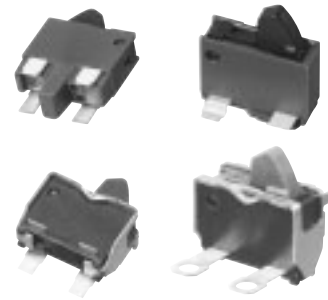


2N Detector Switches

Type: **ESE22**



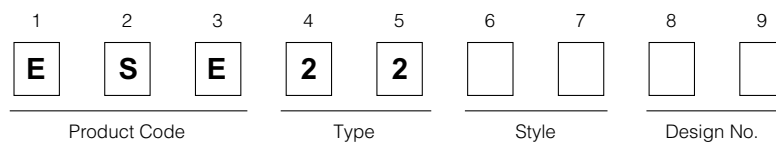
■ Features

- Can be operated with different actuation angles (horizontally and vertically)
- Reflow soldering
- Light operating force

■ Recommended Applications

- Detection of media in portable 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	· Type MV 4.1 mm · Type MH 2.1 mm · Type MH with Frame 2.85 mm		
Poles and Throws	1-pole 1-throw		
Full Travel (Pushing distance)	· Type MV 4.25 mm(2.05 mm) · Type MH 1.2 mm(2.0 mm) · Type MH with Frame 0.6 mm(2.0 mm)		
Operating Life	50000 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	500 pcs. Polyethylene Bag (Bulk)		
	· Type MV	1000 pcs.	Embossed Taping (Reel Pack)
	· Type MH with Frame	3000 pcs.	Embossed Taping (Reel Pack)
	· Type MH	4000 pcs.	Embossed Taping (Reel Pack)
Quantity/Carton	10000 pcs. Polyethylene Bag (Bulk)		
	· Type MV	6000 pcs.	Embossed Taping (Reel Pack)
	· Type MH with Frame	18000 pcs.	Embossed Taping (Reel Pack)
	· Type MH	24000 pcs.	Embossed Taping (Reel Pack)

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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	Part Numbers	H : boss	Packaging		Part Numbers	H : boss	Packaging
Type	ESE22MH21	0.5	Polyethylene Bag (Bulk)	Type	ESE22MH23	0.5	Polyethylene Bag (Bulk)
	ESE22MH27	1.0	Polyethylene Bag (Bulk)		ESE22MH28	1.0	Polyethylene Bag (Bulk)
	ESE22MH22	0.5	Embossed Taping (Reel Pack)		ESE22MH24	0.5	Embossed Taping (Reel Pack)
	ESE22MH27T	1.0	Embossed Taping (Reel Pack)		ESE22MH28T	1.0	Embossed Taping (Reel Pack)

No.	Type
No. 1	1-pole 1-throw

Part Numbers	Packaging
ESE22MV21	Polyethylene Bag (Bulk)
ESE22MV21T	Embossed Taping (Reel Pack)

No.	Type
No. 3	1-pole 1-throw

Part Numbers	Packaging
ESE22MH51	Polyethylene Bag (Bulk)
ESE22MH52	Embossed Taping (Reel Pack)

No.	Type
No. 4	1-pole 1-throw

With Frame Type

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Part Numbers ESE22MH53	Packaging Polyethylene Bag (Bulk)	Part Numbers ESE22MH57	Packaging Polyethylene Bag (Bulk)
No. 5	Embossed Taping (Reel Pack)	No. 6	1-pole 1-throw
With Frame Type 		Solder lug Type 	
Part Numbers ESE22MH58	Packaging Polyethylene Bag (Bulk)	■ Circuit Diagram	
No. 7	1-pole 1-throw	1-pole 1-throw (N.O.) 	
Solder lug Type		■ Packaging Specifications Standard Reel Dimensions in mm (not to scale)	
		Taping Reel Embossed Carrier Taping 	

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