP67 RATED

ITEM NUMBER: QSH01870



INCH [mm]		R.O.= Rated Output	
WIRING CODE			
+ Excitation	- Excitation	+ Signal	- Signal
RED	BLACK	GREEN	WHITE
Shield			
FLOATING			



SPECIFICATIONS:

CAPACITY	1000 g
RATED OUTPUT	1 mV/V nom.
SAFE OVERLOAD	150% of R.O.
ZERO BALANCE	±6% of R.O.
EXCITATION (VDC OR VAC)	7 V MAX
BRIDGE RESISTANCE	350 Ω nom.
NONLINEARITY	±0.5% of R.O.
HYSTERESIS	±0.5% of R.O.
NONREPEATABILITY	±0.1% 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.	-60 to 200 °F (-51 to 93 °C)
WEIGHT (approx)	0.3 oz [8.5 g]
MATERIAL	17-4 PH.S.S.
IP RATING	IP 67
CABLE: #34 Avg 4 Conductor Braided Shielded, Red Polyester Cable, 5 ft [1.5 m] Long	
RoHS	2011/65/EU

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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MODEL: LCM100	DWG No.: FO1430
DRAWN BY: M. Lisiak	CREATED DATE: 8/29/2016
APPROVED BY: R. Walker	APPROVED DATE: 8/29/2016
CHECKED BY:	CAGE: 1X8M6 SHEET: 1 OF 1