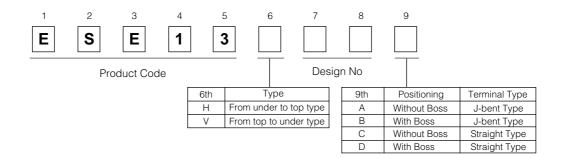
1VL Detector Switches

Type: **ESE13**



- Features
- Thin type : Height=1.2 mmHighly reliable contact
- SMD type (Embossed taping, Reflow soldering)
- Recommended Applications
- Detection of media in portable electronic equipment (Mobile phones / Digital still cameras / Camcorders)

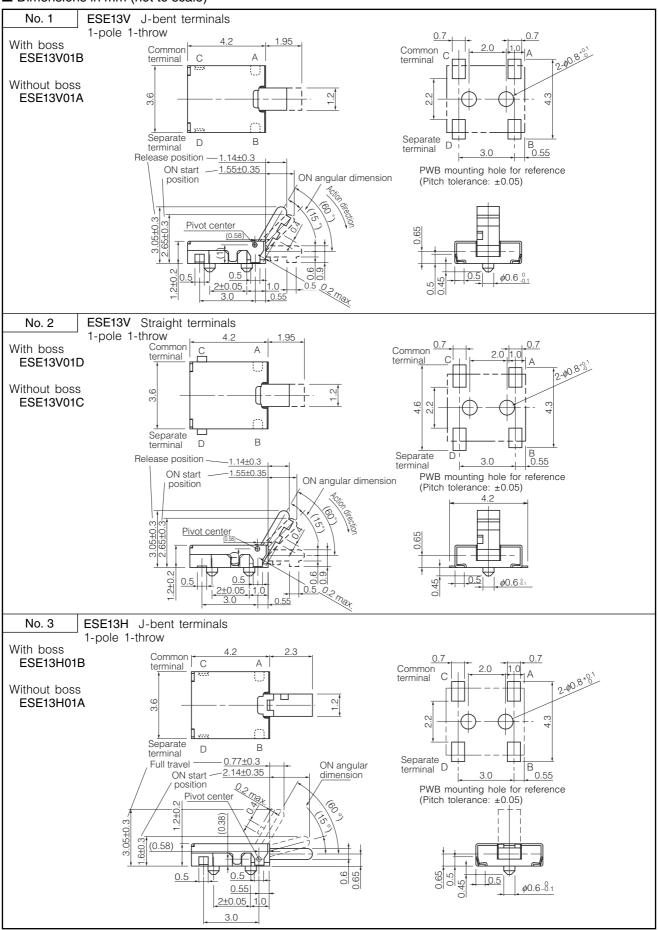
■ Explanation of Part Numbers



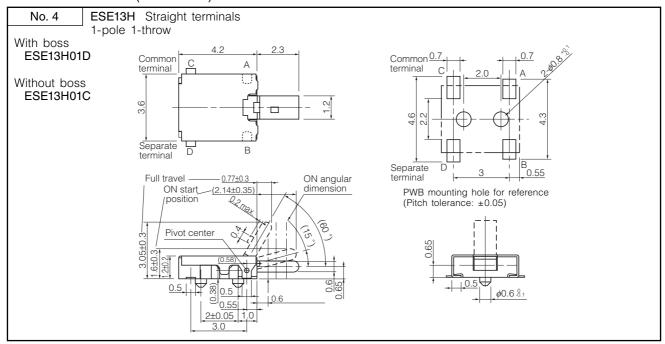
■ Specifications

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.

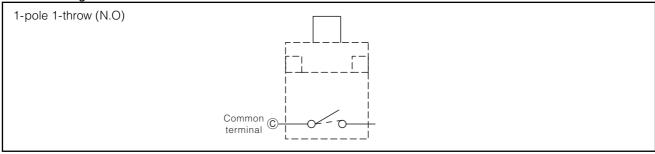
■ Dimensions in mm (not to scale)



■ Dimensions in mm (not to scale)



■ Circuit Diagram



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

