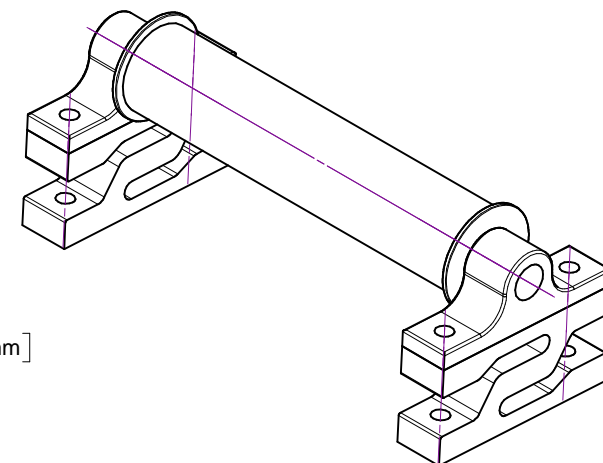
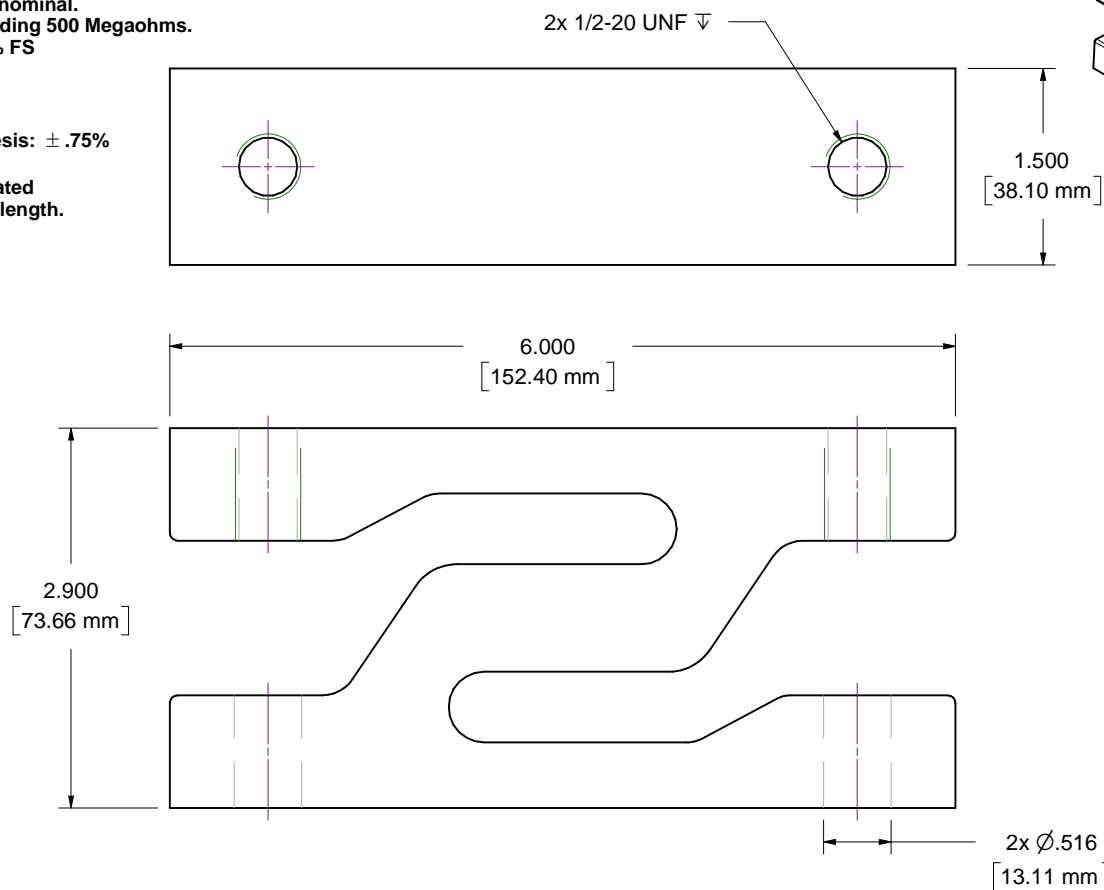


Typical Transducer Specifications

*Tension Range: Supplied to Customer's requirements.
 *Contact Elements: To fit application.
 *Operating Temperature: $70^{\circ} \pm 25^{\circ}$ F. (Special ranges available)
 *Connecting Terminals: 5 pin Amphenol plug or terminated ends.
 *Excitation Voltage: 4-10 VDC.
 *Bridge Resistance: 350 ohms nominal.
 *Output Signal: 1.0 - 2.0 mv/V nominal.
 *Resistance to Ground: Exceeding 500 Megaohms.
 *Zero Balance: Less than 1.5% FS
 *Drift at Midpoint: 0.2%
 *Noise Level: Less than 0.2%
 *Linearity: 0.5%
 *Combined Linearity & Hysteresis: $\pm .75\%$
 *Total Error: 1% FS
 *Overload Tension: 50% Overated
 *Shielded Cable: 10' standard length.


Revisions			
SYM	Description	Date	Approval



SCALE 1:5
 TYPICAL APPLICATION SHOWING
 2, LOAD CELLS ASSEMBLED WITH
 PILLOW BLOCKS AND 3"Ø ROLLER

Application Note:

Roller configuration adjustable to meet specific applications. For optimum accuracy evenly guide material over pulley with a minimum wrap angle of 12° . For best accuracy keep wrap angle as consistent as possible.

Material ALUMINUM			Finish CLEAR ANODIZE			Heat Treat			
DIMENSIONAL TOLERANCES UNLESS OTHERWISE SPECIFIED			TITLE TYPICAL PILLOW BLOCK LOAD CELL			<div>TENSITRON^{INC.}</div> <div></div> <div>733 South Bowen Street Longmont, CO 80501</div>			
FRAC.	DEC.	ANG.							
± 1/64	± .005	± 30°							
Scale 1:1.5		No. Req'd	Drawn SHS Date 6-22-07			Size	Drawing Number		Issue
Next Assy			Checked Date				E-202		
			Approved Date						