1HL Detector Switches

Type: **ESE18**



■ Features

• Thin body: 1.2 mm

Circuit type: Normally-open and normally-closed

types are available.

• Travel: Standard stroke type: 1.5 mm

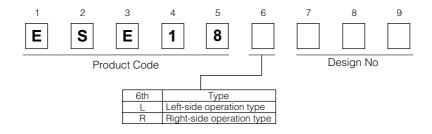
Long stroke type: 2.15 mm

Surface mounted type: Packed with embossed tape.
 Supports reflow soldering.

■ Recommended Applications

 Detection of media in portable electronic equipment (Mobile phones/CD-ROM/DVD players, Digital still cameras)

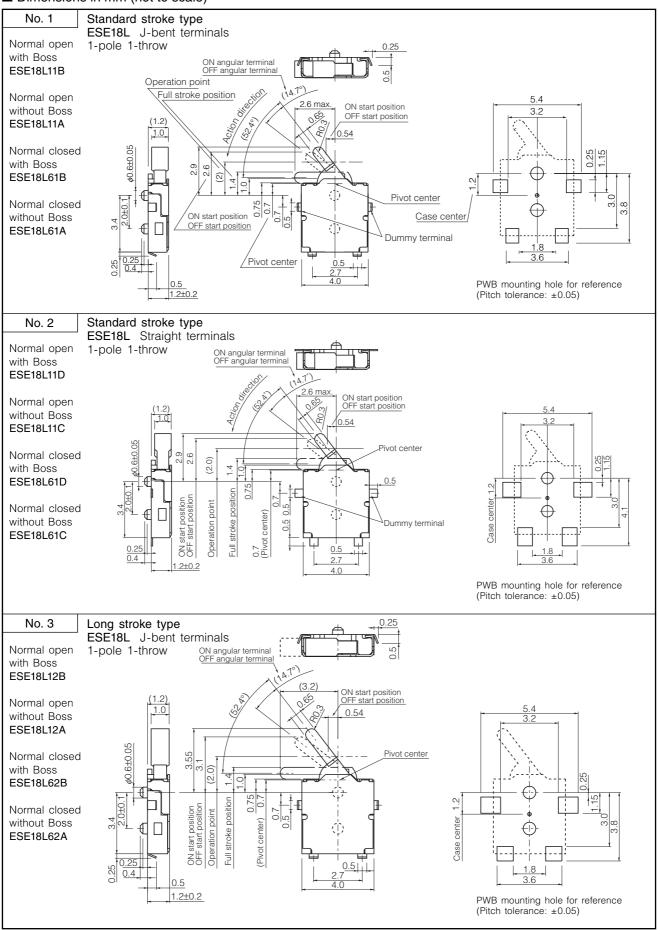
■ Explanation of Part Numbers



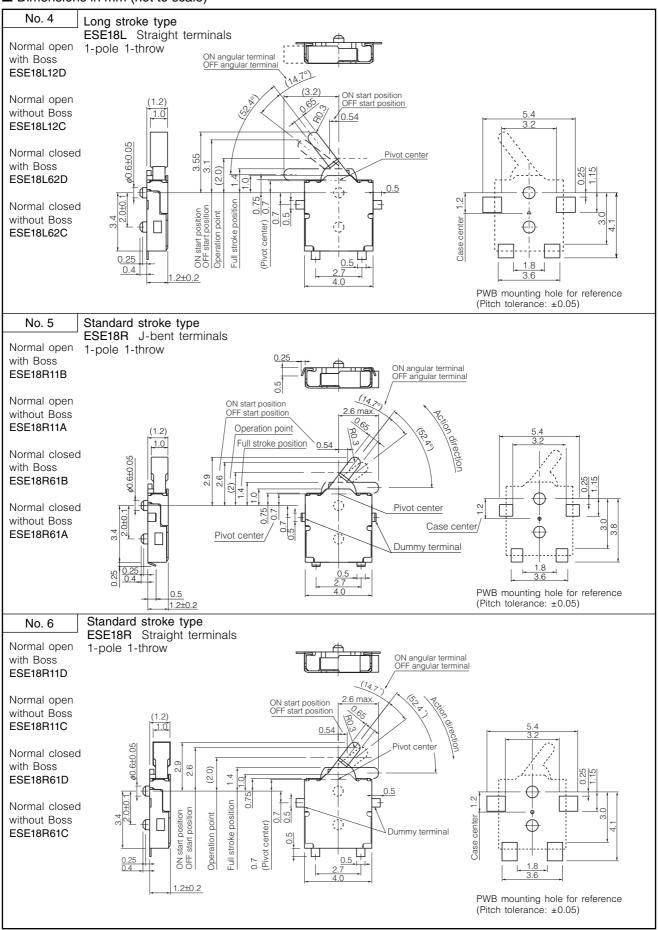
■ Specifications

50 μA 3 Vdc to 10 mA 5 Vdc (Resistive load)
500 m Ω max.
100 MΩ min. (100 Vdc)
100 Vac for 1 minute
300 mN max.
1.2 mm
1-pole 1-throw
· Standard stroke type With boss : 1.4 mm (1.5 mm) Without boss : 2.1 mm (1.5 mm) Without boss : 2.1 mm (2.15 mm)
50000 cycles min.
−10 °C to +60 °C
+70 °C for 96 hours
−25 °C for 96 hours
+40 °C 90 % to 95 % RH for 96 hours
5000 pcs. Embossed Taping (Reel Pack)
30000 pcs.

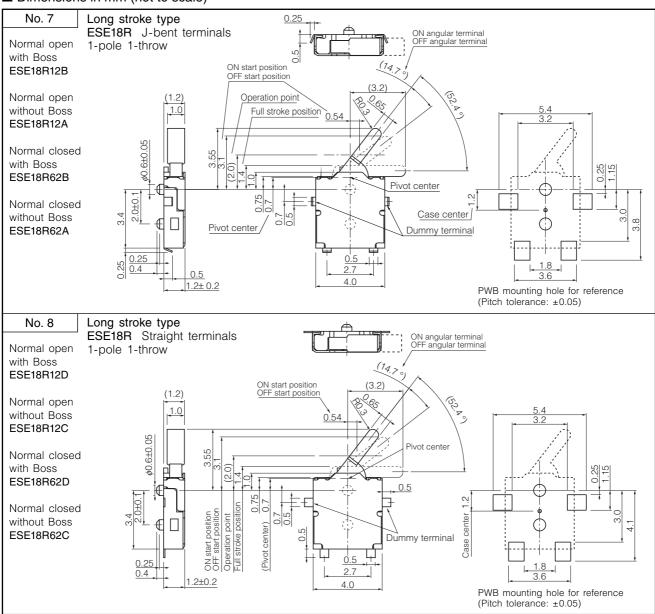
■ Dimensions in mm (not to scale)



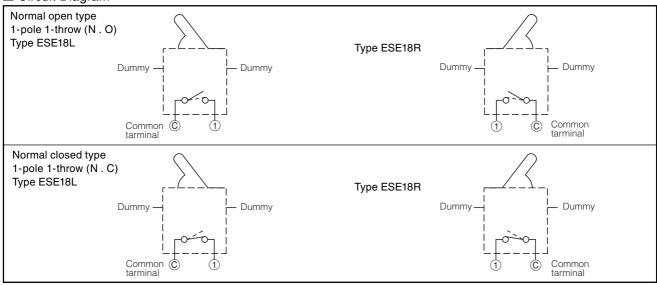
■ Dimensions in mm (not to scale)



■ Dimensions in mm (not to scale)



■ Circuit Diagram



■ Packaging Specifications
Standard Reel Dimensions in mm (not to scale)

