

ESB33 Vertical Push Switches

Type: **ESB33 (H=6.0 mm)**

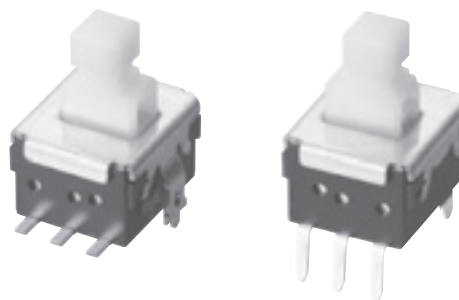
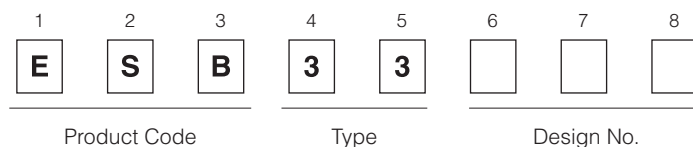
■ Features

- Low profile (H=6.0 mm)
- 3 N and 5 N operating force available

■ Recommended Applications

- Operation switches for automobiles (heater control switches etc.)
- Secondary power switches for lower voltage in consumer electronic equipment and different types of mode switches

■ Explanation of Part Numbers



■ Specifications

Rating	50 μ A 3 V DC to 0.2 A 14 V DC (Resistive load)
Travel	Lock travel=1.5 mm Full travel=2.3 mm
Mounting Height	6.0 mm
Poles and Throws	2-poles 2-throws
Operating Mode	Self-lock, Non-lock
Switching Mode	Non-shorting
Minimum Quantity/Packing Unit	100 pcs. Polyethylene Bag (Bulk) / 300 pcs. Embossed Taping (Reel Pack)
Quantity/Carton	2,000 pcs. Polyethylene Bag (Bulk) / 1,800 pcs. Embossed Taping (Reel Pack)

■ Standard Products

Operating Mode	Terminals	Packaging	Operating Force	Part Numbers	Lever Color
PP	Wave Soldering	Polyethylene Bag (Bulk)	3.0 N $\pm$ 1.0 N	ESB33133	Light Yellow
NL				ESB33134	
PP	Surface Mount	Embossed Taping (Reel)	3.0 N $\pm$ 1.0 N	ESB33535	Light Yellow
NL				ESB33536	

Note: PP=Self-lock NL=Non-lock

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.

No. 1

ESB33133

2-poles 2-throws

PWB mounting hole for reference
(Tolerance: ± 0.05)
View from terminal side

Circuit diagram

No. 2

ESB33536

2-poles 2-throws

PWB mounting hole for reference
(Tolerance: ± 0.05)
View from terminal side

Circuit diagram

Taping Reel

Top view dimensions: $\phi 382.0 \pm 2.0$

Side view dimensions: 25.0

Side view dimensions: 24 ± 0.3

Side view dimensions: 21.3 ± 0.5

Side view dimensions: 1.75 $\pm$ 0.1

Side view dimensions: $\phi 1.5^{+0.1}_{-0.2}$

Side view dimensions: $P = 20 \pm 0.1$

Side view dimensions: 4 ± 0.1

Side view dimensions: 2 ± 0.1

Side view dimensions: Drawing direction

Side view dimensions: END

Side view dimensions: Carrier tape

Side view dimensions: Non-packed portion (160 mm min.)

Side view dimensions: Packed portion

Side view dimensions: Non-packed portion (100 mm min.)

Side view dimensions: Leading portion 400 mm min.

Side view dimensions: Cover tape

Side view dimensions: TOP

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