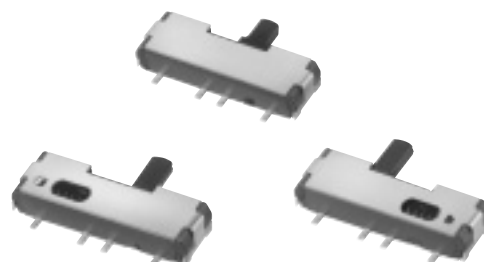


2 mm Size Slide Switches for Reflow Soldering

Japan

Type: **ESD16**

Self-returning, SMD type



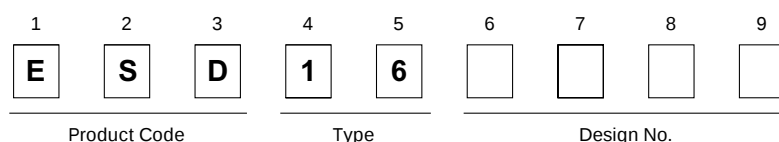
■ Features

- Dual application (detent and self-returning type)
- Available for reflow soldering
- Available for automatic mounting

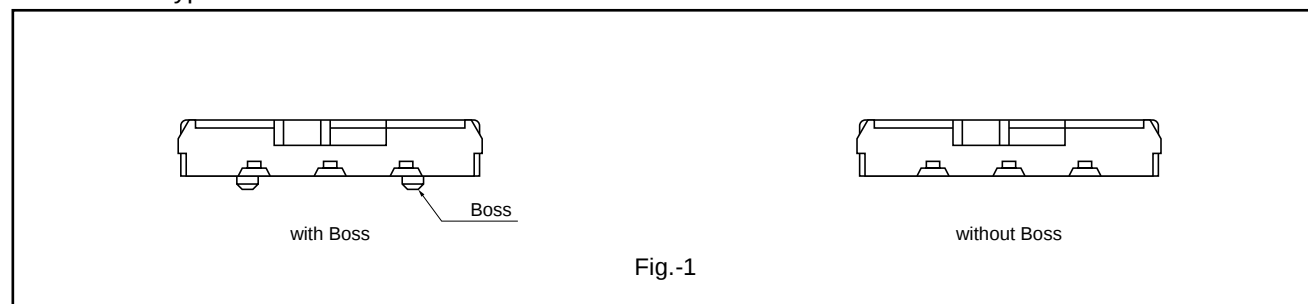
■ Recommended Applications

- Signal switches for cordless telephones
- Power switches for digital still cameras and notebook personal computers

■ Explanation of Part Numbers



■ Standard Types and Part Numbers



Packaging Style	Type	Boss Lever length	with Boss		without Boss	
			2.0 mm	2.5 mm	2.0 mm	2.5 mm
Embossed Taping (Reel Pack)	with Detent		ESD165205	ESD165206	ESD165207	ESD165208
	Self-returning (Right)		ESD165225	ESD165226	ESD165227	ESD165228
	Self-returning (Left)		ESD165235	ESD165236	ESD165237	ESD165238
Polyethylene Bag (Bulk)	with Detent		ESD165255	ESD165256	ESD165257	ESD165258
	Self-returning (Right)		ESD165275	ESD165276	ESD165277	ESD165278
	Self-returning (Left)		ESD165285	ESD165286	ESD165287	ESD165288

Note: With/without Boss, See Fig.-1

Types	with Detent	Self-returning
Lever Position	Horizontal	
Rating	50 μ A 3 Vdc to 0.2 A 5 Vdc (Resistive load)	
Travel	2.0 mm	2.7 mm
Mounting Height	2.0 mm	
Poles and Throws	1-pole 2-throws	
Switching Mode	Non-shorting	
Lever Length	2.0 mm, 2.5 mm	
Minimum Quantity/Packing Unit	200 pcs. Polyethylene Bag (Bulk) / 2000 pcs. Embossed Taping (Reel Pack)	
Quantity/ Carton	4000 pcs.	

No. 1 1-pole 2-throws With Detent <table border="1" data-bbox="153 665 421 761"> <tr> <th>Part Number</th><th>Lever length</th></tr> <tr> <td>ESD165205</td><td>2.0</td></tr> <tr> <td>ESD165206</td><td>2.5</td></tr> </table> Operating Force ↔ ↔ 1.96 N±0.98 N	Part Number	Lever length	ESD165205	2.0	ESD165206	2.5	Circuit diagram View from terminal side Recommended PWB piercing plan Tolerance: ±0.05
Part Number	Lever length						
ESD165205	2.0						
ESD165206	2.5						
No. 2 1-pole 2-throws Self-returning (Right) <table border="1" data-bbox="153 1070 421 1164"> <tr> <th>Part Number</th><th>Lever length</th></tr> <tr> <td>ESD165225</td><td>2.0</td></tr> <tr> <td>ESD165226</td><td>2.5</td></tr> </table> Operating Force ↔ ↔ 2.16 N±0.98 N	Part Number	Lever length	ESD165225	2.0	ESD165226	2.5	Circuit diagram View from terminal side Recommended PWB piercing plan Tolerance: ±0.05
Part Number	Lever length						
ESD165225	2.0						
ESD165226	2.5						
No. 3 1-pole 2-throws Self-returning (Left) <table border="1" data-bbox="153 1447 421 1541"> <tr> <th>Part Number</th><th>Lever length</th></tr> <tr> <td>ESD165235</td><td>2.0</td></tr> <tr> <td>ESD165236</td><td>2.5</td></tr> </table> Operating Force ↔ ↔ 2.16 N±0.98 N	Part Number	Lever length	ESD165235	2.0	ESD165236	2.5	Circuit diagram View from terminal side Recommended PWB piercing plan Tolerance: ±0.05
Part Number	Lever length						
ESD165235	2.0						
ESD165236	2.5						

Taping Reel

Technical drawing showing the Taping Reel. The reel has a diameter of $\phi 330.0 \pm 2.0$ mm. The side view shows a width of 24.4 mm and a thickness of 2.0 mm.

Embossed Carrier Taping

Technical drawing showing the Embossed Carrier Taping. The carrier has a width of 24.0 ± 0.3 mm and a height of 11.5 mm. The pitch is $P = 12.0 \pm 0.1$ mm. The carrier features a series of embossed carriers with a diameter of $\phi 1.5 \pm 0.1$ mm and a width of 4.0 ± 0.1 mm.