

ESE58 Detector Switches

Type: **ESE58**

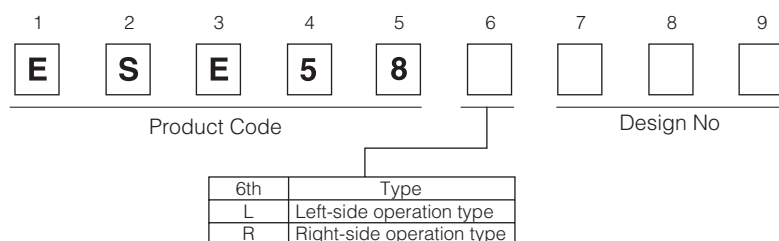
■ Features

- 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

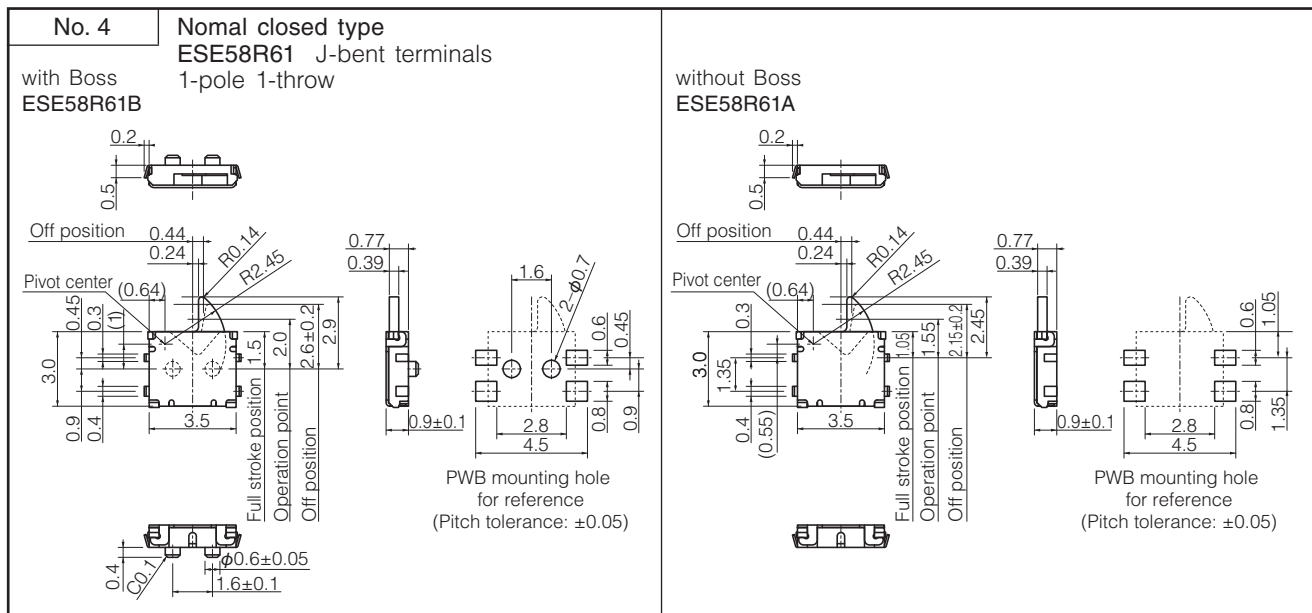
Rating	50 μ A 3 V DC to 10 mA 5 V DC (Resistive load)
Contact Resistance	500 m Ω max. (Initial)
Insulation Resistance	100 M Ω min. (at 100 V DC for 1 minute)
Dielectric Withstanding Voltage	100 V AC (50 Hz or 60 Hz) for 1 minute
Operating Force	350 mN max.
Mounting Height	0.9 mm
Poles and Throws	1-pole 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 °C to +60 °C (Standard), −40 °C to +85 °C (Automotive)
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/Cartron	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.

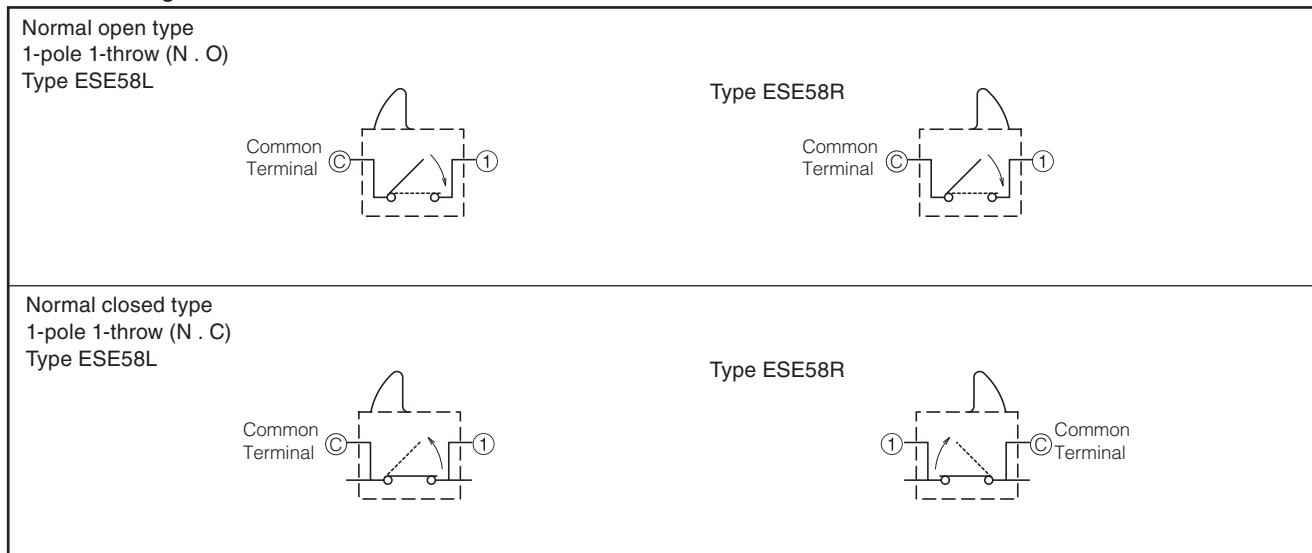
No. 1 Normal open type ESE58L11 J-bent terminals 1-pole 1-throw with Boss ESE58L11B PWB mounting hole for reference (Pitch tolerance: ±0.05)	without Boss ESE58L11A PWB mounting hole for reference (Pitch tolerance: ±0.05)
No. 2 Normal closed type ESE58L61 J-bent terminals 1-pole 1-throw with Boss ESE58L61B PWB mounting hole for reference (Pitch tolerance: ±0.05)	without Boss ESE58L61A PWB mounting hole for reference (Pitch tolerance: ±0.05)
No. 3 Normal open type ESE58R11 J-bent terminals 1-pole 1-throw with Boss ESE58R11B PWB mounting hole for reference (Pitch tolerance: ±0.05)	without Boss ESE58R11A PWB mounting hole for reference (Pitch tolerance: ±0.05)

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■ Dimensions in mm (not to scale)

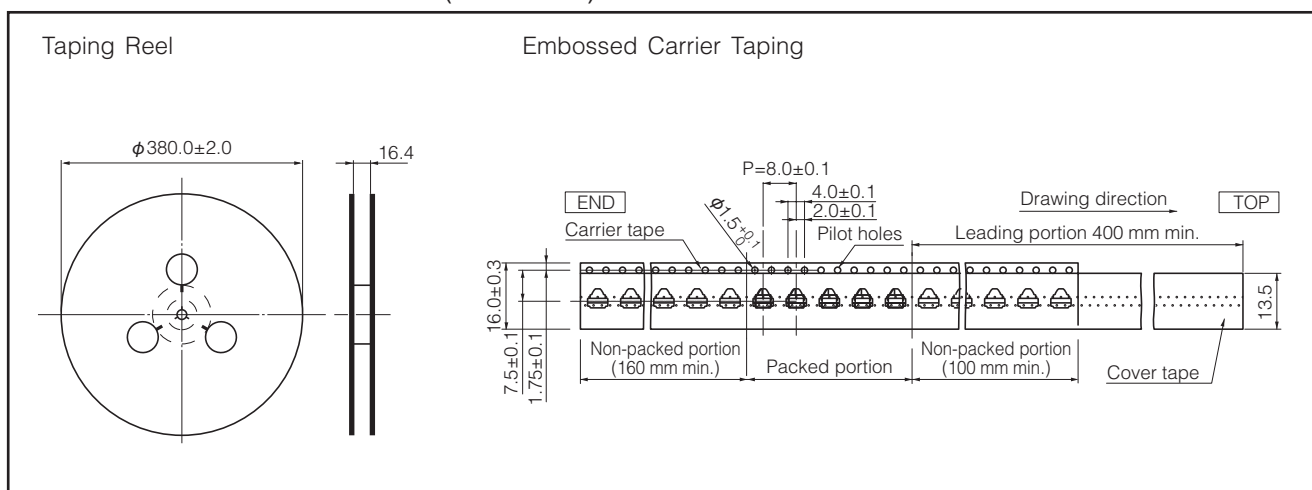


■ Circuit Diagram



■ Packaging Specifications

Standard Reel Dimensions in mm (not to scale)



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