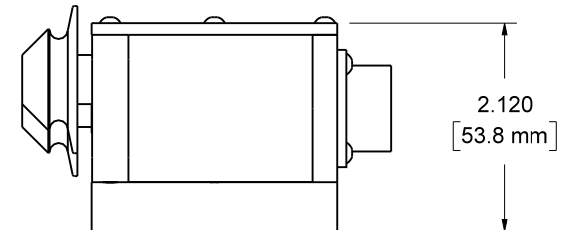
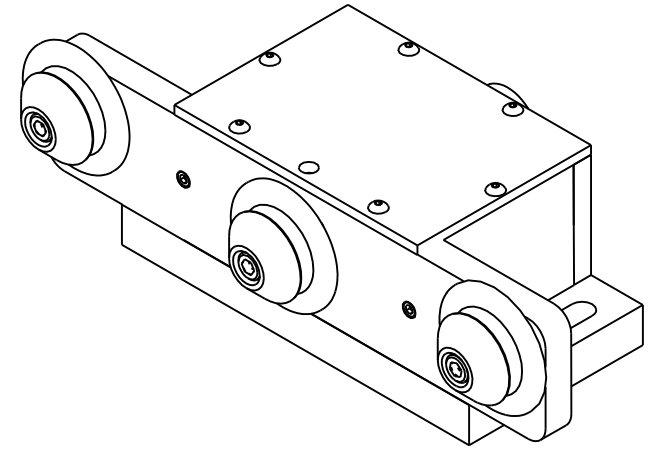
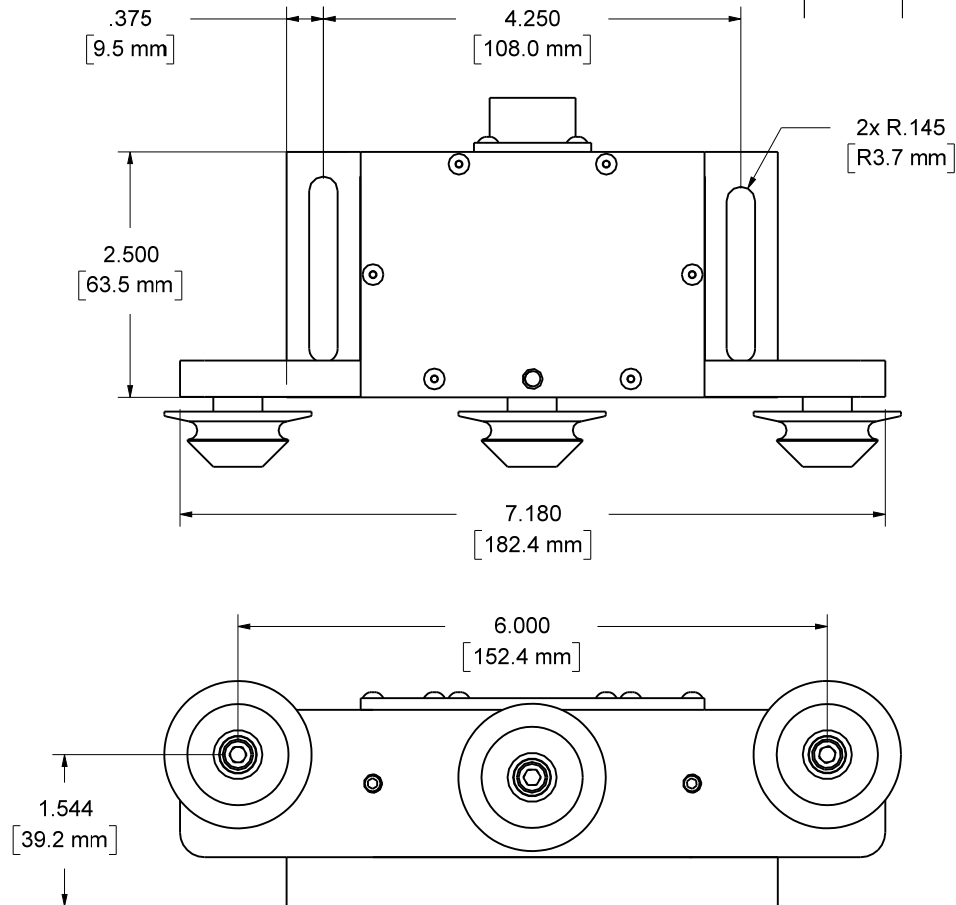



Revisions			
SYM	Description	Date	Approval



Typical Transducer Specifications

*Tension Range: Supplied to Customer's requirements.
 *Contact Elements: To fit application.
 *Operating Temperature: 70 ± 25 °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.

Material ALUMINUM			Finish CLEAR ANODIZE			Heat Treat		
DIMENSIONAL TOLERANCES UNLESS OTHERWISE SPECIFIED			TITLE STANDARD, THREE ROLLER LOW FORCE 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 1:2		No. Req'd	Drawn SHS	Date 11-16-11	Size	Drawing Number		Issue
Next Assy			Checked	Date		E-091-00		2
			Approved	Date				

NOTE 1. MAXIMUM TENSION RANGE OF 150 LBS (75 KG) OVER SEVERAL RANGES.
 NOTE 2. PULLEY DIAMETERS, MATERIAL AND SHAPE OF GROOVE/RADIUS TBD BY APPLICATION.
 NOTE 3. POSITIONING OF OUTER ROLLERS CAN BE ADJUSTED (THREE POSITIONS) TO INCREASE OR DECREASE WRAP ANGLE.