

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

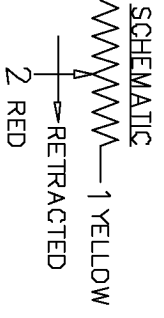
MECHANICAL STROKE-----.472
 STOP STRENGTH-----APPROX. 2 POUNDS
 LIFE EXPECTANCY-----20,000,000 STROKES
 WEIGHT APPROX.-----0.2 OZS.
 MARKINGS-----ETI SYSTEMS
 P/N LCP8-10
 RESISTANCE-----
 SPRING RETURN-----RETRACTED, APPROX. 230GRAMS
 FORCE WHEN APPLICABLE-----EXTENDED, APPROX. 57GRAMS

ENVIRONMENTAL

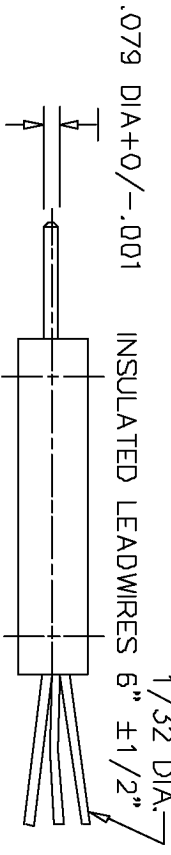
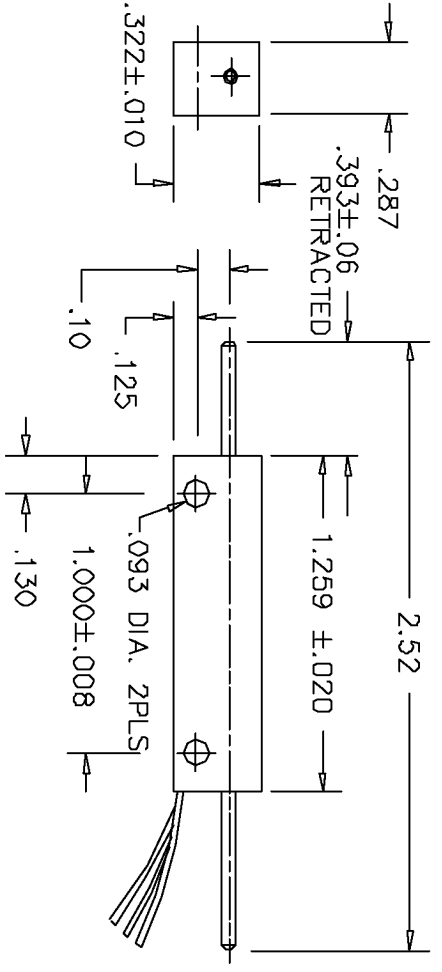
SHOCK-----50g, 11ms
 VIBRATION-----10HZ TO 2000HZ 15G
 OPERATING TEMPERATURE RANGE-----30° C TO +105° C
 TEMPERATURE COEFFICIENT-----±400 PPM /°C

OPTIONS

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



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



MODEL NO.'S.

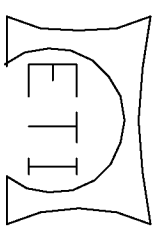
SHAFT STYLES

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

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.

TITLE

LINEAR MOTION
 POTENTIOMETER



CARLSBAD
 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	
APPR'VD	BT

CODE IDENT:
 19477

PART NO.

LCP8-10