

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

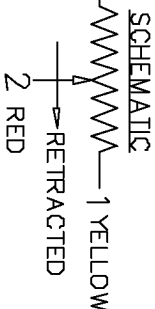
MECHANICAL STROKE-----.472
STOP STRENGTH-----APPROX. 2 POUNDS
LIFE EXPECTANCY-----20,000,000 STROKES
WEIGHT APPROX.-----0.2 OZS.
MARKINGS-----ETI SYSTEMS
P/N LCP8-10
RESISTANCE-----
SPRING RETURN-----RETRACTED, APPROX. 230GRAMS
FORCE WHEN APPLICABLE-----EXTENDED, APPROX. 57GRAMS

ENVIRONMENTAL

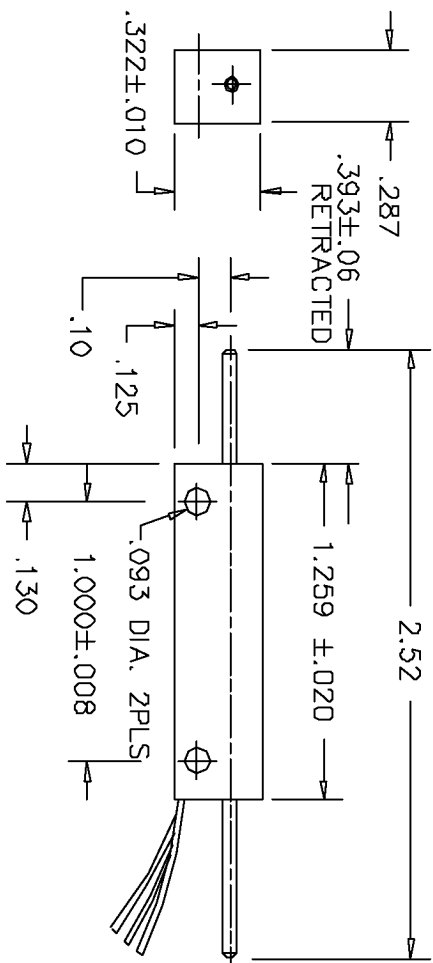
SHOCK-----50G, 11ms
VIBRATION-----10HZ TO 2000HZ 15G
OPERATING TEMPERATURE RANGE-----30° C TO +105° C
TEMPERATURE COEFFICIENT-----±400 PPM /°C

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

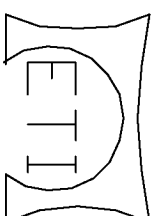
INSULATED LEADWIRES 6" ±1/2"

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)

THIS DOCUMENT CONTAINS PROPRIETARY DATA OF POLARIS INDUSTRIAL ENTERPRISES, INC. NO DISCLOSURE, REPRODUCTION, OR USE OF ANY PART THERE OF MAY BE MADE EXCEPT BY WRITTEN PERMISSION.



CARLSBAD
SYSTEMS
CALIFORNIA

TOLERANCES

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

ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

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

LINEAR MOTION
POTENTIOMETER

PART NO.

LCP8-10