Panasonic

1VL Detector Switches

Type: ESE13



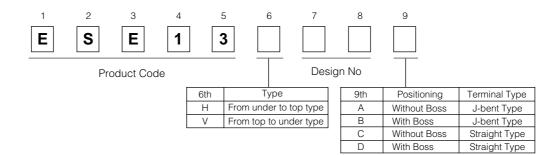
Features

- Thin type : Height=1.2 mm
- Highly reliable contact
- SMD type (Embossed taping, Reflow soldering)

Recommended Applications

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

Explanation of Part Numbers



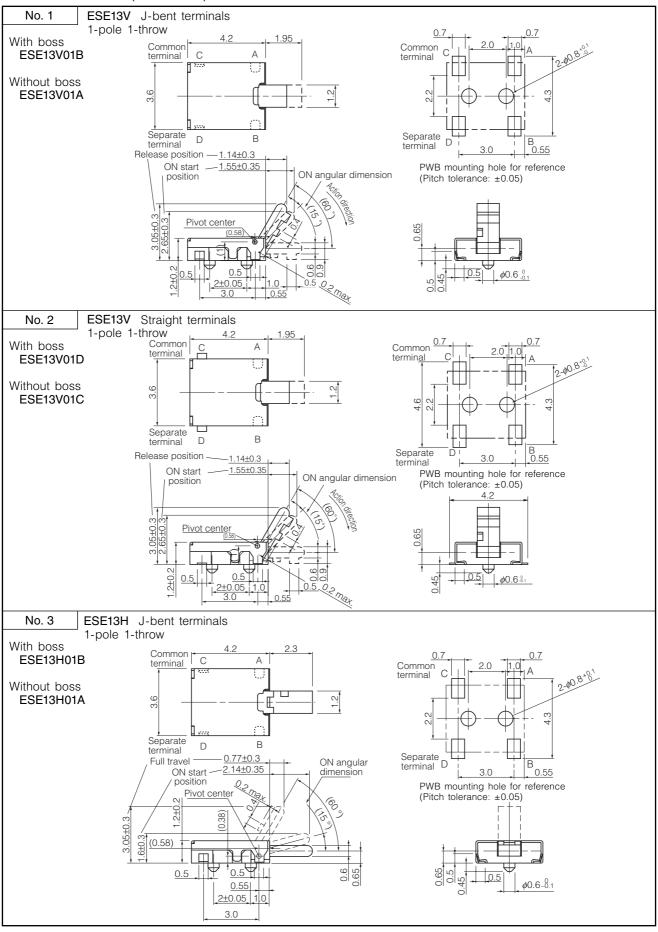
Specifications

Rating		50 µA 3 Vdc to 10 mA 5 Vdc (Resistive load)
Contact Resistance		500 m Ω max. (Initial)
Insulation Resistance		100 MΩ min. (100 Vdc)
Dielectric Withstanding Voltage		100 Vac for 1 minute
Operating Force		300 mN max.
Mounting Height		1.2 mm
Poles and Throws		1-pole 1-throw
Full Travel (Pushing distance)		Type V : 2.15 mm (2.15 mm) Type H : 3.05 mm (2.15 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	ESE13H	5000 pcs. Embossed Taping (Reel Pack)
	ESE13V	3000 pcs. Embossed Taping (Reel Pack)
Quantity/Carton	ESE13H	30000 pcs.
	ESE13V	18000 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.

Panasonic

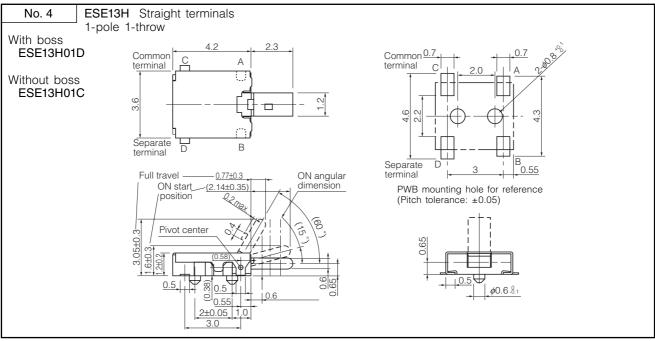
Dimensions in mm (not to scale)



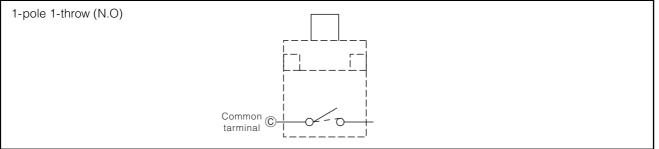
Design and specifications are each subject to change without notice. Ask factory for the current technical specifications before purchase and/or use. Should a safety concern arise regarding this product, please be sure to contact us immediately.

Panasonic

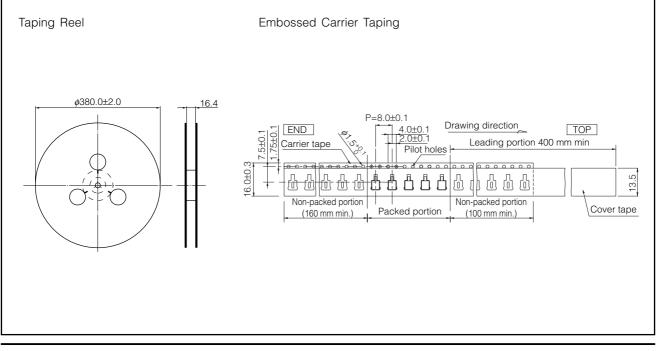
Dimensions in mm (not to scale)



Circuit Diagram



Packaging Specifications Standard Reel Dimensions in mm (not to scale)



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.