Panasonic

2HL Detector Switches

Type: ESE31



• Detection of media in portable electronic equipment

Recommended Applications

Features

- Increased the mounting strength Mounting strength: 80 N
- Decreased the profile of the switch body Height: 1.7 mm
- Increased the contact reliability and lifespan.
 Lifespan: 100,000 operations or more

Explanation of Part Numbers



Specifications

Rating	50 µA 3 Vdc to 10 mA 5 Vdc (Resistive load)
Contact Resistance	500 m Ω max.
Insulation Resistance	100 M $_{\Omega}$ min. (100 Vdc)
Dielectric Withstanding Voltage	100 Vac for 1 minute
Operating Force	390 mN max.
Mounting Height	1.7 mm
Poles and Throws	1-pole 1-throw
Full Travel (Pushing distance)	3.2 mm (2.15 mm)
Operating Life	100000 cycles min.
Temperature Range	-10 °C to +70 °C
Heat Resistance	+85 °C for 96 hours
Low Temperature Resistance	-40 °C for 96 hours
Humidity Resistance	+60 °C 90 % to 95 % RH for 96 hours
Minimum Quantity/Packing Unit	2500 pcs. Embossed Taping (Reel Pack)
Quantity/Carton	15000 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)



Circuit Diagram



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



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