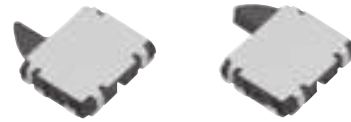


ESE58 Detector Switches

Type: **ESE58**



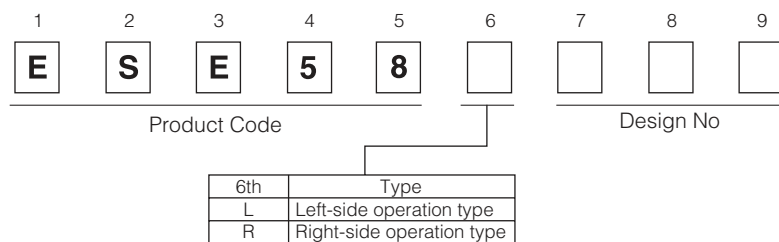
■ Features

- Thin body: 0.9 mm.
- Circuit type: Normally-open and normally-closed types are available.
- Lineup with variations in right-left operations.

■ Recommended Applications

- Detection of media in portable electronic equipment (Mobile phones/Digital still cameras/DVCs, etc.)

■ Explanation of Part Numbers

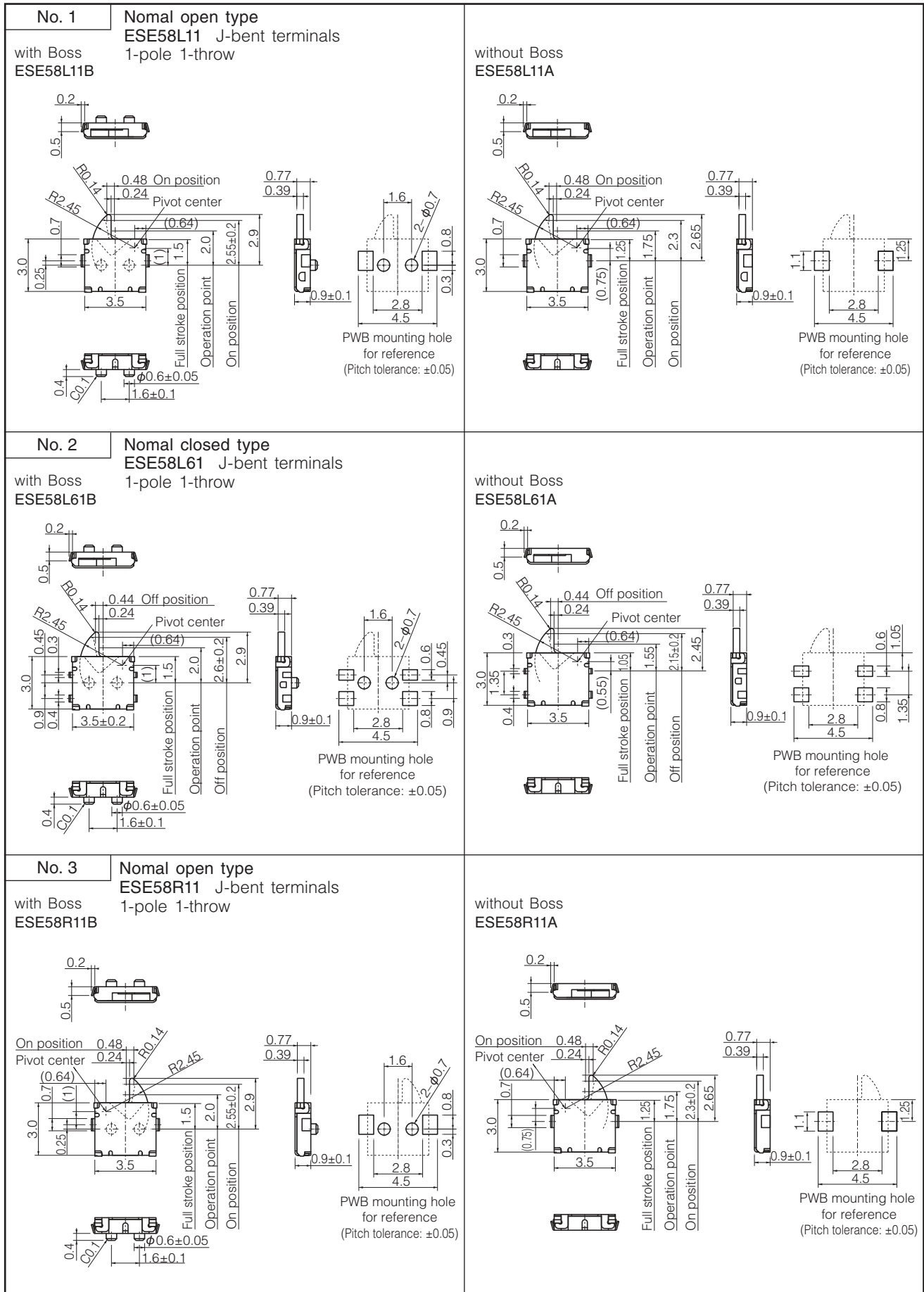


■ Specifications

| | |
|---------------------------------|--|
| Rating | 50 μ A 3 V DC to 10 mA 5 V DC (Resistive load) |
| Contact Resistance | 500 m Ω max. (Initial) |
| Insulation Resistance | 100 M Ω min. (at 100 V DC for 1 minute) |
| Dielectric Withstanding Voltage | 100 V AC (50 Hz or 60 Hz) for 1 minute |
| Operating Force | 350 mN max. |
| Mounting Height | 0.9 mm |
| Poles and Throws | 1-pole 1-throw |
| Full Travel (Pushing distance) | With boss : 1.5 mm (1.5 mm) Without boss : 1.25 mm (1.5 mm) |
| Operating Life | 50,000 cycles min. |
| Temperature Range | -10 $^{\circ}$ C to +60 $^{\circ}$ C (Standard), -40 $^{\circ}$ C to +85 $^{\circ}$ C (Automotive) |
| Heat Resistance | +70 $^{\circ}$ C for 96 hours |
| Low Temperature Resistance | -25 $^{\circ}$ C for 96 hours |
| Humidity Resistance | +40 $^{\circ}$ C 90 % to 95 % RH for 96 hours |
| Minimum Quantity/Packing Unit | 5,000 pcs. Embossed Taping (Reel Pack) |
| Quantity/Carton | 30,000 pcs. |

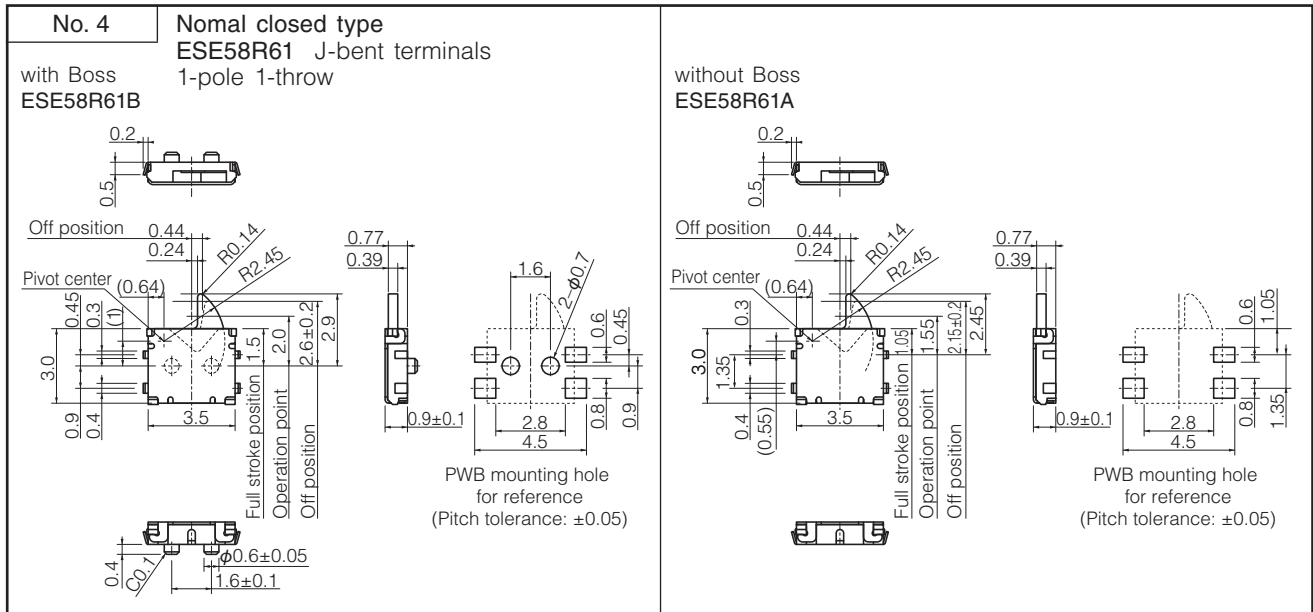
Design and specifications are each subject to change without notice. Ask factory for the current technical specifications before purchase and/or use. Should a safety concern arise regarding this product, please be sure to contact us immediately.

■ Dimensions in mm (not to scale)

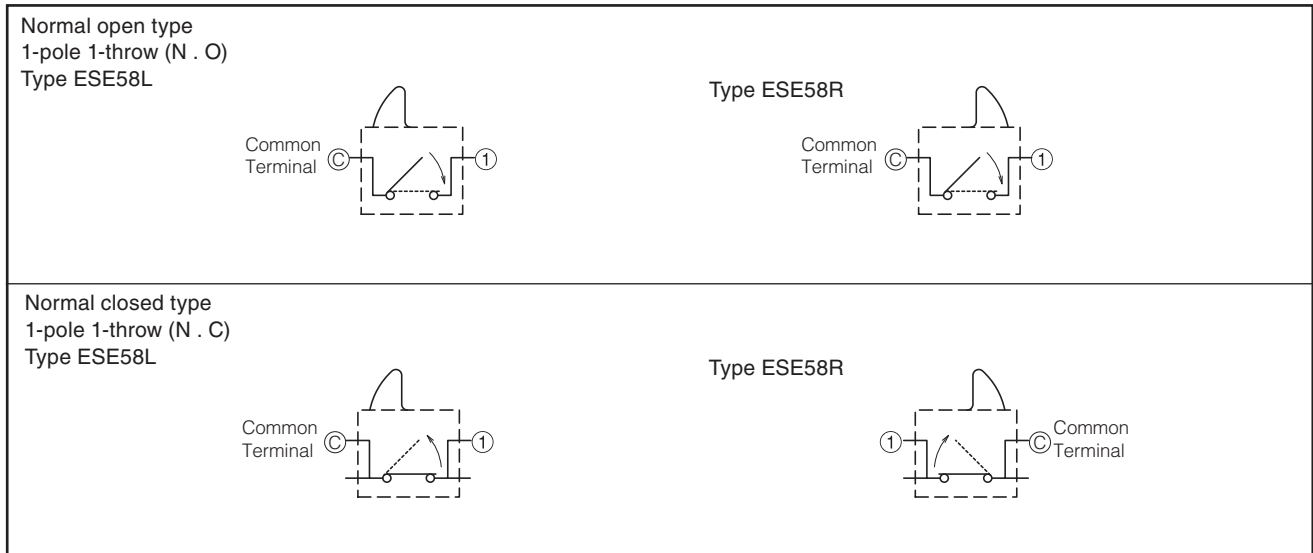


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■ Dimensions in mm (not to scale)

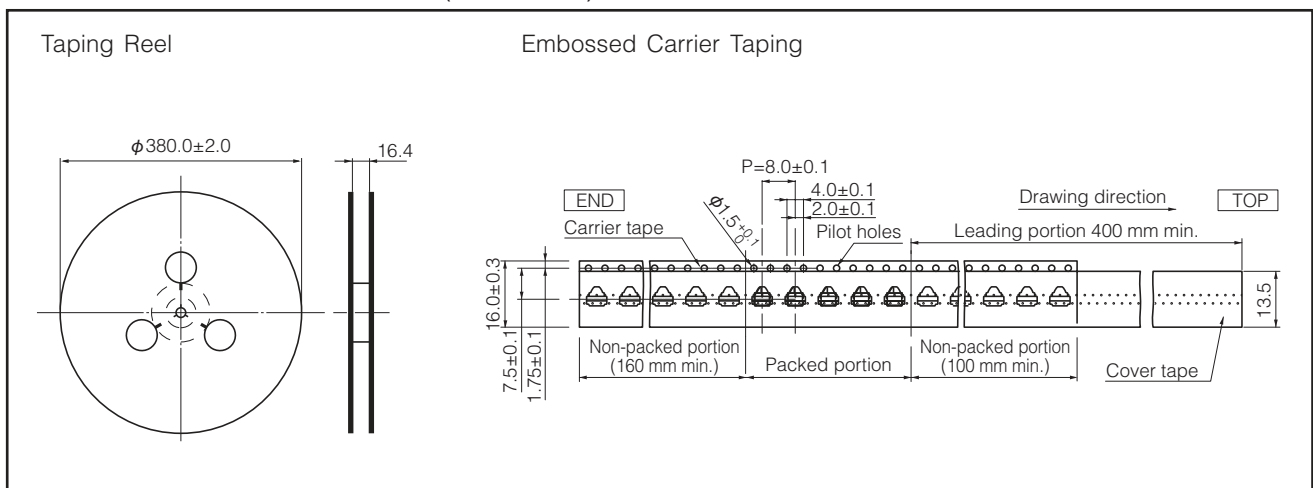


■ Circuit Diagram



■ Packaging Specifications

Standard Reel Dimensions in mm (not to scale)



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