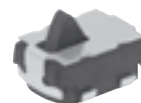


ESE16 Detector Switches

Type: **ESE16**

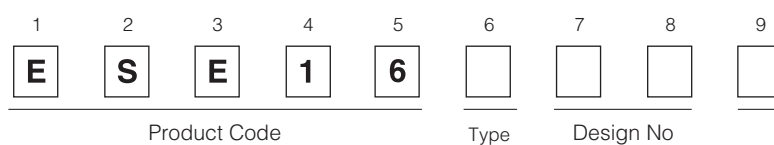
■ Features

- 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

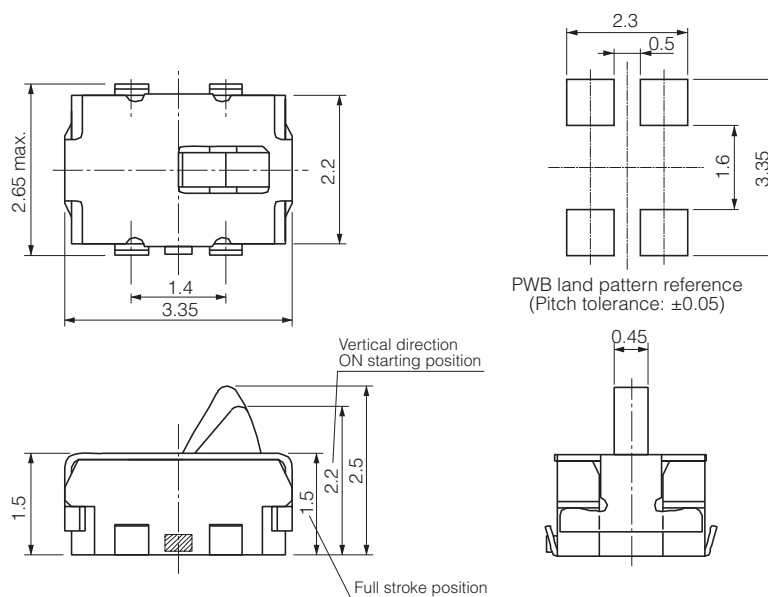
Rating	50 μ A 3 V DC to 10 mA 5 V DC (Resistive load)
Contact Resistance	500 m Ω max. (Initial)
Insulation Resistance	10 M Ω min. (at 100 V DC for 1 minute)
Dielectric Withstanding Voltage	100 V AC (50 Hz or 60 Hz) for 1 minute
Operating Force	250 mN max.
Mounting Height	1.5 mm
Poles and Throws	1-pole 1-throw
Full Travel (Pushing distance)	1.5 mm (1.0 mm)
Operating Life	50,000 cycles min.
Temperature Range	–10 °C to +60 °C (Standard), –40 °C to +85 °C (Automotive)
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	4,000 pcs. Embossed Taping (Reel Pack)
Quantity/Carton	24,000 pcs.

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.

■ Dimensions in mm (not to scale)

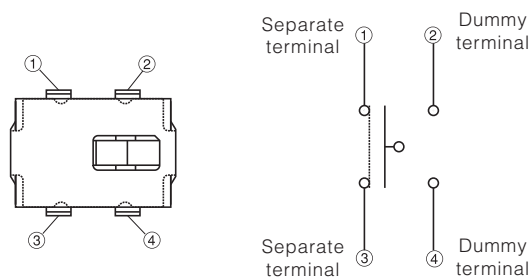
ESE16J001

1-pole 1-throw



■ Circuit Diagram

1-pole 1-throw (N.O)

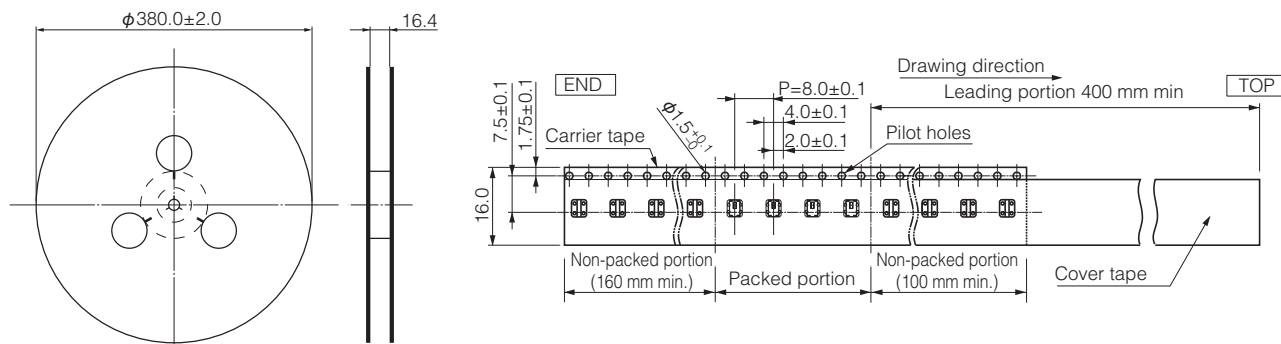


■ Packaging Specifications

Standard Reel Dimensions in mm (not to scale)

Taping Reel

Embossed Carrier Taping



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