

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

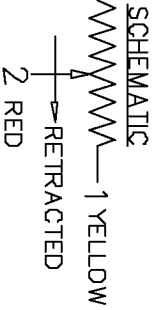
MECHANICAL STROKE-----.472
 STOP STRENGTH-----APPROX. 2 POUNDS
 LIFE EXPECTANCY-----20,000,000 STROKES
 WEIGHT APPROX.-----0.2 OZS.
 MARKINGS-----ETI SYSTEMS
 P/N LCP8-10
 RESISTANCE-----
 SPRING RETURN-----RETRACTED, APPROX. 230GRAMS
 FORCE WHEN APPLICABLE-----EXTENDED, APPROX. 57GRAMS

ENVIRONMENTAL

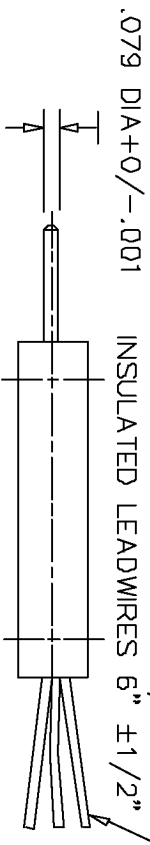
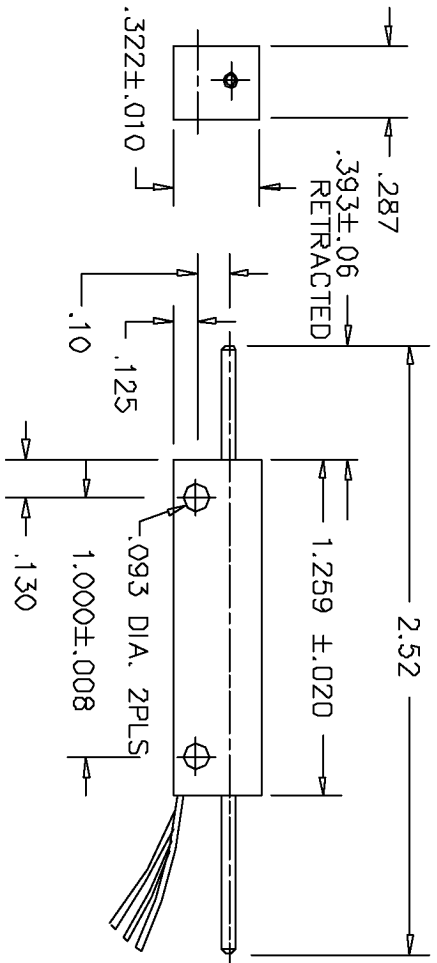
SHOCK-----50g, 11ms
 VIBRATION-----10HZ TO 2000HZ 15G
 OPERATING TEMPERATURE RANGE-----30° C TO +105° C
 TEMPERATURE COEFFICIENT-----±400 PPM /°C

OPTIONS

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



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



MODEL NO.'S.

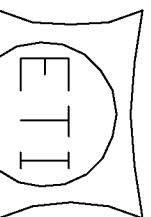
SHAFT STYLES

| | | | |
|----------|-----|--|-----------------------------|
| 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 |

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

ETI Systems:

[LCP8P-10-10K](#) [LCP8P-10-1K](#) [LCP8P-10-5K](#) [LCP8S-10-10K](#) [LCP8S-10-1K](#) [LCP8S-10-5K](#) [LCP8T-10-10K](#) [LCP8T-10-1K](#) [LCP8T-10-5K](#) [LCP8P-10-20K](#)