



Feature

- 1.High reliability
- 2.Simple construction (only 4 component parts)
- 3.ROHS compliant and lead free wave soldering.
- 4.Long life, over 100,000Cycles.

FSE11 Series position sensor

Electrical characteristics

- Resistance Range.....1K~100K
- Total resistance tolerance.....+/-20%
- Taper style.....B taper
- Power rated.....0.2W @50° C
- Independent Linearity.+/-2%
- 6.Max. Voltage..... DC30V
- 7.Contact noise.....Within 10%TR

Mechanical characteristics

- Mechanical travel8mm
- Electrical travel.....6.4mm
- Rotational Torque.....200 gf.cm Max.
- Push Pull strength of lever.....push: 5Kg Min; pull: 2Kg Min .
- Stopper strength.3Kg Min, 5Sec.

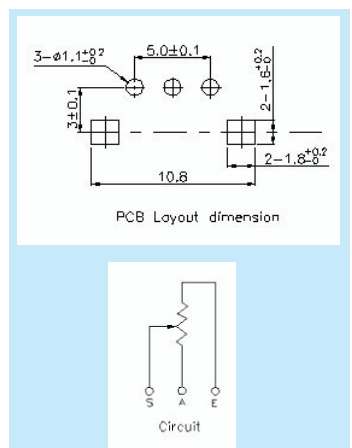
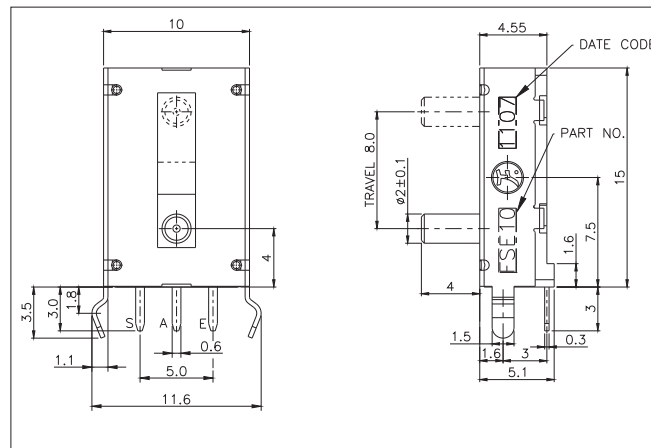
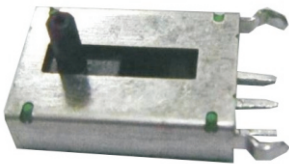
Typical Applications

- Automotive seat position memory.
- Automotive Headlamp levelling position sensors.
- Automotive rear-view mirror position sensors.

Environmental characteristics

- Storage temperature.....-40°C to +105°C
- Operating temperature.....-40°C to +105°C
- Life cycles.....100,000 Cycles Min
- Heat resistance.....+105±2°C, 96H
△TR:±20%,Linearity:±3%
- Cold resistance.....+40±3°C, 96H
△TR:±20%,Linearity:±3%
- Humidity resistance.....40±2°C, 90~95RH,96H
△TR:±20%,Linearity:±3%
- Temperature cycles.....-40°C~+105°C, 5cycles
△TR:±20%,Linearity:±3%

FSE110101



HOW TO ORDER

