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

SPECIFICATIONS

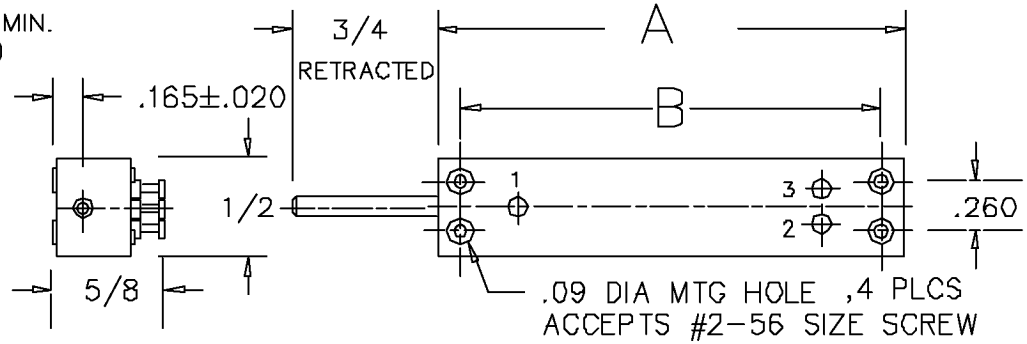
RESOLUTION	INFINITE
OUTPUT SMOOTHNESS	LESS THAN 0.1% INPUT VOLTAGE
CONTACT RESIST. VARIATION	LESS THAN 2%
DIELECTRIC STRENGTH	500 VAC MIN.
INSULATION RESISTANCE	1000 MEGOHMS AT 500 VDC MIN.
FRICTION	1.8 oz. (3.6 oz FOR LCP12-100)
STOP STRENGTH	20 OZ. MIN..
RESISTANCE TEMPCO	±400 PPM/°C
WEIGHT	10 TO 35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

MATERIALS

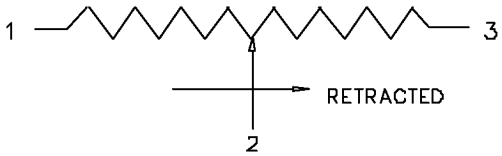
BODY	ALUMINUM(BLACK ANODIZE)
LID	HIGH TEMP. PLASTIC
SHAFT	STAINLESS STEEL
TERMINALS	BRASS GOLD PLATED
RESISTANCE ELEMENT	CONDUCTIVE PLASTIC

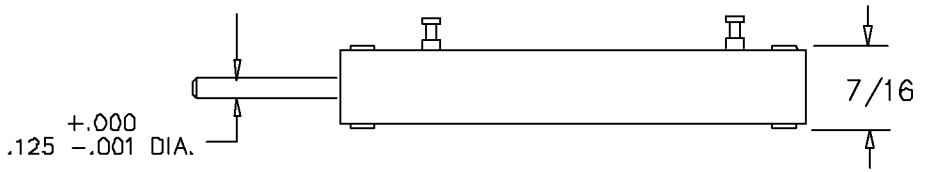
OPTIONS AVAILABLE

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



SCHEMATIC



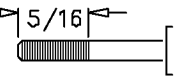


MODEL NO.	LCP12-12	LCP12-25	LCP12-50	LCP12-76	LCP12-100
STD.RESIS.VALUES	500,1K,2K 5K,10K	500,1K,2K 5K,10K	500,1K,2K 5K,10K,20K	1K,2K,5K 10K,20K	1K,2K,5K 10K,20K
RESISTANCE TOL. LINEARITY (IND.)	±20% ±1.5%	±20% ±1.0%	±20% ±0.7%	±20% ±0.5%	±20% ±0.5%
POWER RATING	0.2 WATT	0.4 WATT	0.7 WATT	1.2 WATT	1.2 WATT
STROKE MECH+.1-.0 STROKE ELECT ±.02	1/2"	1"	2"	3"	4"
'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

MODEL NO'S.

LCP12P-(STROKE)-(RES.)	(P)	PLAIN
LCP12A - " "	(A)	#4-40 THREAD
LCP12B - " "	(B)	#5-40 THREAD
LCP12C - " "	(C)	CHAMFERED 0.030"DIA. X 45°
LCP12S - " "	(S)	SPRING RETURN

SHAFT STYLES



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

TOLERANCES
XX = +/- .010" FRACT. = +/- 1/64"
XXX= +/- .005" ANGLES = +/- 1/2"
ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

SCALE NONE | DATE: 3-29-86 | BY | APPRV'D BT | CODE IDENT: 19477

ETI SYSTEMS
CARLSBAD CALIFORNIA

TITLE
LINEAR MOTION POTENTIOMETER

PART NO.
LCP12