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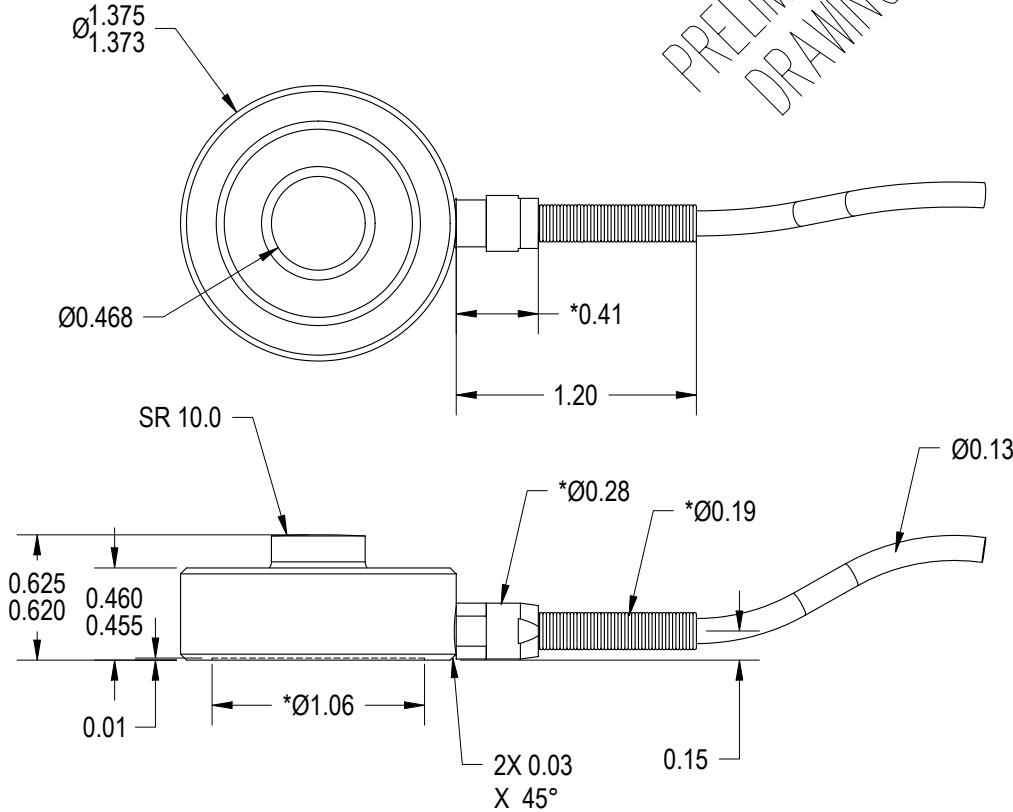
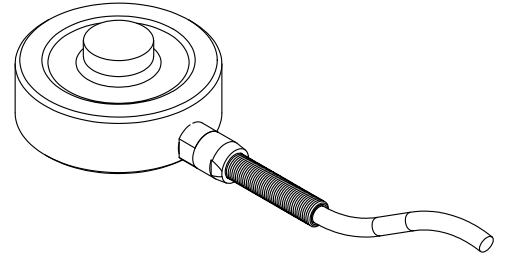
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# FUTEK MODEL QLA146 COMPRESSION LOAD BUTTON

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

PRELIMINARY  
DRAWING



## SPECIFICATIONS:

CAPACITY	15000 lb
RATED OUTPUT	2 mV/V nom.
SAFE OVERLOAD	150% of R.O.
ZERO BALANCE	±3% of R.O.
EXCITATION (VDC OR VAC)	18 VDC MAX
BRIDGE RESISTANCE	*700 Ω nom.
COMBINED NONLINEARITY & HYSTERESIS	*±2% of R.O.
TEMP. SHIFT ZERO	±0.02% of R.O./°F
COMPENSATED TEMP.	70 to 250°F
OPERATING TEMP.	-60 to 250°F
MATERIAL	440C R56-60
CABLE:	26 AWG 4 Conductor Braided Shielded Teflon Cable, 40 ft long

## NOTE:

- 1) 12 POINT CALIBRATION
  - 6 POINTS LOADING
  - 6 POINTS UNLOADING
- 2) SUBMERSIBLE IN 15 PSI OF NON CONDUCTIVE OIL
- 3) (\*) DIMENSIONS/SPECS VARY FROM PRINT SUPPLIED BY CUSTOMER

MATERIAL:

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HEAT TREATMENT - FINISH:

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REVISIONS: (Refer to dwg # revision sheet)

▲ XXX

## 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

3rd ANGLE PROJ.



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# FUTEK

**CAGE: 1X8M6**

**MODEL: QLA146**

**DRAWN BY: J. VARGAS**

**APPROVED BY: R. WALKER**

**DWG No.: FO1019**

**CHECKED BY: XXXXX**

**DATE: Sep. 12, 2003**