

SPECIFICATIONS

ELECTRICAL

- RESISTANCE RANGE (OHMS) ----- 1K,2K,5K,10K,20K,50K
- RESISTANCE TOLERANCE ----- ±15%
- LINEARITY,INDEPENDENT ----- ±2.0%
- RESOLUTION ----- ESSENTIALLY INFINITE
- ELECTRICAL STROKE ----- .433±.020
- OUTPUT SMOOTHNESS ----- 0.1% AGAINST INPUT VOLTAGE
- POWER RATING ----- 0.2WATT
- INSULATION RESISTANCE ----- 1000 MEGOHMS @ 500 VDC
- DIELECTRIC STRENGTH ----- 500 VAC MIN.

MECHANICAL

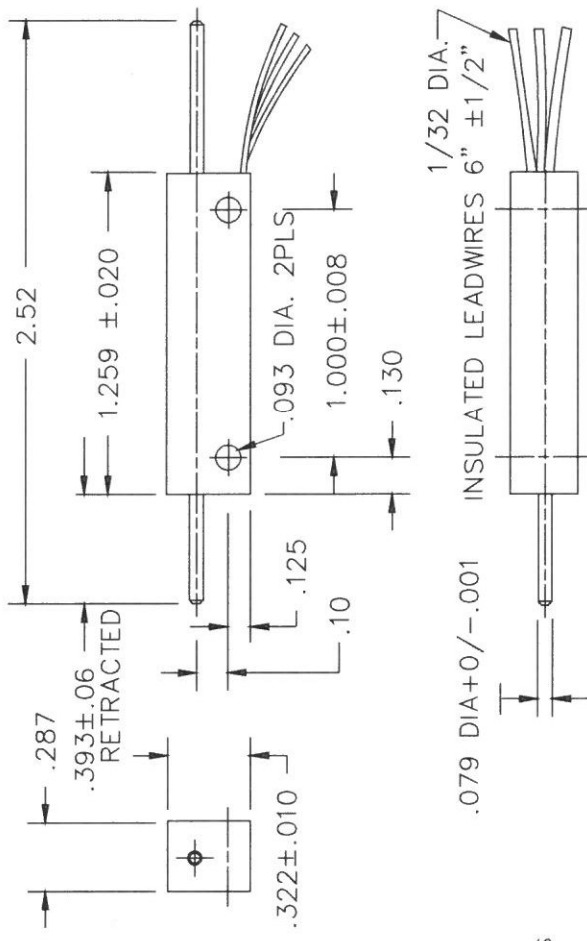
- MECHANICAL STROKE ----- .472
- STOP STRENGTH ----- APPROX. 2 POUNDS
- LIFE EXPECTANCY ----- 20,000,000 STROKES
- WEIGHT APPROX. ----- 0.2 OZS.
- MARKINGS ----- ETI SYSTEMS
- P/N LCP8-10
- RESISTANCE -----
- FRICITION ----- 30 GRAMS
- SPRING RETURN ----- RETRACTED, APPROX. 230GRAMS
- FORCE WHEN APPLICABLE ----- EXTENDED, APPROX. 57GRAMS

ENVIRONMENTAL

- SHOCK ----- 50G, 11mS
- VIBRATION ----- 10Hz TO 2000Hz 15G
- OPERATING TEMPERATURE RANGE ----- -30° C TO +105° C
- TEMPERATURE COEFFICIENT ----- ±400 PPM /°C

OPTIONS

- RESISTANCE TOLERANCE ----- ±10%
- LINEARITY,PRECISION ----- ±1%
- SPECIAL MACHINED SHAFT



MODEL NO'S.

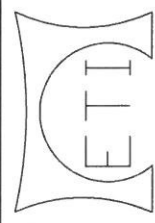
- LCP8P-10 (P) PLAIN
- LCP8T-10 (T) THREADED 2-56 UNC-2A
- LCP8C-10 (C) CHAMFERED
- LCP8S-10 (S) SPRING RETURN (INTERNAL)

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SCALE	NONE
DATE:	12--76
BY	
APPR'V'D	BT
CODE IDENT:	19477

TITLE

LINEAR MOTION
POTENTIOMETER



SYSTEMS
CARLSBAD
CALIFORNIA

PART NO.

LCP8-10

TOLERANCES

- XX = +/- .010" FRACT. = +/- 1/64"
- XXX = +/- .005" ANGLES = +/- 1/2°

ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.