Panasonic

ESE24 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)





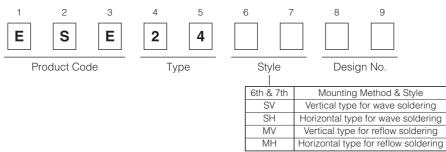




■ Recommended Applications

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

■ Explanation of Part Number



■ Specifications

Rating		50 μA 3 V DC to 10 mA 5 V DC (Resistive load)
Contact Resistance		500 m Ω max. (Initial)
Insulation Resistance		100 MΩ 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		· ESE24SV Type 5.6 mm · ESE24SH Type 4.65 mm · ESE24MV Type 5.6 mm · ESE24MH Type 3.0 mm
Poles and Throws		1-pole 2-throws (OFF at midpoint)
Full Travel (Pushing distance)		ESE24SV Type 6.1 mm (2.45 mm) ESE24SH Type 2.6 mm (2.45 mm) ESE24MV Type 6.1 mm (2.45 mm) ESE24MH Type 1.4 mm (2.45 mm)
Operating Life		50,000 cycles min.
Temperature Range		-10 °C to +70 °C (Standard), -40 °C to +85 °C (Automotive)
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)

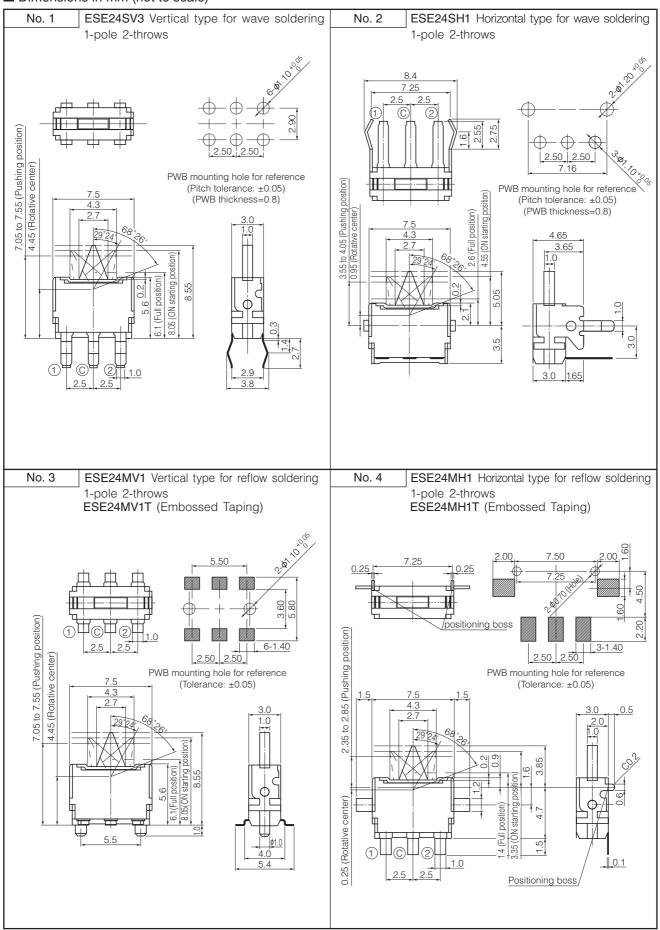
^{*1} ESE24SH type: 160 pcs. (Polyethylene Bag), 8,000 pcs. (Reel Pack)
*2 ESE24SV, ESE24SH are excluded

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.

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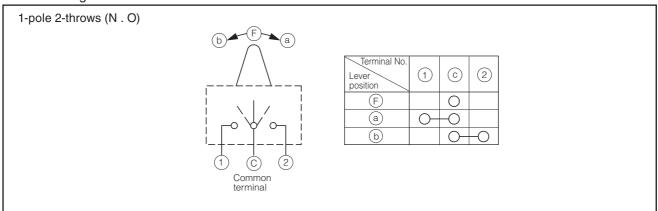
■ Dimensions in mm (not to scale)



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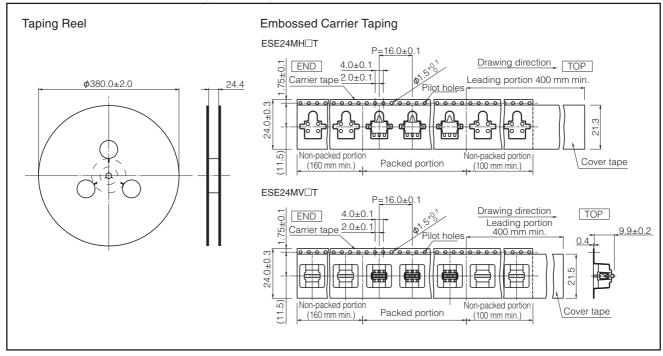
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■ Circuit Diagram



■ Packaging Specifications

Standard Reel Dimensions in mm (not to scale)



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