

SPECIFICATIONS

ELECTRICAL

RESISTANCE RANGE (OHMS)-----1K,2K,5K,10K,20K,50K
 RESISTANCE TOLERANCE----- $\pm 15\%$
 LINEARITY,INDEPENDENT----- $\pm 2.0\%$
 RESOLUTION-----ESSENTIALLY INFINITE
 ELECTRICAL STROKE-----.433 \pm .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

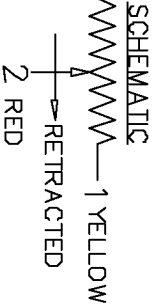
MECHANICAL STROKE-----.472
 STOP STRENGTH-----APPROX. 2 POUNDS
 LIFE EXPECTANCY-----20,000,000 STROKES
 WEIGHT APPROX.-----0.2 OZS.
 MARKINGS-----ETI SYSTEMS
 P/N LCP8-10
 RESISTANCE-----
 SPRING RETURN-----RETRACTED, APPROX. 230GRAMS
 FORCE WHEN APPLICABLE-----EXTENDED, APPROX. 57GRAMS

ENVIRONMENTAL

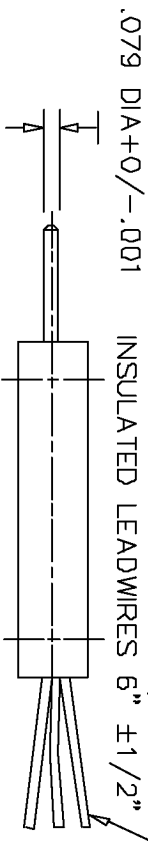
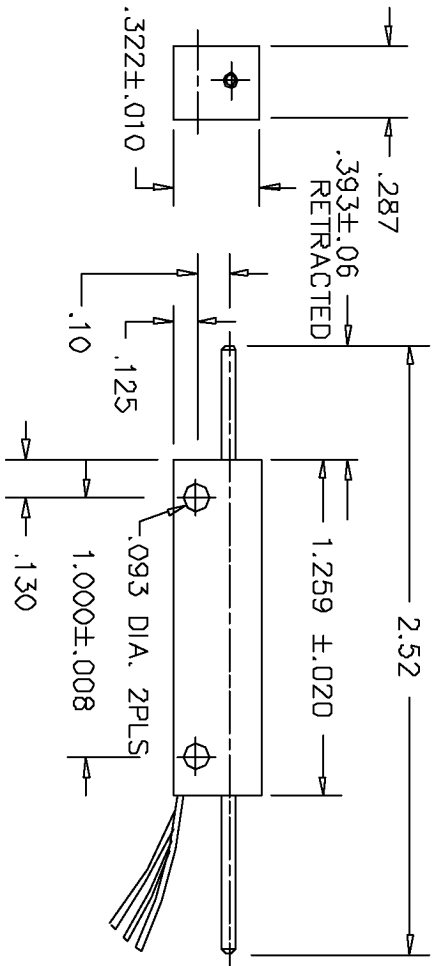
SHOCK-----50g, 11ms
 VIBRATION-----10HZ TO 2000HZ 15G
 OPERATING TEMPERATURE RANGE----- -30° C TO $+105^{\circ}$ C
 TEMPERATURE COEFFICIENT----- ± 400 PPM / $^{\circ}$ C

OPTIONS

RESISTANCE TOLERANCE----- $\pm 10\%$
 LINEARITY,PRECISION----- ± 12 GREEN 3
 SPECIAL MACHINED SHAFT



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



MODEL NO.'S.

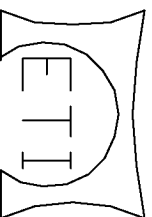
SHAFT STYLES

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