

### ESE58 Detector Switches

Type: **ESE58**



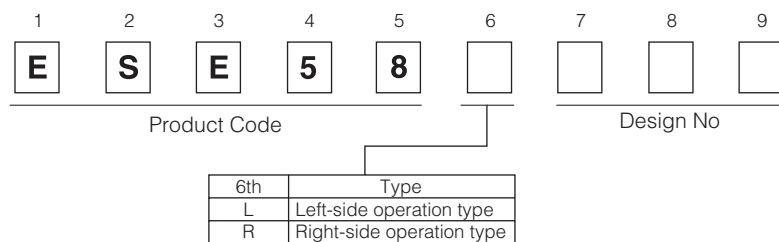
#### ■ Features

- 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

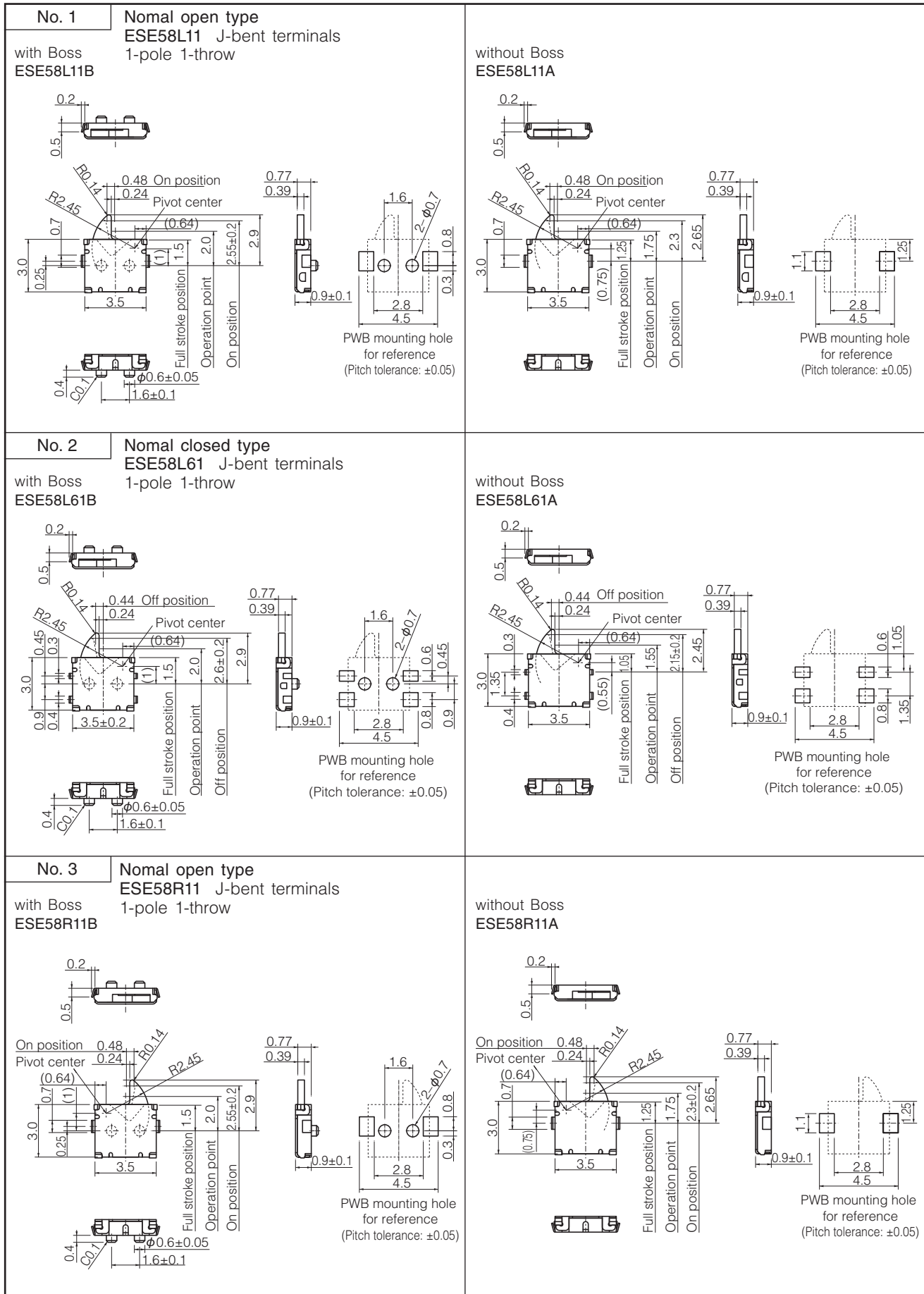


#### ■ Specifications

Rating	50 $\mu$ A 3 V DC to 10 mA 5 V DC (Resistive load)
Contact Resistance	500 m $\Omega$ max. (Initial)
Insulation Resistance	100 M $\Omega$ 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.

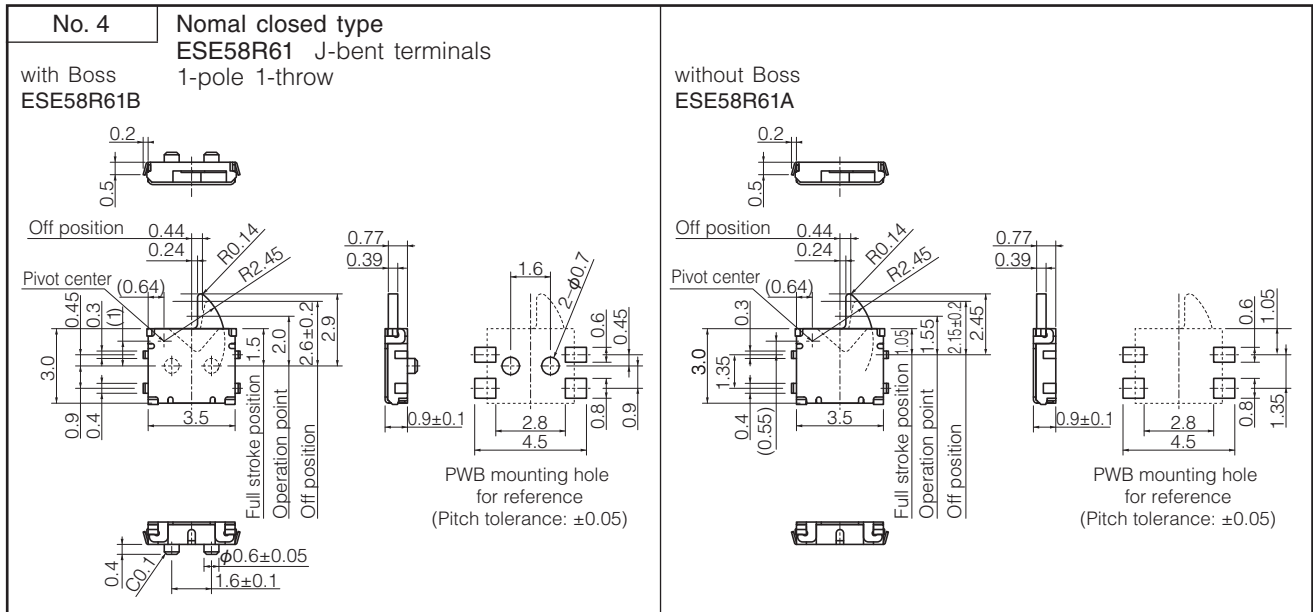
Design and specifications are each subject to change without notice. Ask factory for the current technical specifications before purchase and/or use. Should a safety concern arise regarding this product, please be sure to contact us immediately.

■ Dimensions in mm (not to scale)

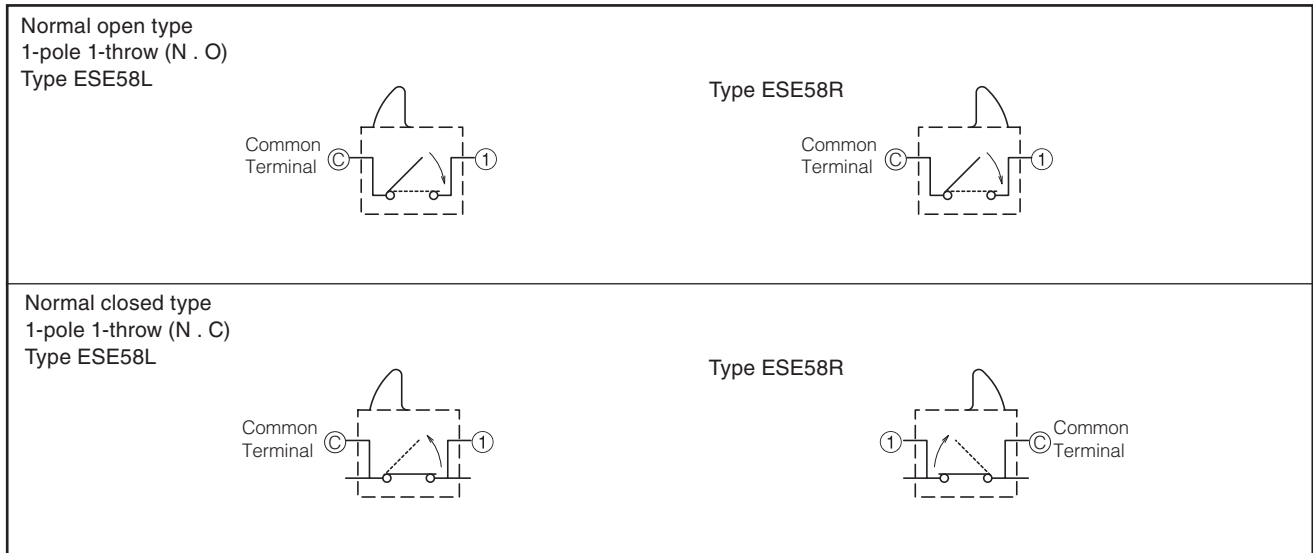


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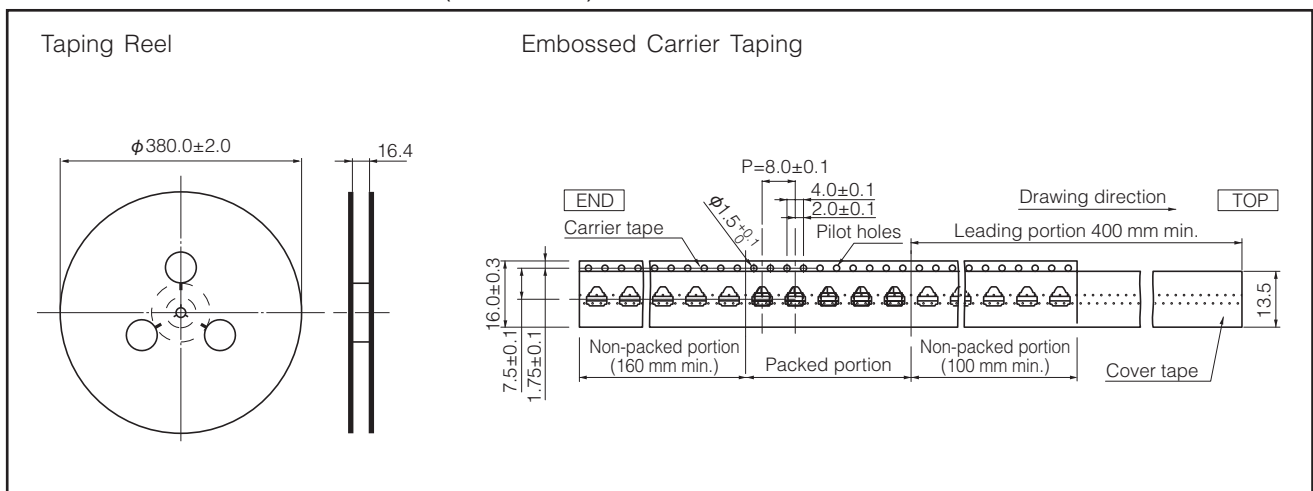


### ■ Circuit Diagram



### ■ Packaging Specifications

Standard Reel Dimensions in mm (not to scale)



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