

# LCP-10/LCP-20

## SHORT STROKE CONDUCTIVE PLASTIC POTENTIOMETERS

### RoHS & Reach Compliance

Keeping in line with the policy of pioneering to manufacture potentiometer with 100% own technology, Pankaj introduces Short Stroke Conductive Plastic Potentiometer.

#### FEATURES

- 20 mm square housing made of strong glass reinforced engineering plastic
- 5 mm Diameter spring return plunger
- Flange mounting
- 10 mm or 20 mm Electrical travel
- Gold plated PCB
- 2.54 mm relimate connector
- Gold Plated PCB Terminals
- Gold plated wiper contact
- Long life
- Infinite resolution
- With Switch



#### Electrical Specifications

|                       |                                          |
|-----------------------|------------------------------------------|
| Resistance Values     | 1K, 5K & 10 K $\Omega$                   |
| Resistance Tolerance  | $\pm 25\%$                               |
| Linearity             | $\pm 1\%$                                |
| Stroke Length         | Mech: 12 mm/22 mm, Electrical : 10/20 mm |
| Stroke Life           | 1 Million cycles                         |
| Operating Temperature | 0°C to 70°C                              |
| Output Curve          | Linear                                   |
| H. V. Test            | 500 VAC for 1 minute                     |

#### Mechanical Specifications

|                  |                             |
|------------------|-----------------------------|
| Housing          | 20 mm Square                |
| Housing Length   | 43 mm                       |
| Plunger Diameter | 5 mm                        |
| Flange Mounting  | Two holes 5 mm dia. @ 35 mm |
| Pilot Diameter   | 8 mm x 3 mm Thick           |



# LCP-10/LCP-20

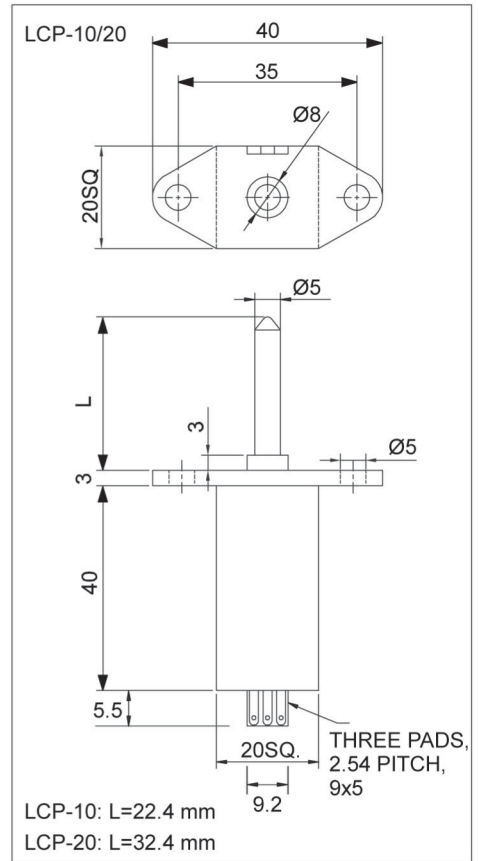
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#### Product Images



#### Dimensional Diagram



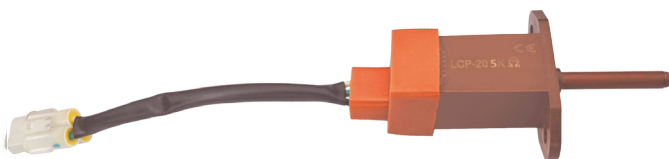
#### Applications

- ♦ Linear Sensing,
- ♦ Foot/hand operated actuators,
- ♦ Automotive,
- ♦ Switch gears,
- ♦ Feedback Controls viz.: Displacement, Pressures in hydraulics & pneumatics,
- ♦ Variable limit switch,
- ♦ Variable brakes sensor & many more.

#### Ordering Information

#### Example: LCP-10 or LCP-20, 1K

| Model No. | Stroke Length | Resistance Value in ohm |
|-----------|---------------|-------------------------|
| LCP-10    | 10 mm         | 1K, 5K, 10K             |
| LCP-20    | 20 mm         |                         |



LCP-20  
CUSTOMISED WITH WIRES & CONNECTOR

