

ETI SYSTEMS Linear Potentiometers and Joysticks



RoHS Compliant This product is RoHS compliant.

CONDUCTIVE PLASTIC PRECISION LINEAR MOTION POTENTIOMETERS

LCP12 Series

- Black Anodized Aluminum Body, Stainless Steel Shaft, Gold Plated Terminals
- Life Expectancy: 20 million strokes
- Resistance Tolerance: ±20% (±10% Available)
- Electrical Stroke: 1" to 4"
- Friction: 1.8 oz.

For quantities of 25 and up, call for quote.

MOUSER STOCK NO.	ETI Systems Part No.	Fig.	Ohms	Shaft Type	Stroke (mm)	Linearity (Ind.)	Power Rating	Dimensions: In.		Price Each		
								A	B	1	5	10
882-LCP12S-12-10K	LCP12S-12-10K	A	10K	Spring Return	12	±1.5%	0.2W	1.50	1.26	132.35	122.17	114.29
882-LCP12B-25-5K	LCP12B-25-5K	A	5K	#5-40 Thread	25	±1.0%	0.4W	2.00	1.77	131.58	124.87	116.81
882-LCP12S-25-1K	LCP12S-25-1K	A	1K	Spring Return	25	±1.0%	0.4W	2.00	1.77	169.13	155.01	147.65
882-LCP12S-25-10K	LCP12S-25-10K	A	10K	Spring Return	25	±1.0%	0.4W	2.00	1.77	169.13	155.01	147.65
882-LCP12A-50-5K	LCP12A-50-5K	A	5K	#4-40 Thread	50	±0.7%	0.7W	3.00	2.75	158.20	149.96	140.30
882-LCP12A-50-10K	LCP12A-50-10K	A	10K	#4-40 Thread	50	±0.7%	0.7W	3.00	2.75	158.20	149.96	140.30
882-LCP12B-50-5K	LCP12B-50-5K	A	5K	#5-40 Thread	50	±0.7%	0.7W	3.00	2.75	158.20	149.96	140.30
882-LCP12B-50-10K	LCP12B-50-10K	A	10K	#5-40 Thread	50	±0.7%	0.7W	3.00	2.75	158.20	149.96	140.30
882-LCP12S-50-10K	LCP12S-50-10K	A	10K	Spring Return	50	±0.7%	0.7W	3.00	2.75	200.69	191.09	179.26
882-LCP12S-100-10K	LCP12S-100-10K	A	10K	Spring Return	100	±0.5%	1.2W	5.00	4.76	312.91	296.32	288.14

LCP8 Series

- Life Expectancy: 20 million strokes
- Electrical Stroke: 0.433 - 0.500 inches
- Resistance Tolerance: ±15% (±10% Available)
- Friction: 30 grams

For quantities of 25 and up, call for quote.

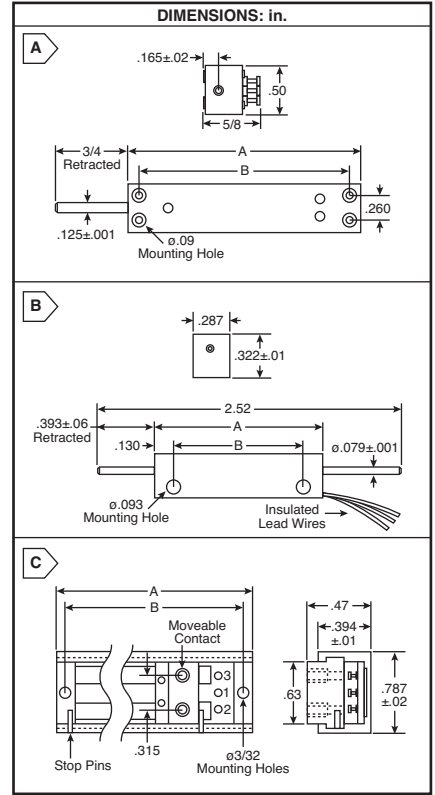
MOUSER STOCK NO.	ETI Systems Part No.	Fig.	Ohms	Shaft Type	Stroke (mm)	Linearity (Ind.)	Power Rating	Dimensions: In.		Price Each		
								A	B	1	5	10
882-LCP8P-10-5K	LCP8P-10-5K	B	5K	Plain	10	±2.0%	0.2W	1.259	1.00	50.33	45.27	41.50
882-LCP8P-10-10K	LCP8P-10-10K	B	10K	Plain	10	±2.0%	0.2W	1.259	1.00	50.33	45.27	41.50
882-LCP8S-10-5K	LCP8S-10-5K	B	5K	Spring Return	10	±2.0%	0.2W	1.259	1.00	64.14	59.73	56.31
882-LCP8S-10-10K	LCP8S-10-10K	B	10K	Spring Return	10	±2.0%	0.2W	1.259	1.00	64.14	59.73	56.31
882-LCP8T-10-10K	LCP8T-10-10K	B	10K	#2-56 Thread UNC-2A	10	±2.0%	0.2W	1.259	1.00	64.14	59.73	56.31

LCPL SERIES: OPEN FRAME LINEAR POTENTIOMETERS

- Conductive Plastic Element
- Open Frame with Moveable Contact Slider
- Anodized Aluminum Housing, Gold Plated Brass Terminals
- Life Expectancy: 10 million strokes
- Resistance Tolerance: ±20% (±10% Available)
- Electrical Stroke: 7.874" to 39.567"

For quantities of 25 and up, call for quote.

MOUSER STOCK NO.	ETI Systems Part No.	Fig.	Ohms	Linearity (Independent)	Power Rating	Stroke (mm)	Dimensions: In.		Price Each		
							A	B	1	5	10
882-LCPL200-5K	LCPL200-5K	C	5K	±0.5%	2.0 Watts	200	9.843	13.780	157.73	150.51	139.24
882-LCPL300-10K	LCPL300-10K	C	10K	±0.5%	2.5 Watts	300	9.450	13.386	168.15	156.30	145.04



Precision Pots

ETI Systems

DIMENSIONS: in.

A

- 24° deflection angle (±12°)
- Capable of 4-way or 8-way directional switching
- Single axis and plus (+) pattern limiter plates included
- Four 5 amp/250VAC SPST directional switches

B

- 55° deflection angle (±27.5°)
- 5KΩ 340° potentiometer
- Square deflection pattern

C

- 60° deflection angle (±30°)
- Panel mounting bracket
- Circular deflection pattern
- 10KΩ precision potentiometer

D

- 40° deflection angle (±20°)
- 10KΩ precision potentiometer

E

Electrical Specifications:

- Current consumption: approx. 6mA
- Applied Voltage 5VDC ±10%
- 0.5V to 4.5V output
- Linearity (independent): ±3.0%
- Lever Electrical Angle X, Y Axis: 30° Max.
- Lever Electrical Angle Z Axis: 60° Max.

Mechanical Specifications:

- 30° deflection angle (±15°)
- Z axis twist knob (±30°)
- IP54 Rating
- Housing material: High temp. thermoplastic

F

- IP54 rating
- 30° deflection angle (±15°)
- 10KΩ precision potentiometer
- Fingertip Joystick

G

Electrical Specifications:

- Current consumption: approx. 7mA
- Applied Voltage 5VDC ±10%
- 0.5V to 4.5V output
- Linearity (independent): ±3.0%
- Lever Electrical Angle: 30° Max.

Mechanical Specifications:

- IP65 Rating
- ±15° from center deflection angle
- Life expectancy: 5 million operations
- Housing material: High temp. thermoplastic

HIGH PRECISION JOYSTICK CONTROLS

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MOUSER STOCK NO.	ETI Systems Part No.	Fig.	Description	Price Each			MOUSER STOCK NO.	ETI Systems Part No.	Fig.	Description	Price Each		
				1	5	10					1	5	10
882-J1-00105	J1-00105	A	Two Axis	34.87	32.83	31.17	882-J30H-XYZ-B	J30H-XYZ-B	E	Triple Axis Hall-Effect	224.56	204.75	195.85
882-J4-00211	J4-00211	B	Two Axis	180.72	170.47	161.35	882-J3R-I-10K	J3R-I-10K	F	Rocker Pot Single Axis	132.49	123.66	114.83
882-J50-CR20-S	J50-CR20-SMB	C	Two Axis	580.64	563.22	545.80	882-J3R-IT-10K	J3R-IT-10K	F	Rocker Pot Single Axis	156.43	141.69	136.78
882-J3L-IA10-SB	J3L-IA10-SB	D	Wide Angle Single Axis	141.91	128.90	124.25	882-J3RH-S-1	J3RH-S-1	G	Rocker Pot Hall-Effect	136.78	123.15	116.28