

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

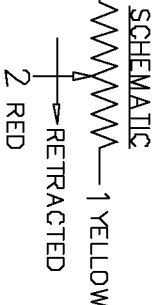
MECHANICAL STROKE-----.472
STOP STRENGTH-----APPROX. 2 POUNDS
LIFE EXPECTANCY-----20,000,000 STROKES
WEIGHT APPROX.-----0.2 OZS.
MARKINGS-----ETI SYSTEMS
P/N LCP8-10
RESISTANCE-----
SPRING RETURN-----RETRACTED, APPROX. 230GRAMS
FORCE WHEN APPLICABLE-----EXTENDED, APPROX. 57GRAMS

ENVIRONMENTAL

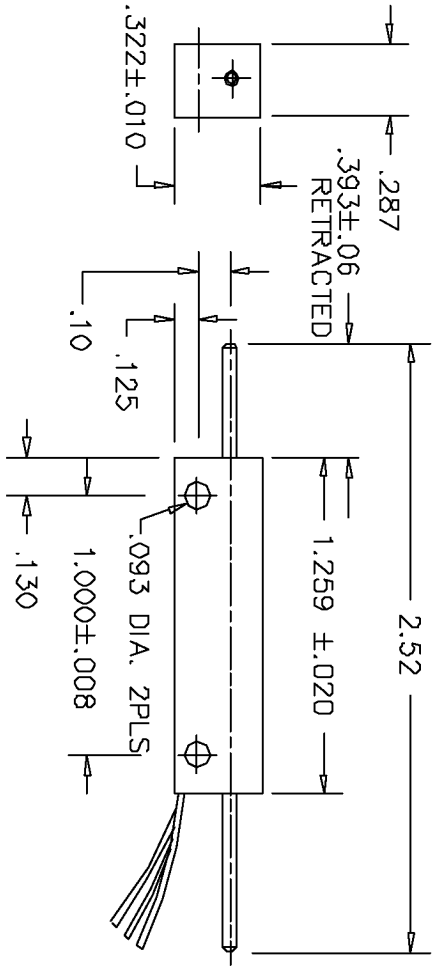
SHOCK-----50G, 11ms
VIBRATION-----10HZ TO 2000HZ 15G
OPERATING TEMPERATURE RANGE-----30° C TO +105° C
TEMPERATURE COEFFICIENT-----±400 PPM /°C

OPTIONS

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

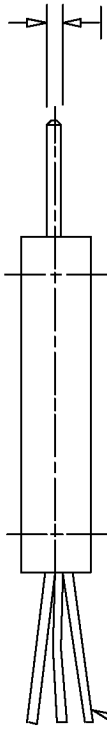


REV.	BY	DATE	PART NO.
K	BT	11-25-98	LCP8-10



.079 DIA+0/-.001

INSULATED LEADWIRES 6" ±1/2"



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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CARLSBAD
SYSTEMS
CALIFORNIA

TOLERANCES

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

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

LINEAR MOTION
POTENTIOMETER

PART NO.

LCP8-10

ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.