

FUTEK MODEL QLA387

CUSTOM SUBMINIATURE LOAD BUTTON LOAD CELL

ITEM NUMBER: QSH01799

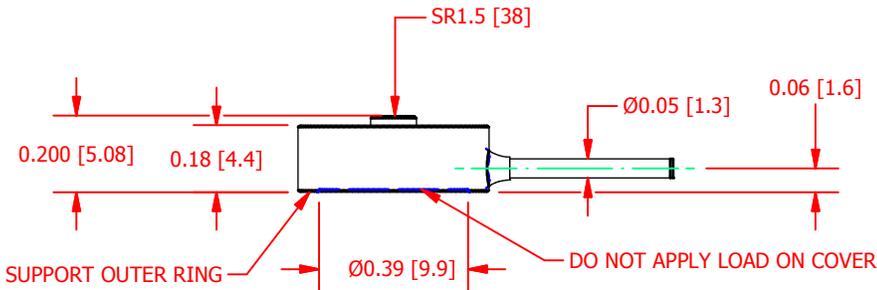
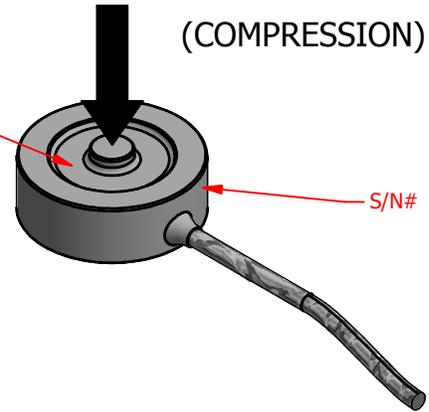
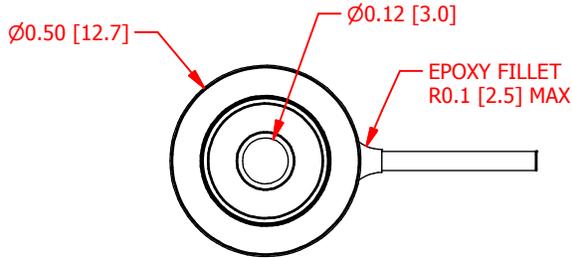


INCH [mm]		R.O. = Rated Output	
WIRING CODE			
+ Excitation	- Excitation	+ Signal	- Signal
RED	BLACK	GREEN	WHITE
Shield			
TO SENSOR BODY			

+ OUTPUT
(COMPRESSION)

NON-LOADING SURFACE
DO NOT CONTACT

S/N#



SPECIFICATIONS

RATED OUTPUT	1.5 mV/V nom.
CAPACITY	500 lb [2224 N]
MAX OVERLOAD	500 lb [2224 N]
ULTIMATE/STRUCTURE OVERLOAD	750 lb [3336 N]
EXCITATION (VDC OR VAC)	7 MAX
BRIDGE RESISTANCE	350 Ω nom.
NONLINEARITY	±0.5% of R.O.
HYSTERESIS	±0.5% of R.O.
NONREPEATABILITY	±0.5% of R.O.
TEMP. SHIFT ZERO	±0.01% of R.O./°F (±0.018 of R.O./°C)
TEMP. SHIFT SPAN	±0.02% of LOAD/°F (±0.036 of LOAD/°C)
COMPENSATED TEMP.	60 to 160 °F (16 to 71 °C)
OPERATING TEMP	-60 to 200 °F (-51 to 93 °C)
MATERIAL	17-4 PH S.S.
DEFLECTION	0.0005 [0.013] nom.
IP RATING	IP64
FATIGUE LIFE	100,000 CYCLES @ 500 lb
CALIBRATION TEST EXCITATION	5 VDC
CABLE:	#34 Awg 4 Conductor Braided Shielded Cable, Teflon Conductors, 5 ft [1.5 m] Long

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)

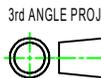
REVISIONS: (Refer to dwg # revision sheet)

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: **QLA387**

DWG No.: **FO1392**

DRAWN BY: R. WALKER

CREATED DATE: 5/20/2015

APPROVED BY: E. PANO

APPROVED DATE: 5/26/2015

CHECKED BY:

CAGE: 1X8M6 SHEET: 1 OF 1