



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

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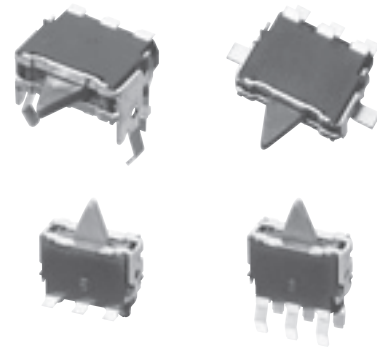
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

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



2W Detector Switches

Type: **ESE24**



Bidirectional operation, midpoint auto-return Type

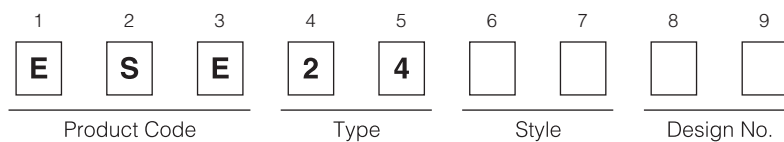
■ Features

- A lever-type detector switch with high reliability using sliding mechanical contacts
- Long over-travel (through-operation available)
- Used 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 Number



6th & 7th	Mounting Method & Style
SV	Vertical type for wave soldering
SH	Horizontal type for wave soldering
MV	Vertical type for reflow soldering
MH	Horizontal type for reflow soldering

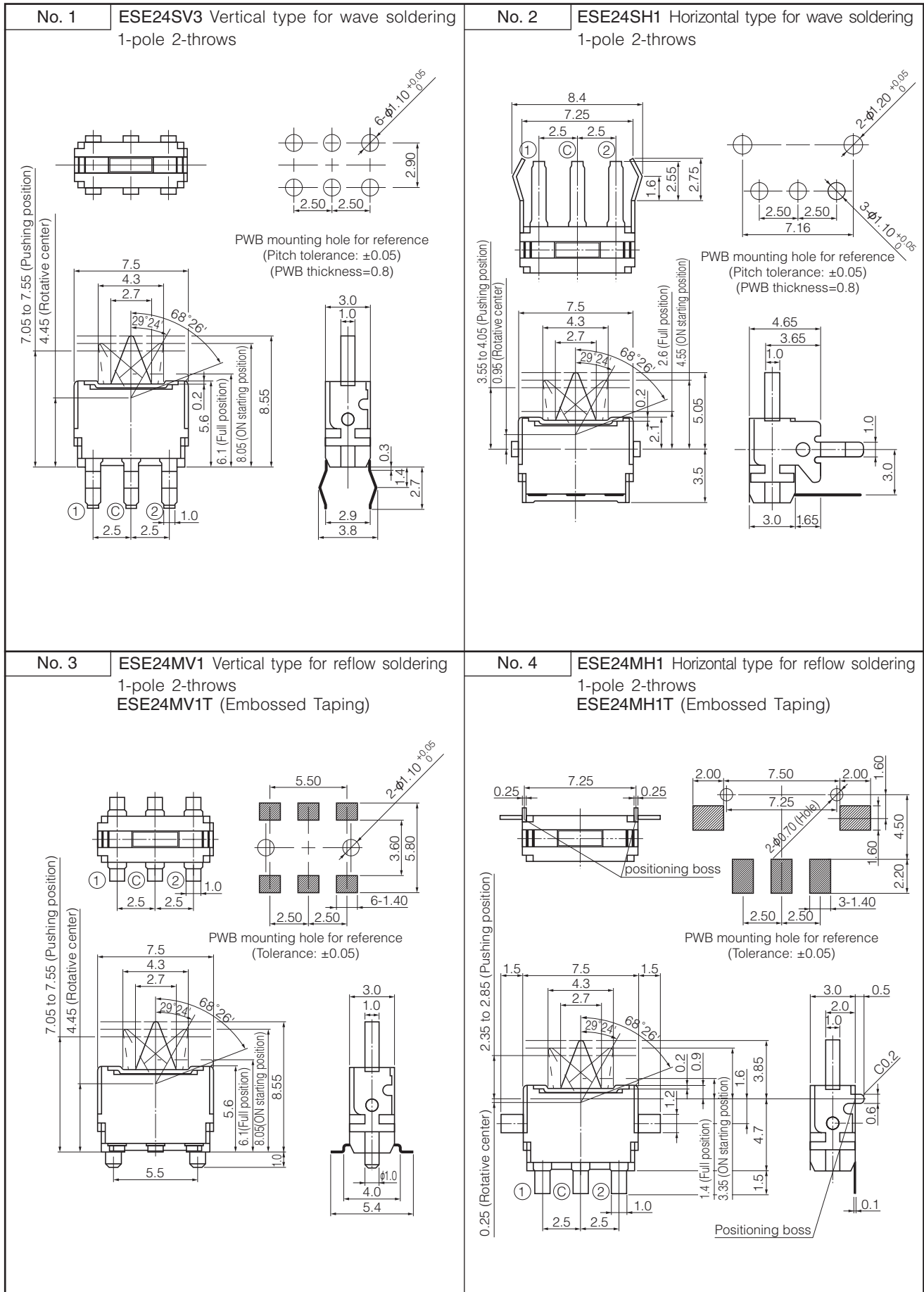
■ Specifications

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	350 mN max.	
Mounting Height	<ul style="list-style-type: none"> · Type SV 5.6 mm · Type SH 4.65 mm · Type MV 5.6 mm · Type MH 3.0 mm 	
Poles and Throws	1-pole 2-throws (OFF at midpoint)	
Full Travel (Pushing distance)	<ul style="list-style-type: none"> · Type SV 6.1 mm (2.45 mm) · Type SH 2.6 mm (2.45 mm) · Type MV 6.1 mm (2.45 mm) · Type MH 1.4 mm (2.45 mm) 	
Operating Life	50,000 cycles min.	
Temperature Range	-10 °C to +70 °C	
Heat Resistance	+80 °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	ESE24MH, MV, SV, SH	200 pcs. Polyethylene Bag (Bulk) ^{*1}
	ESE24MH□T	1,000 pcs. Embossed Taping (Reel Pack) ^{*2}
	ESE24MV□T	500 pcs. Embossed Taping (Reel Pack)
Quantity/Carton	ESE24MH, MV, SV, SH	10,000 pcs. Polyethylene Bag (Bulk)
	ESE24MH□T	6,000 pcs. Embossed Taping (Reel Pack)
	ESE24MV□T	3,000 pcs. Embossed Taping (Reel Pack)

^{*1} ESE24SH type: 160 pcs. (Polyethylene Bag), 8,000 pcs. (Reel Pack)
^{*2} ESE24SV, ESE24SH are excluded

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.

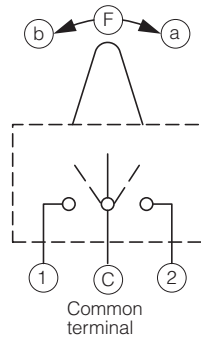
■ Dimensions in mm (not to scale)



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■ Circuit Diagram

1-pole 2-throws (N . O)

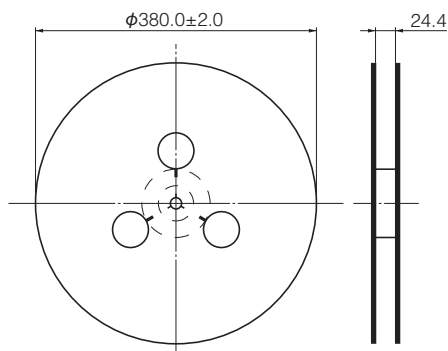


Terminal No. Lever position	1	c	2
F		○	
a	○	○	
b		○	○

■ Packaging Specifications

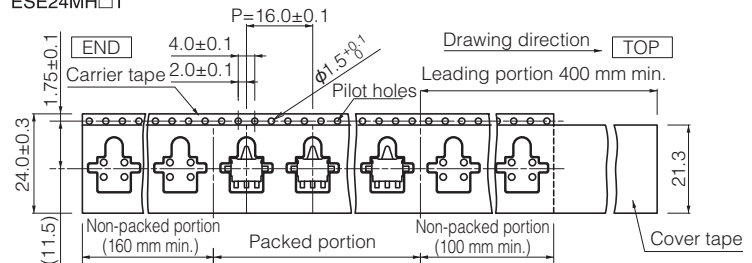
Standard Reel Dimensions in mm (not to scale)

Taping Reel

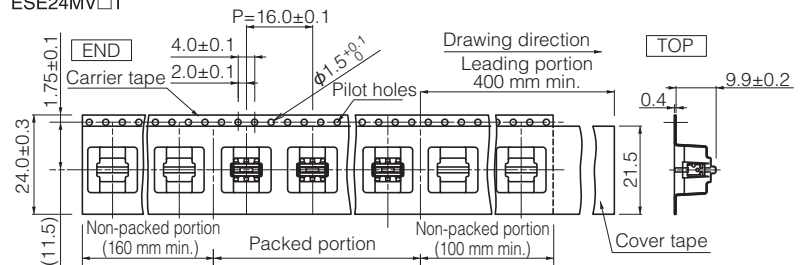


Embossed Carrier Taping

ESE24MH□T



ESE24MV□T



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