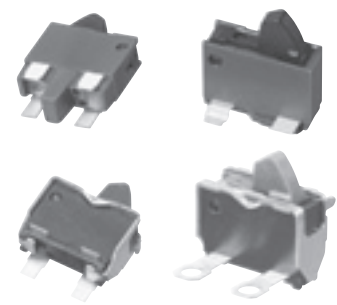


ESE22 Detector Switches

Type: **ESE22**



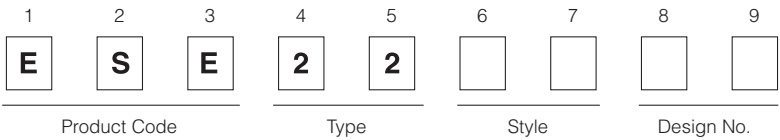
■ Features

- 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 V DC to 10 mA 5 V DC (Resistive load)	
Contact Resistance	500 m Ω max. (Initial)	
Insulation Resistance	100 M Ω min. (at 100 V DC for 1 minute)	
Dielectric Withstanding Voltage	100 V AC (50 Hz or 60 Hz) for 1 minute	
Operating Force	290 mN max.	
Mounting Height	· ESE22MV Type 4.1 mm · ESE22MH Type 2.1 mm · ESE22MH Type with Frame 2.85 mm	
Poles and Throws	1-pole 1-throw	
Full Travel (Pushing distance)	· ESE22MV Type 4.25 mm(2.05 mm) · ESE22MH Type 1.2 mm(2.0 mm) · ESE22MH Type with Frame 0.6 mm(2.0 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	500 pcs. Polyethylene Bag (Bulk)	
	· ESE22MV Type	1,000 pcs. Embossed Taping (Reel Pack)
	· ESE22MH Type with Frame	3,000 pcs. Embossed Taping (Reel Pack)
	· ESE22MH Type	4,000 pcs. Embossed Taping (Reel Pack)
Quantity/Carton	10,000 pcs. Polyethylene Bag (Bulk)	
	· ESE22MV Type	6,000 pcs. Embossed Taping (Reel Pack)
	· ESE22MH Type with Frame	18,000 pcs. Embossed Taping (Reel Pack)
	· ESE22MH Type	24,000 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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■ 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							
With Frame Type								
Part Numbers		Packaging	■ Circuit Diagram					
ESE22MH58		Polyethylene Bag (Bulk)	1-pole 1-throw (N.O)					
No. 7	1-pole 1-throw	Solder lug Type						
		Solder lug Type						
		■ Packaging Specifications						
		Standard Reel Dimensions in mm (not to scale)						

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