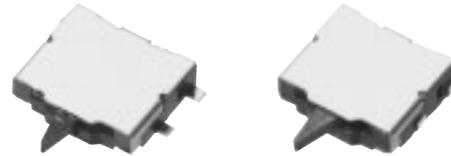


1HW Detector Switches

Type: **ESE23**



Bidirectional operation, midpoint auto-return Type

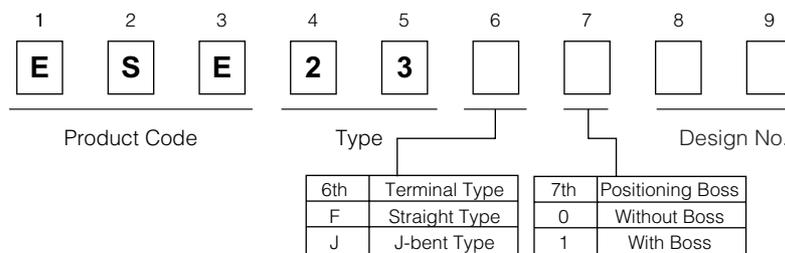
■ Features

- External dimensions : 4.1 mm×5.0 mm, Height 1.5 mm
- Long over-travel (through-operation available)
- Usable as an operation switch (an input device)

■ Recommended Applications

- Detection of media in portable electronic equipment (CD-ROM, DVD, Digital still cameras, etc.)
- Operating switches for other electronic equipment.

■ Explanation of Part Numbers

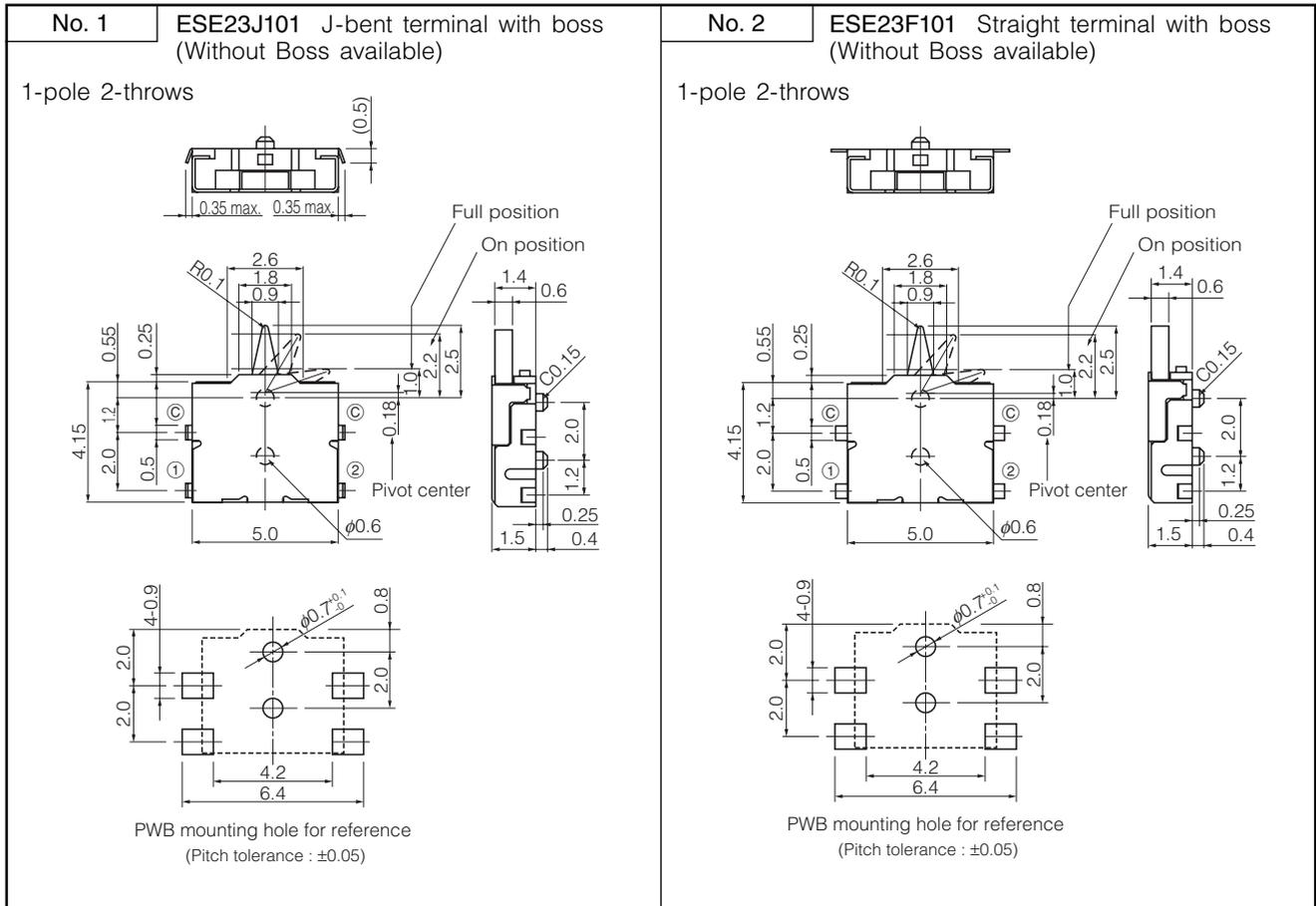


■ Specifications

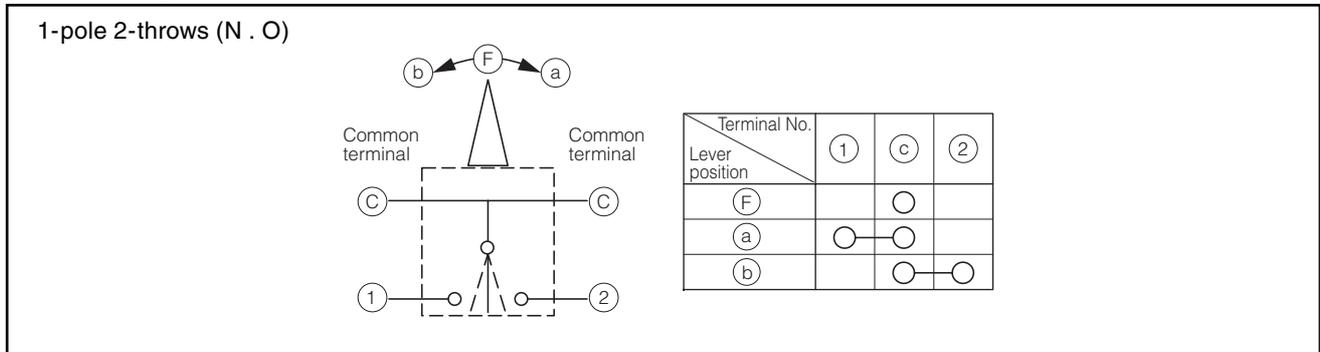
| | |
|---------------------------------|---|
| Rating | 50 μ A 3 Vdc to 10 mA 5 Vdc (Resistive load) |
| Contact Resistance | 500 m Ω max. (Initial) |
| Insulation Resistance | 100 M Ω min. (100 Vdc) |
| Dielectric Withstanding Voltage | 100 Vac for 1 minute |
| Operating Force | 300 mN max. |
| Mounting Height | 1.5 mm |
| Poles and Throws | 1-pole 2-throws (OFF at midpoint) |
| Full Travel (Pushing distance) | With Boss 1.0 mm (1.5 mm) Without Boss 2.2 mm (1.5 mm) |
| Operating Life | 50000 cycles min. |
| Temperature Range | -10 °C to +60 °C |
| 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 | 4000 pcs. Embossed Taping (Reel Pack) |
| Quantity/Carton | 24000 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)

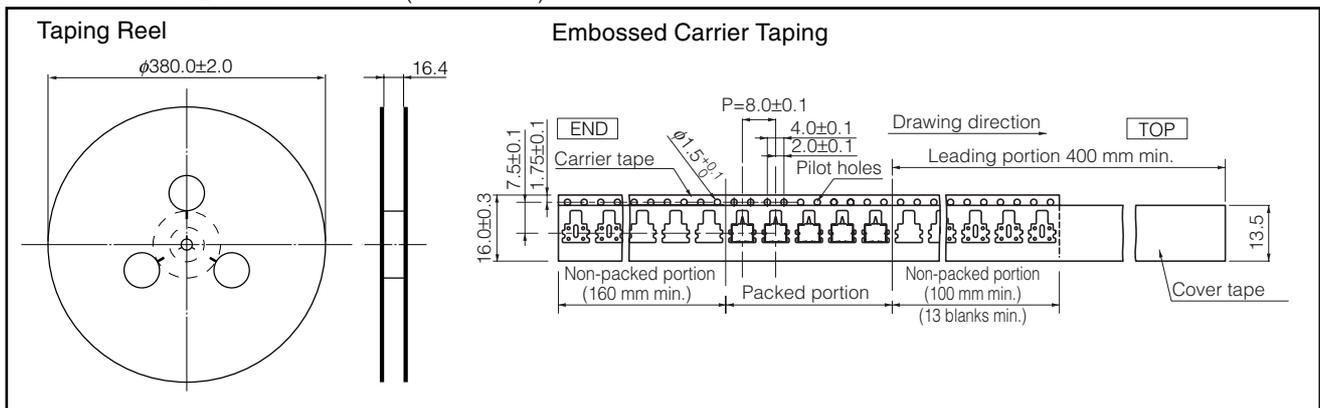


■ Circuit Diagram



■ Packaging Specifications

Standard Reel Dimensions in mm (not to scale)



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