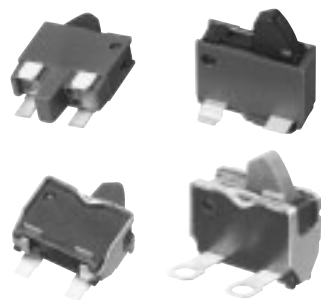


2N Detector Switches

Type: **ESE22**



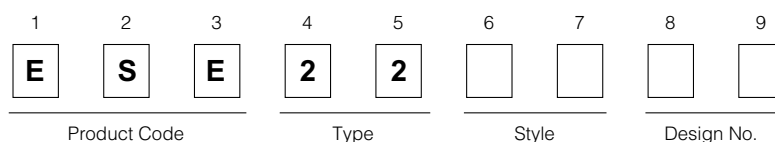
■ Features

- 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.

[illegible]

00 Sep. 2010

■ Dimensions in mm (not to scale)

Part Numbers		Packaging		Part Numbers		Packaging	
ESE22MH53		Polyethylene Bag (Bulk)		ESE22MH57		Polyethylene Bag (Bulk)	
ESE22MH54		Embossed Taping (Reel Pack)		No. 6		1-pole 1-throw	
No. 5		1-pole 1-throw		Solder lug Type			
With Frame Type							

Mouser Electronics

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