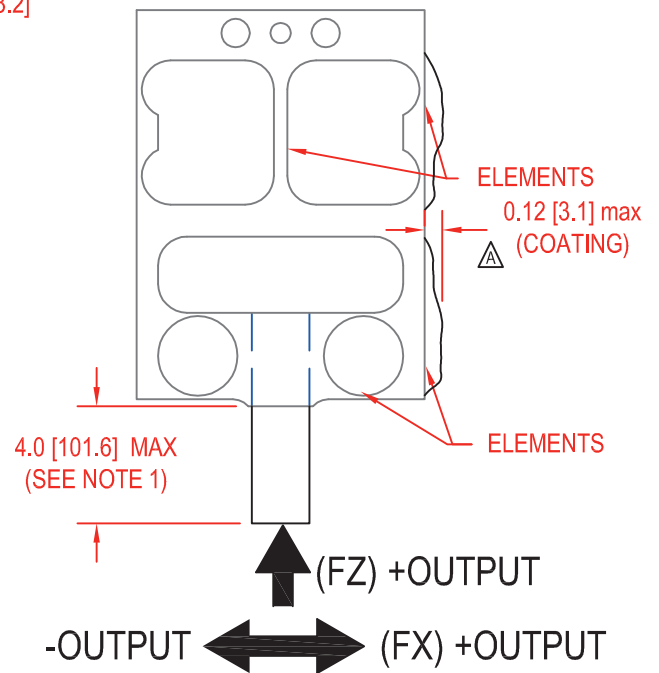
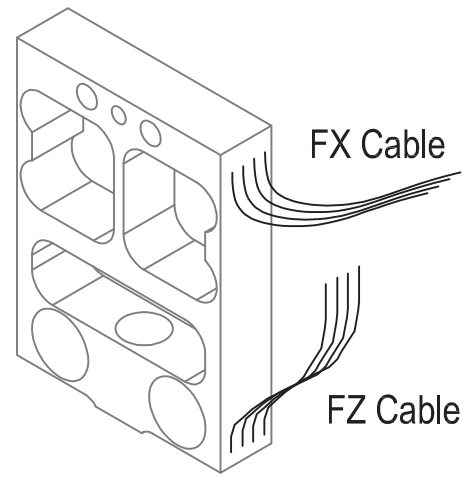
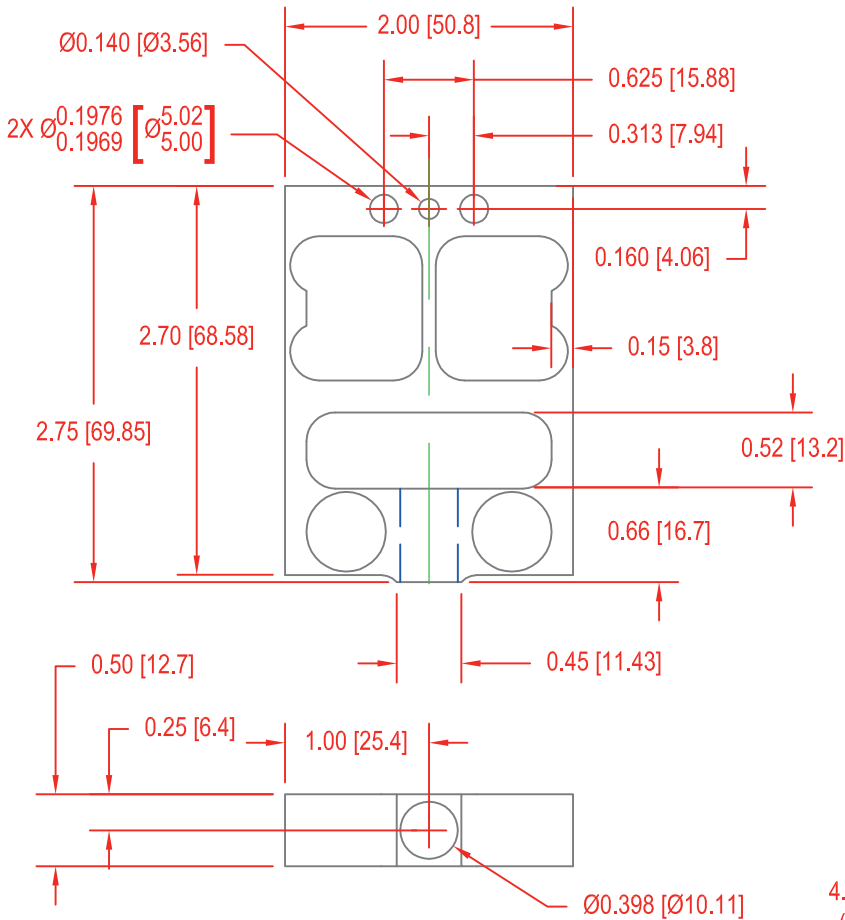


FUTEK MODEL QLA155

POSITION DETECTION AND SHEAR SENSOR

INCH (mm)		R.O.= Rated Output	
WIRING CODE (WC2)			
+Excitation	-Excitation	+Signal	-Signal
GREEN	BLACK	WHITE	RED



SPECIFICATIONS:

RATED OUTPUT	2 mV/V ±10% (FX)
SAFE OVERLOAD	SEE CHART
ZERO BALANCE	150% of R.O.
EXCITATION (VDC OR VAC)	±3% of R.O.
BRIDGE RESISTANCE	18 MAX
NONLINEARITY (FX)	1000Ω nom.
HYSTERESIS (FX)	±0.25% of R.O.
NONREPEATABILITY (FX)	±0.25% of R.O.
OPERATING TEMP.	±0.1% of R.O.
MATERIAL	0 to 160°F (-18 to 71°C)
CABLE: (2x) 29 Awg, 4 Conductor Spiral Teflon Cable, 6 in Long	STAINLESS STEEL

OLD REF. DWG F3945-E

OLD ITEM #S QSH00154 (Fx 12, Fz 40) - QSH00155 (Fx 120, Fz 600)

CAPACITIES			
ITEM #:	Fx (lb)	Fz (lb)	Fz Rated Outputs (mV/V)
QSH01041	16	40	1.1-1.65
QSH01042	160	600	1.48-1.82

NOTES

1) MAXIMUM LENGTH IS 4.0 [101.6]. FUTEK RECOMMENDS NOT TO EXCEED 3.0 [76.2]

MATERIAL:	—
HEAT TREATMENT - FINISH:	—
REVISIONS: (Refer to dwg # revision sheet)	
▲ 3-6-07	
▲ 10-30-07	
▲ 11-6-07	
▲ 6-4-13	

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

3rd ANGLE PROJ.



ANGLE: ±1/2°

CHAMFER: ±5°

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

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:

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CAGE: 1X8M6

MODEL: QLA155

DRAWN BY: H. AU

APPROVED BY: R. WALKER

DWG No.: F01121-D

CHECKED BY: -

DATE: FEB. 20, 2006