



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

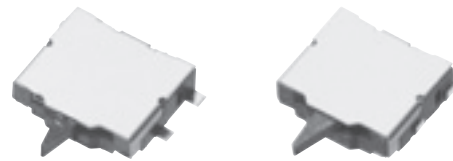
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



1HW Detector Switches

Type: **ESE23**



Bidirectional operation, midpoint auto-return Type

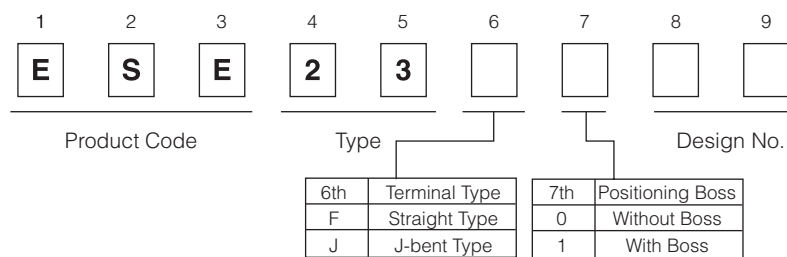
■ Features

- 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

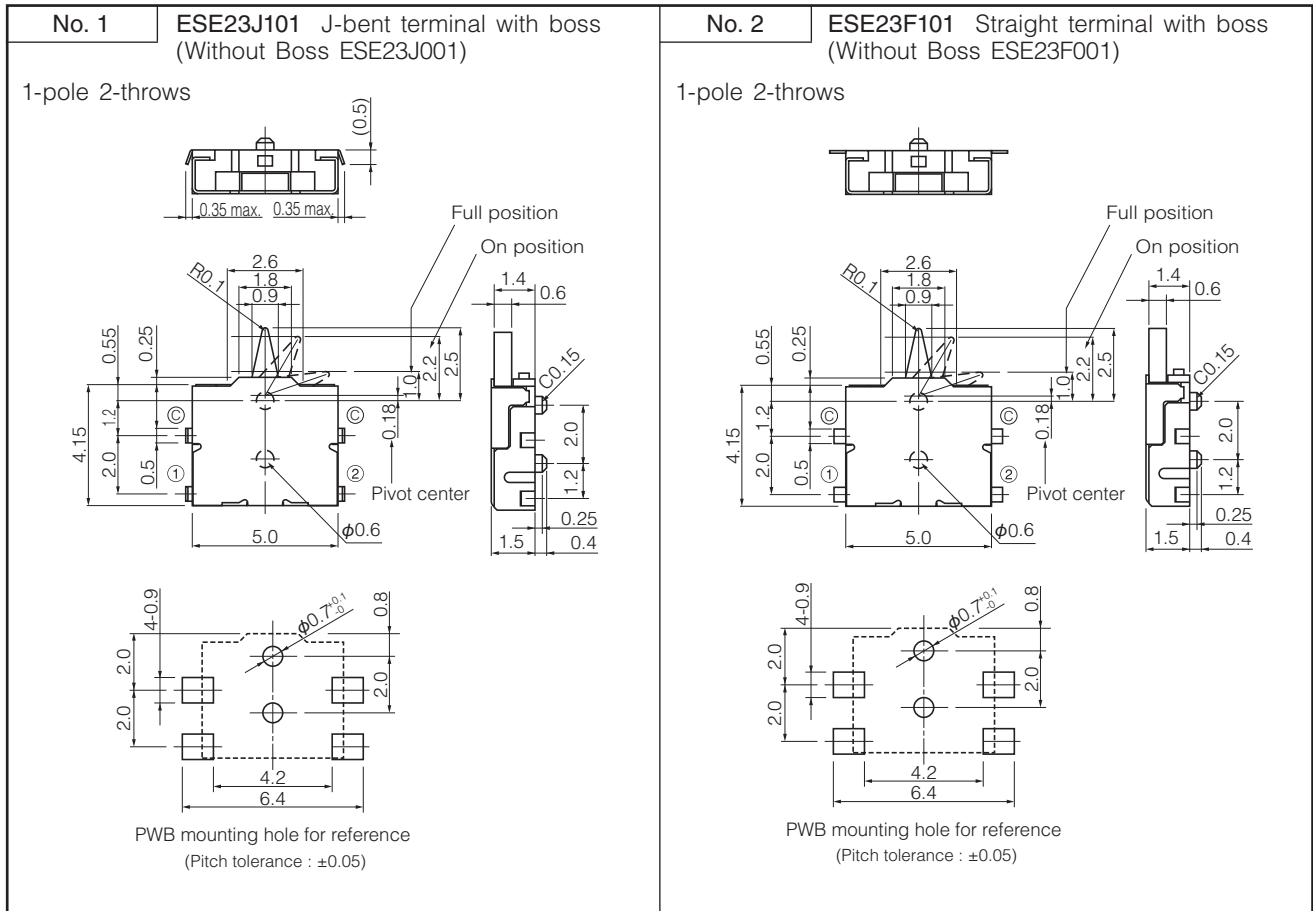


■ Specifications

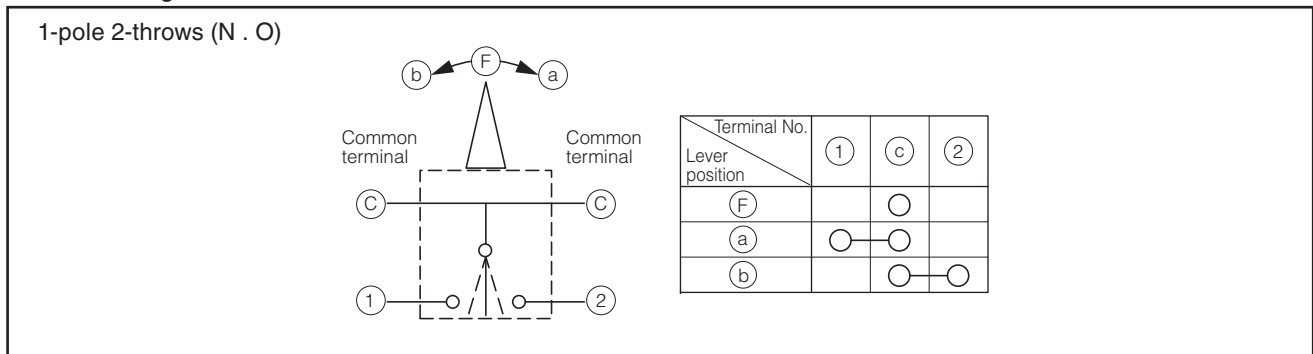
| | |
|---------------------------------|---|
| Rating | 50 μ A 3 V DC to 10 mA 5 V DC (Resistive load) |
| Contact Resistance | 500 m Ω max. (Initial) |
| Insulation Resistance | 100 M Ω min. (100 V DC) |
| Dielectric Withstanding Voltage | 100 V AC for 1 minute |
| Operating Force | 300 mN max. |
| 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 | 50,000 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 | 4,000 pcs. Embossed Taping (Reel Pack) |
| Quantity/Carton | 24,000 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)

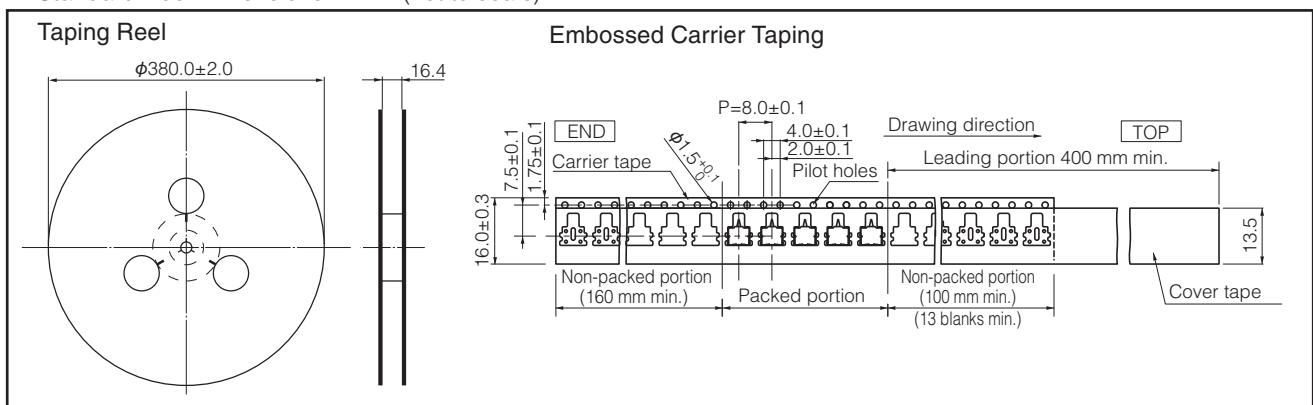


■ Circuit Diagram



■ Packaging Specifications

Standard Reel Dimensions in mm (not to scale)



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