

### 1VR Detector Switches

Type: **ESE16**



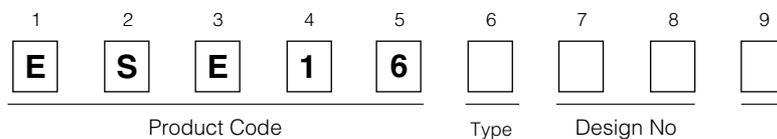
#### ■ Features

- 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



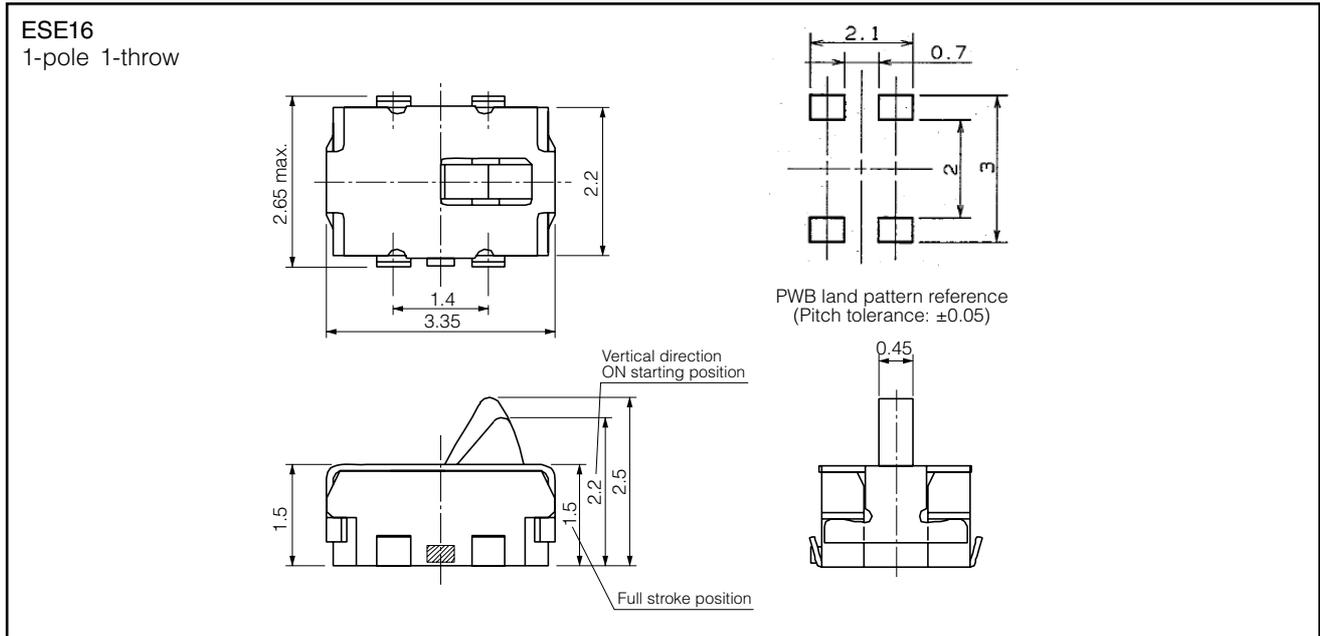
#### ■ Specifications

Rating	50 $\mu$ A 3 Vdc to 10 mA 5 Vdc (Resistive load)
Contact Resistance	500 m $\Omega$ max. (Initial)
Insulation Resistance	10 M $\Omega$ min. (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	4000 pcs. Embossed Taping (Reel Pack)
Quantity/Carton	24000 pcs.

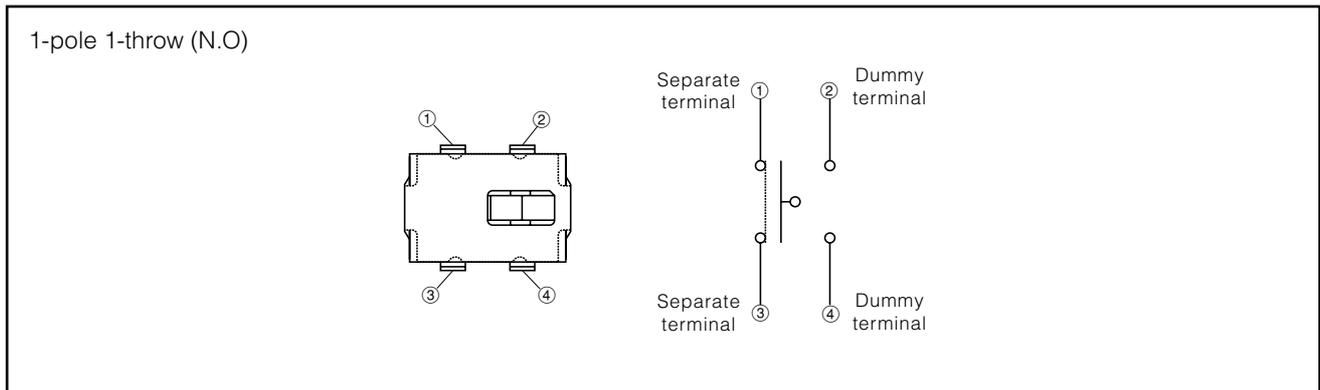
Design and specifications are each subject to change without notice. Ask factory for the current technical specifications before purchase and/or use. Should a safety concern arise regarding this product, please be sure to contact us immediately.

01 Mar. 2014

### ■ Dimensions in mm (not to scale)

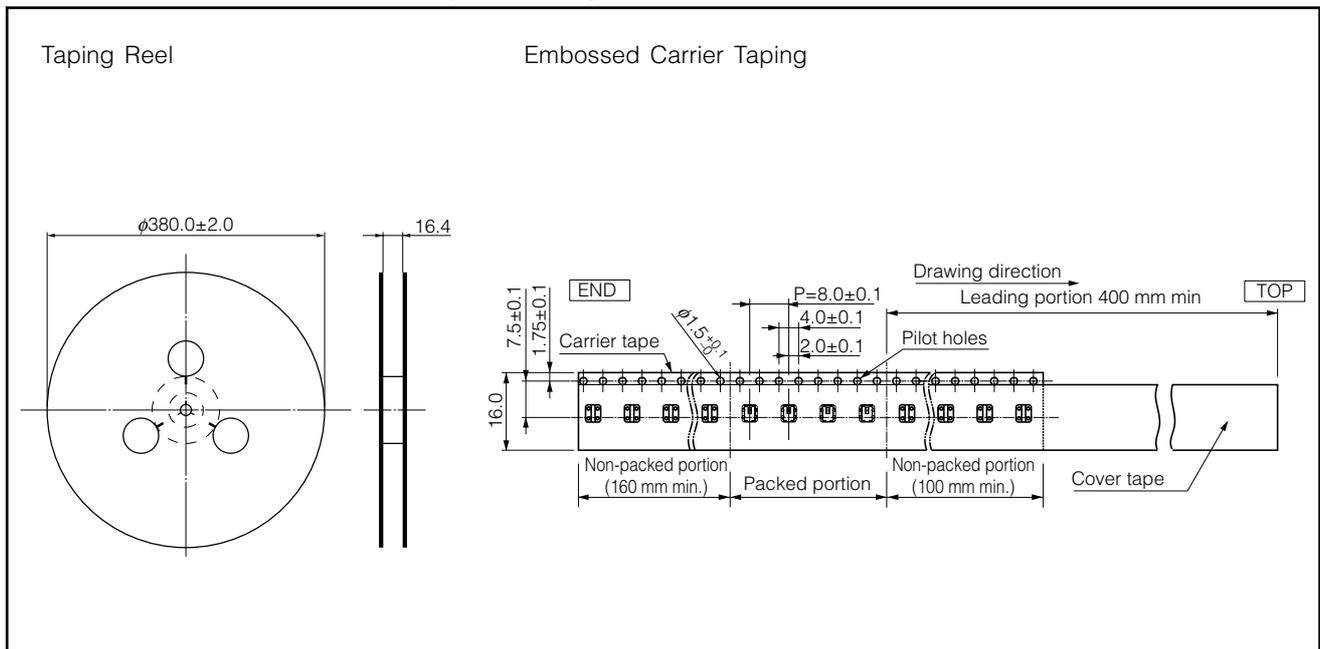


### ■ Circuit Diagram



### ■ Packaging Specifications

#### Standard Reel Dimensions in mm (not to scale)



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