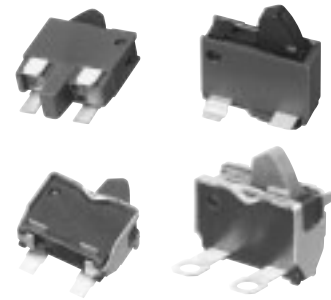


2N Detector Switches

Type: **ESE22**



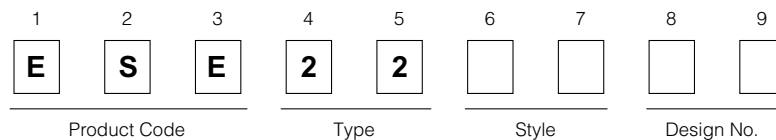
■ Features

- Can be operated with different actuation angles (horizontally and vertically)
- Reflow soldering
- Light operating force

■ Recommended Applications

- Detection of media in portable electronic equipment

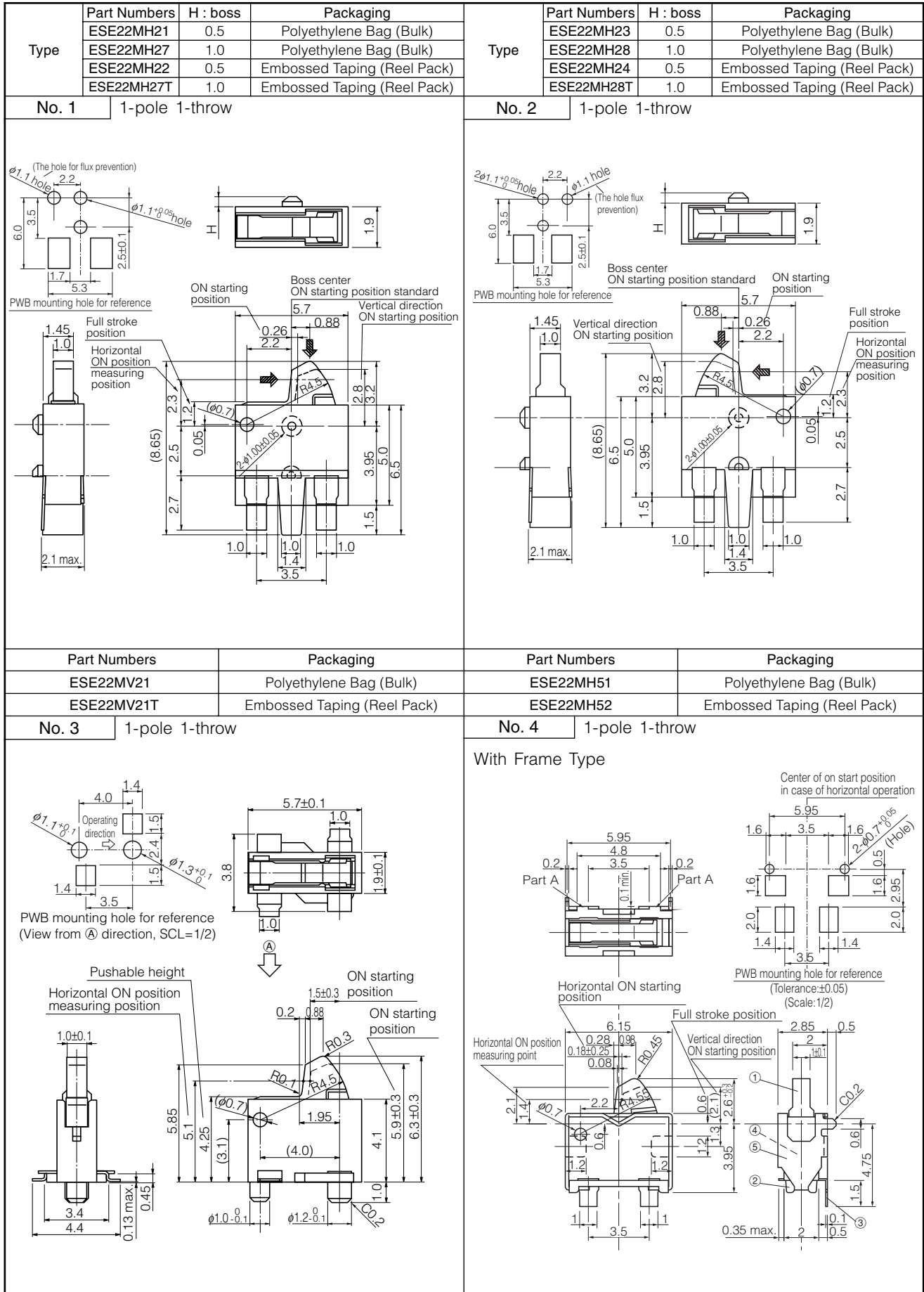
■ Explanation of Part Numbers



■ 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 min. (100 Vdc) |
| Dielectric Withstanding Voltage | 100 Vac for 1 minute |
| Operating Force | 300 mN max. |
| Mounting Height | <ul style="list-style-type: none"> · Type MV 4.1 mm · Type MH 2.1 mm · Type MH with Frame 2.85 mm |
| Poles and Throws | 1-pole 1-throw |
| Full Travel (Pushing distance) | <ul style="list-style-type: none"> · Type MV 4.25 mm(2.05 mm) · Type MH 1.2 mm(2.0 mm) · Type MH with Frame 0.6 mm(2.0 mm) |
| Operating Life | 50000 cycles min. |
| Temperature Range | -10 °C to +70 °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 | 500 pcs. Polyethylene Bag (Bulk) |
| | <ul style="list-style-type: none"> · Type MV 1000 pcs. Embossed Taping (Reel Pack) · Type MH with Frame 3000 pcs. Embossed Taping (Reel Pack) · Type MH 4000 pcs. Embossed Taping (Reel Pack) |
| | 10000 pcs. Polyethylene Bag (Bulk) |
| Quantity/Carton | 10000 pcs. Polyethylene Bag (Bulk) |
| | <ul style="list-style-type: none"> · Type MV 6000 pcs. Embossed Taping (Reel Pack) · Type MH with Frame 18000 pcs. Embossed Taping (Reel Pack) · Type MH 24000 pcs. Embossed Taping (Reel Pack) |
| | 10000 pcs. Polyethylene Bag (Bulk) |

■ Dimensions in mm (not to scale)



■ Dimensions in mm (not to scale)

| Part Numbers | Packaging | Part Numbers | Packaging |
|-----------------|-----------------------------|-----------------|-------------------------|
| ESE22MH53 | Polyethylene Bag (Bulk) | ESE22MH57 | Polyethylene Bag (Bulk) |
| ESE22MH54 | Embossed Taping (Reel Pack) | No. 6 | 1-pole 1-throw |
| No. 5 | 1-pole 1-throw | Solder lug Type | |
| With Frame Type | | | |

| Part Numbers | Packaging | ■ Circuit Diagram |
|-----------------|-------------------------|---|
| ESE22MH58 | Polyethylene Bag (Bulk) | 1-pole 1-throw (N.O) |
| No. 7 | 1-pole 1-throw | |
| Solder lug Type | | ■ Packaging Specifications |
| | | Standard Reel Dimensions in mm (not to scale) |
| | | <p>Taping Reel</p> <p>Embossed Carrier Taping</p> |

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.