

ESE58 Detector Switches

Type: **ESE58**



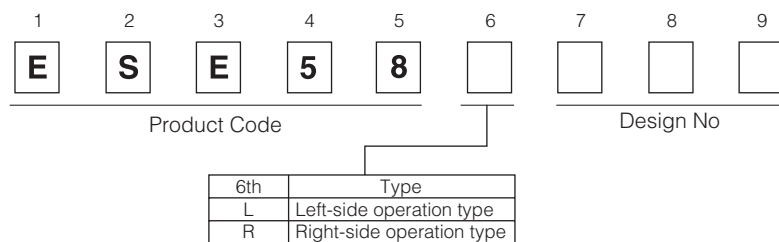
■ Features

- 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 (1.4 mm) Without boss : 1.25 mm (1.4 mm)
Operating Life	50,000 cycles min.
Temperature Range	-10 °C to +60 °C (Standard)
Heat Resistance	+70 °C for 96 hours
Low Temperature Resistance	-25 °C for 96 hours
Humidity Resistance	+40 °C 90 % to 95 % RH for 96 hours
Minimum Quantity/Packing Unit	5,000 pcs. Embossed Taping (Reel Pack)
Quantity/Carton	30,000 pcs.

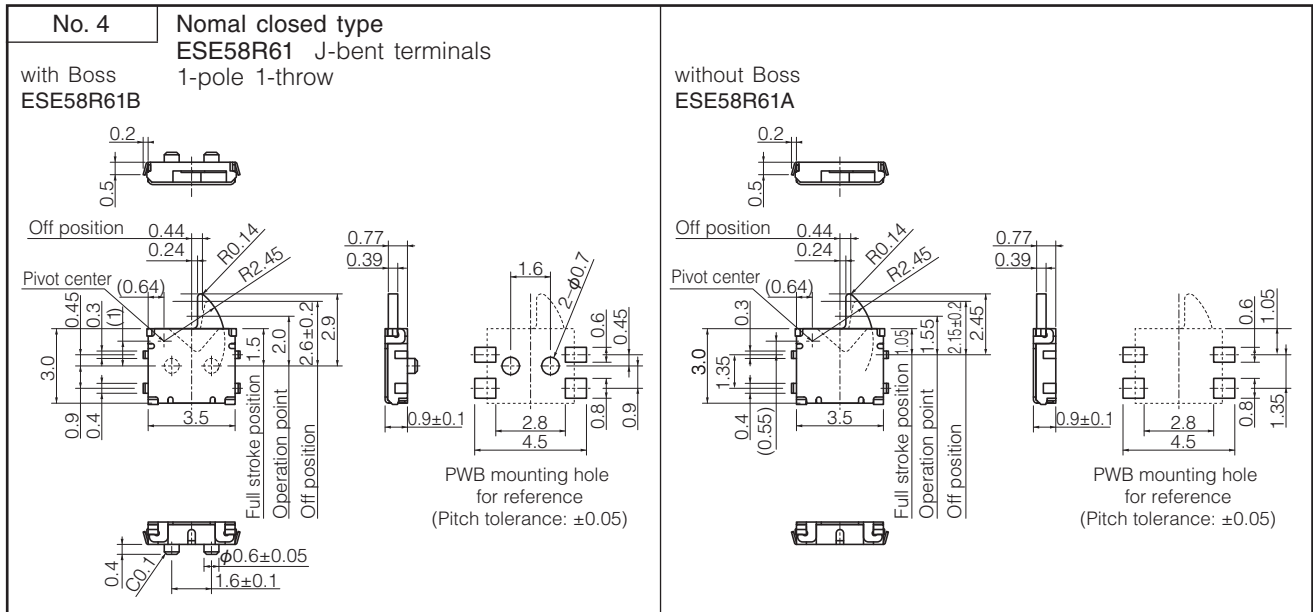
Design and specifications are each subject to change without notice. Ask factory for the current technical specifications before purchase and/or use. Should a safety concern arise regarding this product, please be sure to contact us immediately.

■ Dimensions in mm (not to scale)

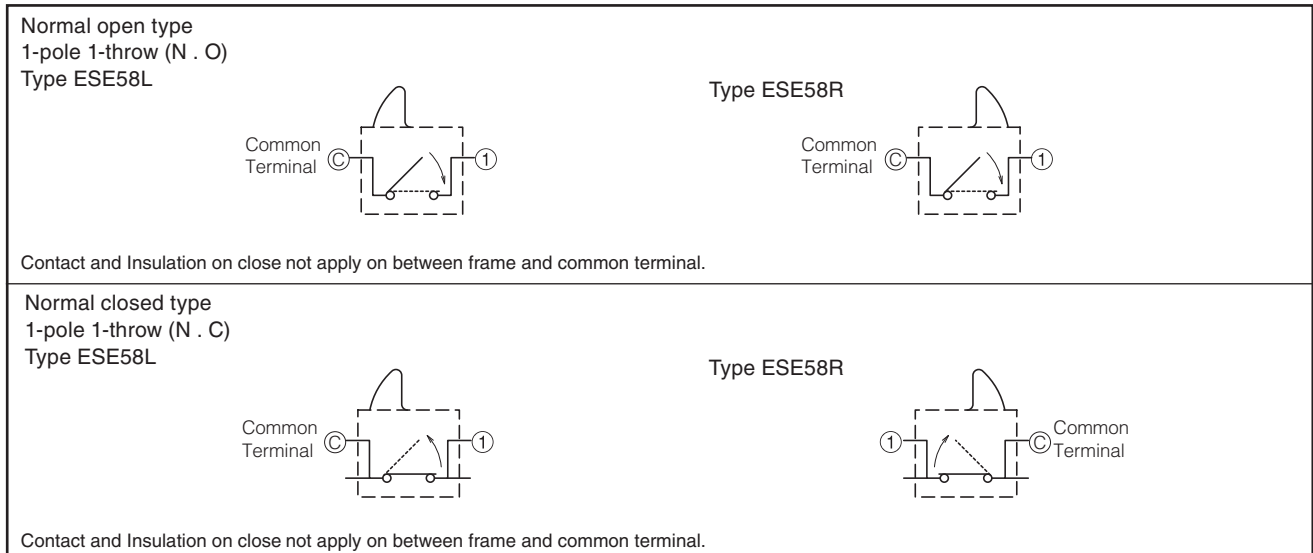
<p>No. 1 Nomal open type ESE58L11 J-bent terminals 1-pole 1-throw</p> <p>with Boss ESE58L11B</p> <p>0.2 0.5 0.48 On position 0.24 Pivot center (0.64) R0.14 R2.45 0.7 0.25 3.0 3.5 1.5 2.0 2.55±0.2 2.9 0.77 0.39 1.6 2-∅0.7 0.9±0.1 2.8 4.5 0.3 1.08 PWB mounting hole for reference (Pitch tolerance: ±0.05)</p> <p>0.4 C0.1 ∅0.6±0.05 1.6±0.1</p>	<p>without Boss ESE58L11A</p> <p>0.2 0.5 0.48 On position 0.24 Pivot center (0.64) R0.14 R2.45 0.7 3.0 3.5 1.25 1.75 2.3 2.65 0.77 0.39 0.9±0.1 2.8 4.5 1.1 1.25 PWB mounting hole for reference (Pitch tolerance: ±0.05)</p>
<p>No. 2 Nomal closed type ESE58L61 J-bent terminals 1-pole 1-throw</p> <p>with Boss ESE58L61B</p> <p>0.2 0.5 0.44 Off position 0.24 Pivot center (0.64) R0.14 R2.45 0.45 0.3 3.0 3.5±0.2 1.5 2.0 2.6±0.2 2.9 0.9 0.4 0.77 0.39 1.6 2-∅0.7 0.9±0.1 2.8 4.5 0.8 0.9 0.6 0.45 PWB mounting hole for reference (Pitch tolerance: ±0.05)</p> <p>0.4 C0.1 ∅0.6±0.05 1.6±0.1</p>	<p>without Boss ESE58L61A</p> <p>0.2 0.5 0.44 Off position 0.24 Pivot center (0.64) R0.14 R2.45 0.3 3.0 3.5 1.05 1.55 2.15±0.2 2.45 0.77 0.39 0.9±0.1 2.8 4.5 0.6 1.05 0.8 1.35 PWB mounting hole for reference (Pitch tolerance: ±0.05)</p>
<p>No. 3 Nomal open type ESE58R11 J-bent terminals 1-pole 1-throw</p> <p>with Boss ESE58R11B</p> <p>0.2 0.5 On position 0.48 Pivot center 0.24 (0.64) R0.14 R2.45 0.7 0.25 3.0 3.5 1.5 2.0 2.55±0.2 2.9 0.77 0.39 1.6 2-∅0.7 0.9±0.1 2.8 4.5 0.3 1.08 PWB mounting hole for reference (Pitch tolerance: ±0.05)</p> <p>0.4 C0.1 ∅0.6±0.05 1.6±0.1</p>	<p>without Boss ESE58R11A</p> <p>0.2 0.5 On position 0.48 Pivot center 0.24 (0.64) R0.14 R2.45 0.7 3.0 3.5 1.25 1.75 2.3±0.2 2.65 0.77 0.39 0.9±0.1 2.8 4.5 1.1 1.25 PWB mounting hole for reference (Pitch tolerance: ±0.05)</p>

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■ Dimensions in mm (not to scale)

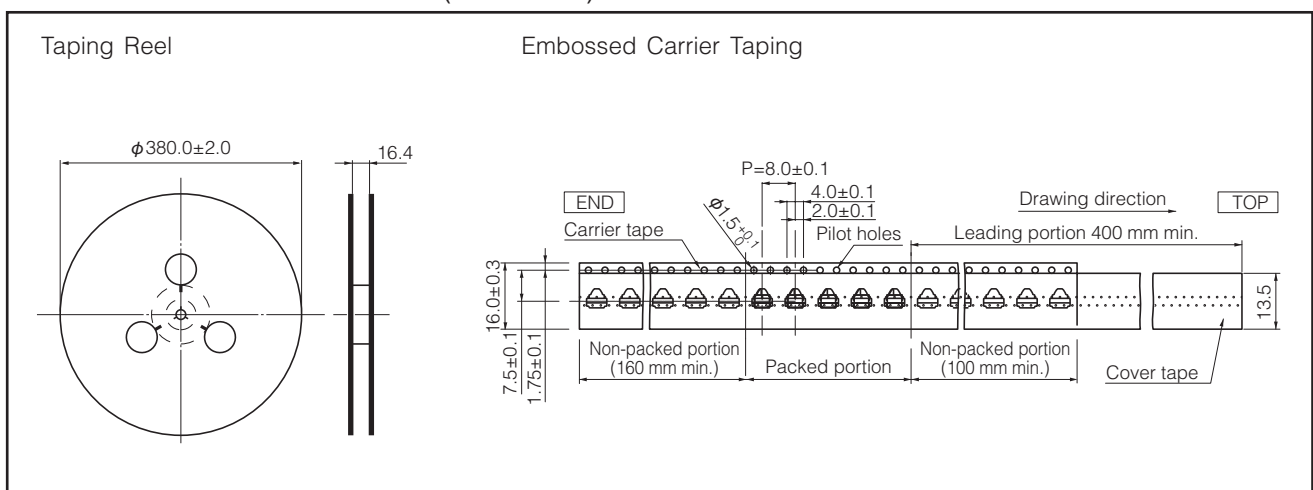


■ Circuit Diagram



■ Packaging Specifications

Standard Reel Dimensions in mm (not to scale)



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Requests to customers

Please refer to "the latest product specifications" when designing your product.

Requests to customers :

<https://industrial.panasonic.com/ac/e/salespolicies/>

Safety Precautions

When using our products, no matter what sort of equipment they might be used for, be sure to confirm the applications and environmental conditions with our specifications in advance.

Please contact

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