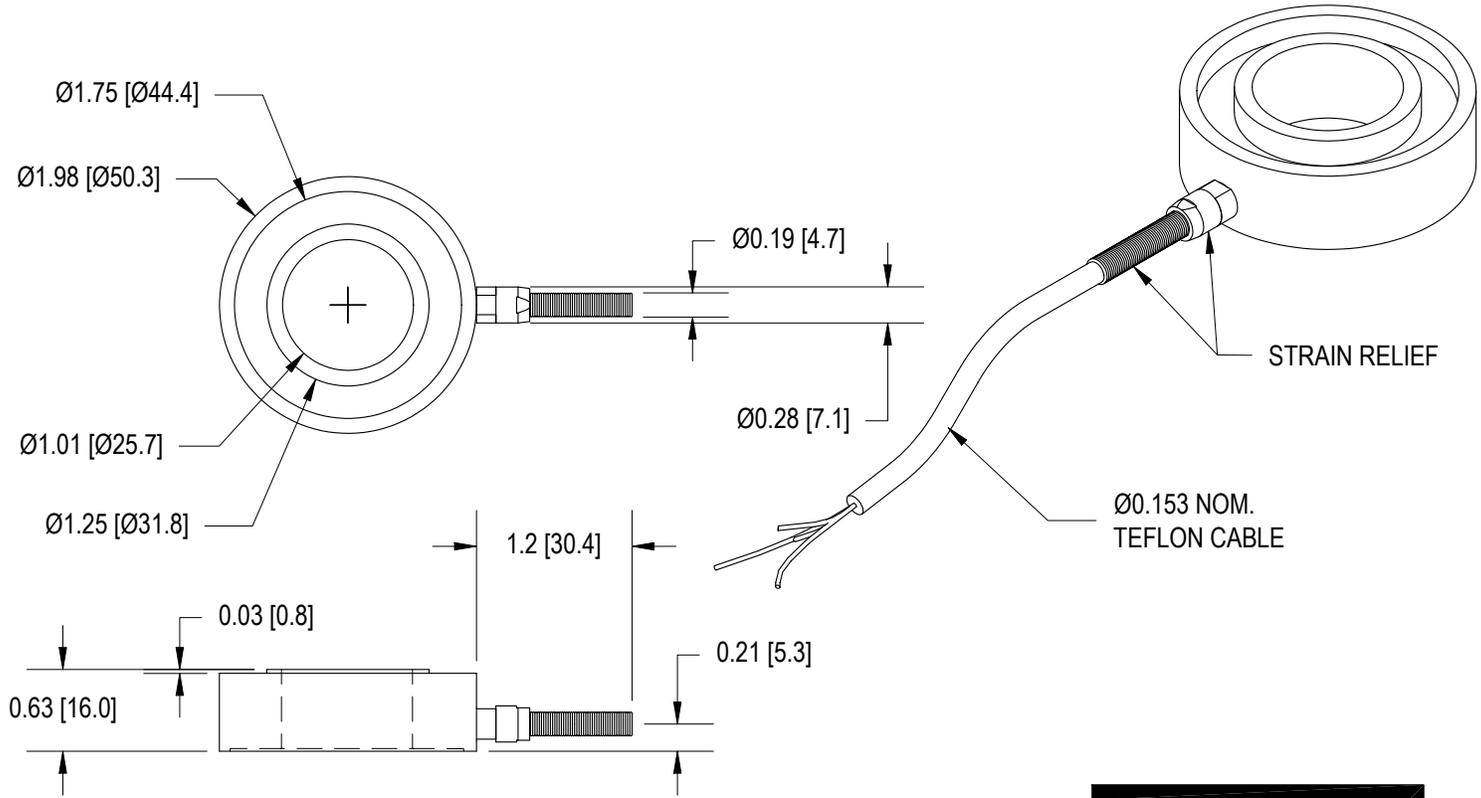


FUTEK MODEL QLA115

DONUT LOAD CELL (Previously Q07673)

| | | | |
|-------------------|-------------|--------------------|---------|
| INCH (mm) | | R.O.= Rated Output | |
| WIRING CODE (WC1) | | | |
| +Excitation | -Excitation | +Signal | -Signal |
| RED | BLACK | GREEN | WHITE |



| STK# | CAPACITIES | |
|----------|------------|------|
| | lb | N |
| QSH00045 | 100 | 445 |
| QSH00046 | 1000 | 4448 |

SPECIFICATIONS:

| | |
|---|---------------------------------------|
| RATED OUTPUT | 2 mV/V nom. |
| SAFE OVERLOAD | 150% of R.O. |
| ZERO BALANCE | 1.0% of R.O. |
| EXCITATION (VDC OR VAC) | 10 recommended |
| BRIDGE RESISTANCE | 700 Ω |
| NONLINEARITY | ±1.0% of R.O. |
| HYSTERESIS | ±1.0% of R.O. |
| NONREPEATABILITY | ±0.10% of R.O. |
| TEMP. SHIFT ZERO | 0.005% of R.O./°F (0.009% of R.O./°C) |
| TEMP. SHIFT SPAN | 0.02% of LOAD/°F (0.036% of LOAD/°C) |
| COMPENSATED TEMP. | 60 to 160°F (15 to 72°C) |
| OPERATING TEMP. | -65 to 200°F (-54 to 90°C) |
| MATERIAL | Stainless Steel |
| CABLE: #24 AWG, 4 Conductor Teflon Cable, 5ft Long | |

OLD DWG: F2554-C

| |
|--|
| MATERIAL: — |
| HEAT TREATMENT - FINISH: — |
| REVISIONS: (Refer to dwg # revision sheet) |

OUTLINE DRAWING

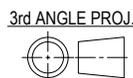
STANDARD NOTES: (Unless Otherwise Specified)

- 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:
.XX ±.01
.XXX ±.005



This drawing is submitted solely for the information and exclusive use of the original addressee. It is not to be divulged in whole or in part, by any firm or individual without written permission from:

FUTEK
ADVANCED SENSOR TECHNOLOGY, INC.
10 THOMAS
Irvine, CA 92618
Phone: (949) 465-0900
Fax: (949) 465-0905

| | |
|---------------------------------|------------------------------|
| MODEL: QLA115 | DWG No.: FO1066 |
| DRAWN BY: R. WALKER | CHECKED BY: R. WALKER |
| APPROVED BY: J. MOKHBERY | DATE: Dec. 23, 1998 |