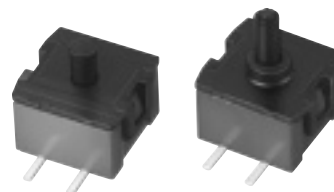


2NV Detector Switches

Japan

Type: **ESE21**

Miniaturized vertical type, designed for SMT applications.



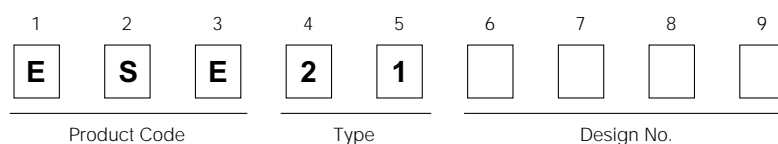
■ Features

- Miniaturized, space saving
- Light operating force
- Reflow soldering

■ Recommended Applications

- Detection of disks for 1/2" FDDs and MD players
- Detection of flaps (of folded body) for cellular phones

■ Explanation of Part Numbers



■ Specifications

Rating	50 μ A 3 Vdc to 10 mA 5 Vdc (Resistive load)
Contact Resistance	500 m Ω max.
Insulation Resistance	100 M Ω max. (100 Vdc)
Dielectric Withstanding Voltage	100 Vac for 1 minute
Operating Force	300 mN max.
Mounting Height	2.3 mm
Poles and Throws	1-pole 1-throw
Full Travel (Pushing distance)	· N.O : Height=3.8 mm 2.3 mm (1.5 mm) · N.C : Height=3.6 mm 2.3 mm (1.3 mm) · N.O : Height=4.8 mm 3.3 mm (1.5 mm)
Operating Life	50000 cycles min.
Temperature Range	-10 °C to +60 °C
Heat Resistance	+80 °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	2000 pcs. Embossed Taping (Reel Pack)
Quantity/Carton	12000 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.

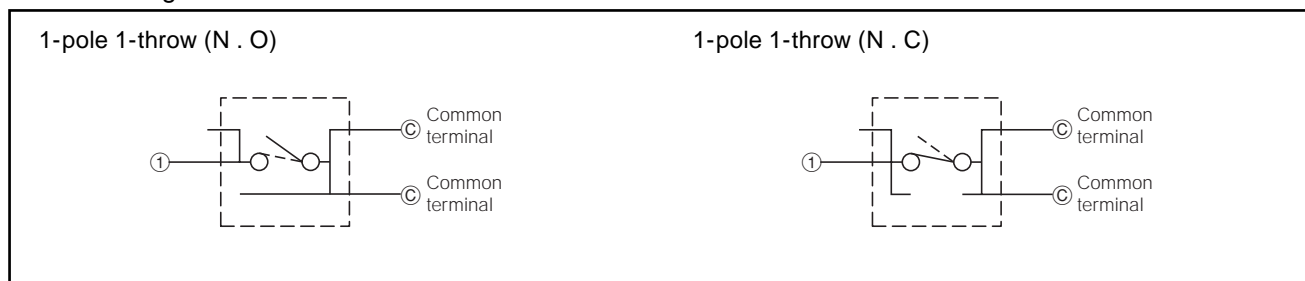
■ Dimensions in mm (not to scale)

Type A N.O (H=3.8)	Part Numbers ESE2121AT ESE2121BT	Boss Without Boss With Boss	Packaging Embossed Taping (Reel pack)	Type C N.O (H=4.8)	Part Numbers ESE2131AT ESE2131BT	Boss Without Boss With Boss	Packaging Embossed Taping (Reel pack)
Type B N.C (H=3.6)	ESE2161AT ESE2161BT	Without Boss With Boss					

No. 1 without Boss 1-pole 1-throw	No. 2 with Boss 1-pole 1-throw
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	H	H0
Type A	3.8 mm	3.5 mm
Type B	3.6 mm	3.3 mm

■ Circuit Diagram



■ Packaging Specifications

Standard Reel Dimensions in mm (not to scale)

