

1VR Detector Switches

Type: **ESE16**



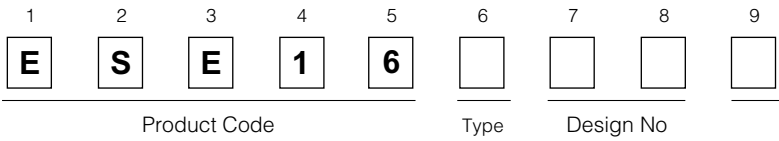
■ Features

- External Dimensions: 2.2 mm×3.35 mm (Height:1.5 mm)
- Light operating force: 250 mN or less
- Auto mounting supported: Can be mounted by standard nozzles

■ Recommended Applications

- Detection of media in portable electronic equipment
(Mobile phones / Digital still cameras / Camcorders)

■ Explanation of Part Numbers



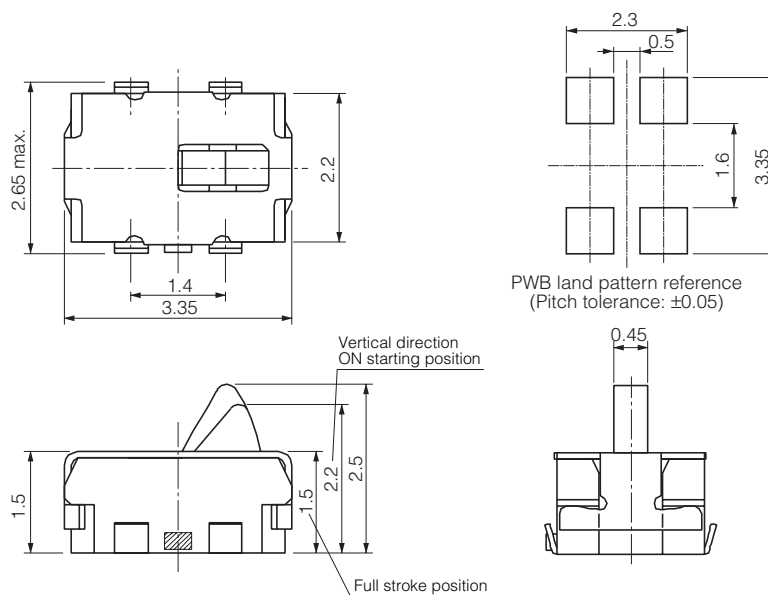
■ Specifications

Rating	50 μA 3 Vdc to 10 mA 5 Vdc (Resistive load)
Contact Resistance	2 Ω max.
Insulation Resistance	10 MΩ max. (100 Vdc)
Dielectric Withstanding Voltage	100 Vac for 1 minute
Operating Force	250 mN max.
Mounting Height	1.5 mm
Poles and Throws	1-pole 1-throw
Full Travel (Pushing distance)	1.5 mm (1.0 mm)
Operating Life	50000 cycles min.
Temperature Range	−10 °C to +60 °C
Heat Resistance	+70 °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	3500 pcs. Embossed Taping (Reel Pack)
Quantity/Carton	21000 pcs.

■ Dimensions in mm (not to scale)

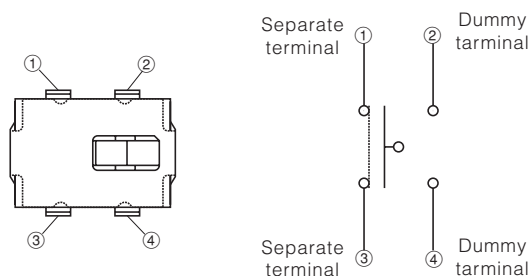
ESE16

1-pole 1-throw



■ Circuit Diagram

1-pole 1-throw (N.O)



■ Packaging Specifications

Standard Reel Dimensions in mm (not to scale)

Taping Reel

Embossed Carrier Taping

