

ELECTRICAL
 RESISTANCE RANGE-----SEE CHART
 RESISTANCE TOLERANCE-----±20%
 LINEARITY,INDEPENDENT -----SEE CHART
 RESOLUTION-----ESSENTIALLY INFINITE
 STROKE-----SEE CHART
 OUTPUT SMOOTHNESS-----<0.1% AGAINST INPUT VOLTAGE
 POWER RATING @ 40°C-----SEE CHART
 INSULATION RESISTANCE-----1000 MEGOHMS AT 500VDC MIN.
 DIELECTRIC STRENGTH-----1 MINUTE AT 900VAC
 CONTACT RES. VARIATION-----BELOW 2% CRV

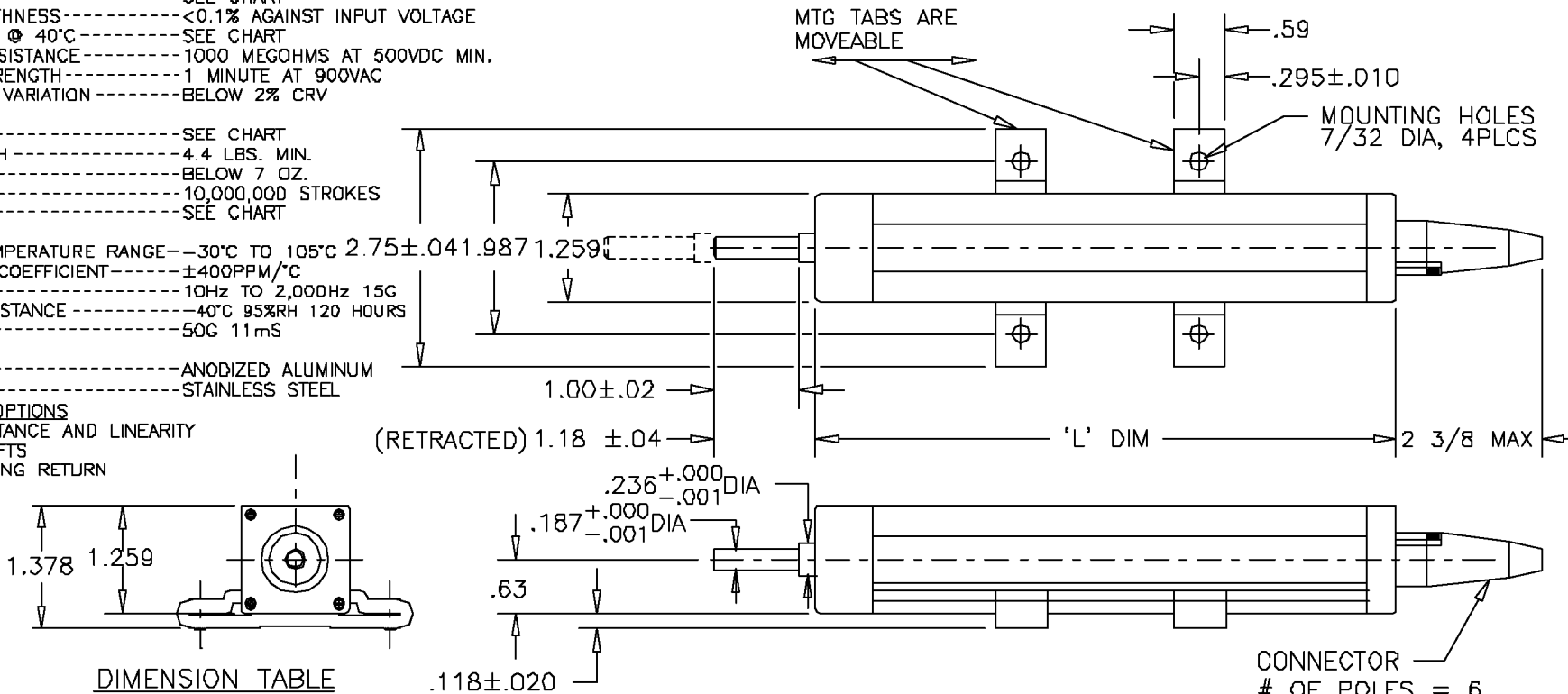
MECHANICAL
 STROKE-----SEE CHART
 STOP STRENGTH-----4.4 LBS. MIN.
 FRICTION-----BELOW 7 OZ.
 LIFE-----10,000,000 STROKES
 WEIGHT-----SEE CHART

ENVIRONMENTAL
 OPERATING TEMPERATURE RANGE---30°C TO 105°C 2.75±.041.9871.259
 TEMPERATURE COEFFICIENT-----±400PPM/°C
 VIBRATION-----10Hz TO 2,000Hz 15G
 MOISTURE RESISTANCE-----40°C 85%RH 120 HOURS
 SHOCK-----50G 11mS

MATERIALS
 HOUSING-----ANODIZED ALUMINUM
 SHAFT-----STAINLESS STEEL

NON-STANDARD OPTIONS
 SPECIAL RESISTANCE AND LINEARITY
 MACHINED SHAFTS
 EXTERNAL SPRING RETURN

LCP30-Conductive plastic element
 www.precisionsales.com eparts@precisionsales.com
 610-359-1002



DIMENSION TABLE

DASH NO.	APPROX WEIGHT	MECHANICAL STROKE ±.080	ELECTRICAL STROKE ±.040	LINEARITY			RESISTANCE RANGE	'L' DIM ±.040	POWER RATING
				STD/NON-STD	BEST	PRACTICAL			
-100	7.1 OZ.	4.133	3.937	±0.5%	±0.1%	0.075%	1K - 10K	6.692	1.25W
-200	12.3 OZ.	8.070	7.874	±0.5%	±0.1%	0.05%	2K - 20K	10.629	1.5W
-300	17.6 OZ.	12.007	11.811	±0.5%	±0.1%	0.05%	3K - 20K	14.566	2.0W
-400	22.9 OZ.	15.944	15.748	±0.5%	±0.1%	0.05%	4K - 100K	18.503	2.5W
-500	28.2 OZ.	19.881	19.685	±0.5%	±0.1%	0.05%	5K - 200K	22.440	5.0W
-750	45.8 OZ.	29.724	29.527	±0.5%	±0.1%	---	5K - 200K	32.283	7.5W
-1000	62.9 OZ.	39.566	39.370	±0.5%	±0.1%	---	10K - 500K	42.126	10.0W

LCP30S = SPRING RETURN(EXTERNAL)

LCP30T = 10-32X1/2 LONG THREADED SHAFT

LCP30P = PLAIN SHAFT