

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.
 FRICTION ----- 30 GRAMS

MECHANICAL

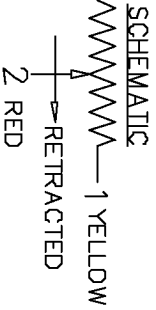
MECHANICAL STROKE ----- .472
 STOP STRENGTH ----- APPROX. 2 POUNDS
 LIFE EXPECTANCY ----- 20,000,000 STROKES
 WEIGHT APPROX. ----- 0.2 OZS.
 MARKINGS ----- ETI SYSTEMS
 P/N LCP8-10
 RESISTANCE -----
 SPRING RETURN ----- RETRACTED, APPROX. 230GRAMS
 FORCE WHEN APPLICABLE ----- EXTENDED, APPROX. 57GRAMS

ENVIRONMENTAL

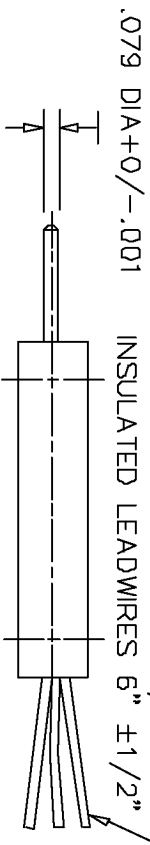
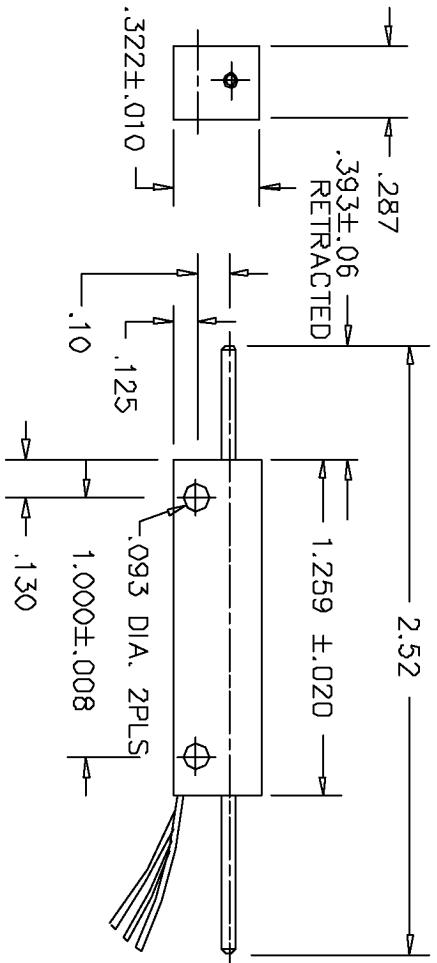
SHOCK ----- 50g, 11ms
 VIBRATION ----- 10HZ TO 2000HZ 15G
 OPERATING TEMPERATURE RANGE ----- -30° C TO +105° C
 TEMPERATURE COEFFICIENT ----- ±400 PPM /°C

OPTIONS

RESISTANCE TOLERANCE ----- ±10%
 LINEARITY, PRECISION ----- ±1 GREEN 3
 SPECIAL MACHINED SHAFT



REV. K	BY BT	DATE 11-25-98	PART NO. LCP8-10
			ADDED SPRING RETURN FORCE



MODEL NO.'S.

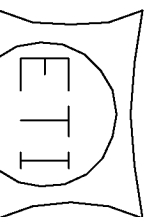
SHAFT STYLES

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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TITLE

LINEAR MOTION
 POTENTIOMETER



CARLSBAD
 SYSTEMS
 CALIFORNIA

PART NO.

LCP8-10

TOLERANCES

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

ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

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