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REV.	BY	DATE	APPRVL.	REV. NOTE:	P/N
M	BT	03/27/00		ADDED NOTE:	LCP12

SPECIFICATIONS

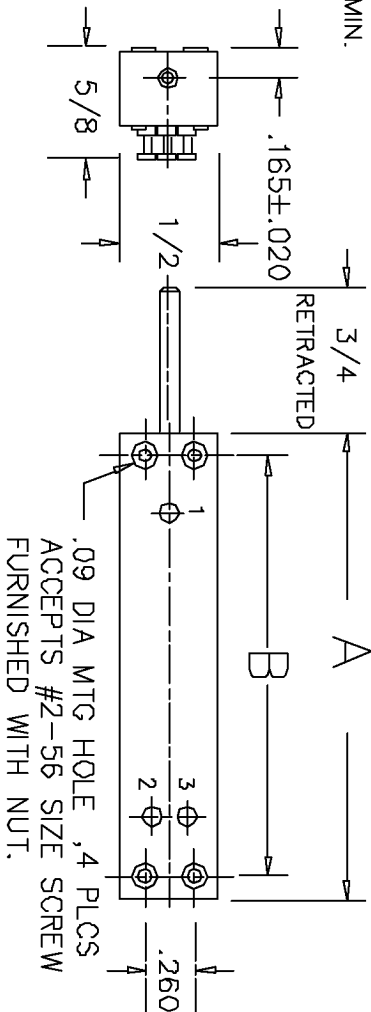
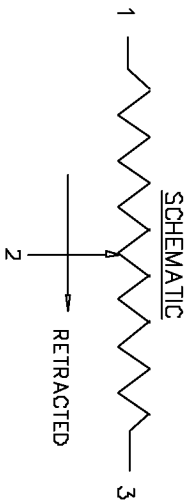
RESOLUTION ----- INFINITE
OUTPUT SMOOTHNESS ----- LESS THAN 0.1% INPUT VOLTAGE
CONTACT RESIST. VARIATION ----- LESS THAN 2%
DIELECTRIC STRENGTH ----- 500 VAC MIN.
INSULATION RESISTANCE ----- 1000 MEGOHMS AT 500 VDC MIN.
FRICTION ----- 1.8 oz. (3.6 oz FOR LCP12-100)
STOP STRENGTH ----- 20 OZ. MIN.,
RESISTANCE TEMPCO ----- ± 400 PPM/ $^{\circ}$ C
WEIGHT ----- 10 TO 35 GRAMS
LIFE EXPECTANCY ----- 20 MILLION STROKES

MATERIALS

BODY ----- ALUMINUM(BLACK ANODIZE)
LID ----- HIGH TEMP. PLASTIC
SHAFT ----- STAINLESS STEEL
TERMINALS ----- BRASS GOLD PLATED
RESISTANCE ELEMENT ----- CONDUCTIVE PLASTIC

OPTIONS AVAILABLE

SPECIAL ENDED SHAFTS
SPECIAL RESISTANCE VALUES
SPECIAL LINEARITY
NON STANDARD STROKES
SPRING RETURNS

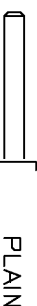


MODEL NO'S.

SHAFT STYLES

LCP12P-(STROKE)-(RES.)

(P)



PLAIN

LCP12A - " "

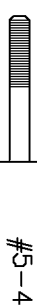
(A)



#4-40 THREAD

LCP12B - " "

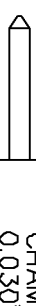
(B)



#5-40 THREAD

LCP12C - " "

(C)



CHAMFERED
0.030" DIA. X 45 $^{\circ}$

LCP12S - " "

(S)



SPRING RETURN

LCP12S-76 OR -100 (RES)

RETRACTED LENGTH OF SHAFT TO BE
1 1/4" FOR 3" & 4" STROKE SPRING RETURN.

NOTE: FOR SPRING RETURN WITH THREAD, SEE DWG. LCP12ST

MODEL NO.	LCP12-12	LCP12-25	LCP12-50	LCP12-76	LCP12-100
STD.RESIS. VALUES	500,1K,2K 5K,10K	500,1K,2K 5K,10K	500,1K,2K 5K,10K,20K	1K,2K,5K 10K,20K	1K,2K,5K 10K,20K
RESISTANCE TOL.	$\pm 20\%$	$\pm 20\%$	$\pm 20\%$	$\pm 20\%$	$\pm 20\%$
LINEARITY (IND.)	$\pm 1.5\%$	$\pm 1.0\%$	$\pm 0.7\%$	$\pm 0.5\%$	$\pm 0.5\%$
POWER RATING	0.2 WATT	0.4 WATT	0.7 WATT	1.2 WATT	1.2 WATT
STROKE MECH+1-.0	1/2"	1"	2"	3"	4"
STROKE ELECT $\pm .02$					
'A' DIM ± 0.04	1.50	2.00	3.00	4.00	5.00
'B' DIM ± 0.02	1.26	1.77	2.75	3.76	4.76

TOLERANCES

XX = $\pm .010^{\circ}$ FRACT. = $\pm .1/64^{\circ}$
XXX = $\pm .005^{\circ}$ ANGLES = $\pm .1/2^{\circ}$
ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

SCALE	DATE: 3-29-86
NONE	BY
APP'VD	BT
CODE	IDENT: 19477



ETI SYSTEMS
CARLSBAD
CALIFORNIA

TITLE
LINEAR MOTION
POTENTIOMETER

PART NO.

LCP12

Mouser Electronics

Authorized Distributor

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

ETI Systems:

[LCP12A-25-10K](#) [LCP12A-50-10K](#) [LCP12A-50-5K](#) [LCP12B-25-5K](#) [LCP12B-50-10K](#) [LCP12B-50-5K](#) [LCP12S-100-10K](#) [LCP12S-100-2K](#) [LCP12S-12-10K](#) [LCP12S-25-10K](#) [LCP12S-25-1K](#) [LCP12S-25-5K](#) [LCP12S-50-10K](#) [LCP12A-25-5K](#) [LCP12A-76-1K](#) [LCP12B-25-10K](#) [LCP12A-12-1K](#) [LCP12A-12-5K](#) [LCP12A-100-10K](#) [LCP12Y-12-5K](#) [LCP12Y-12-10K](#) [LCP12Y-25-5K](#) [LCP12Y-25-10K](#) [LCP12Y-50-5K](#) [LCP12Y-50-10K](#) [LCP12Y-100-5K](#) [LCP12Y-100-10K](#) [LCP12P-12-10K](#) [LCP12ST-50-1K](#) [LCP12A-50-1K](#) [LCP12S-50-1K](#)