

2 mm Size Slide Switches
for Reflow Soldering

Japan

Type: **ESD16**

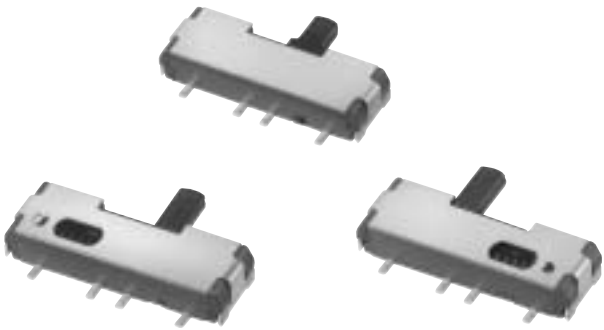
Self-returning and SMD type

■ Features

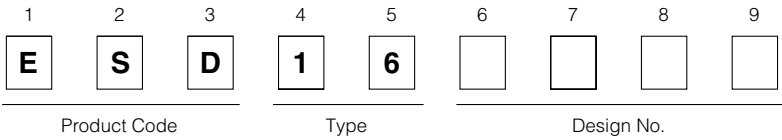
- Dual application: detent and self-returning type
- Available for reflow soldering
- Available for automatic mounting

■ Recommended Applications

- Signal switches for Cordless Telephones
- Power switches for Digital Still Cameras and Notebook Personal Computers



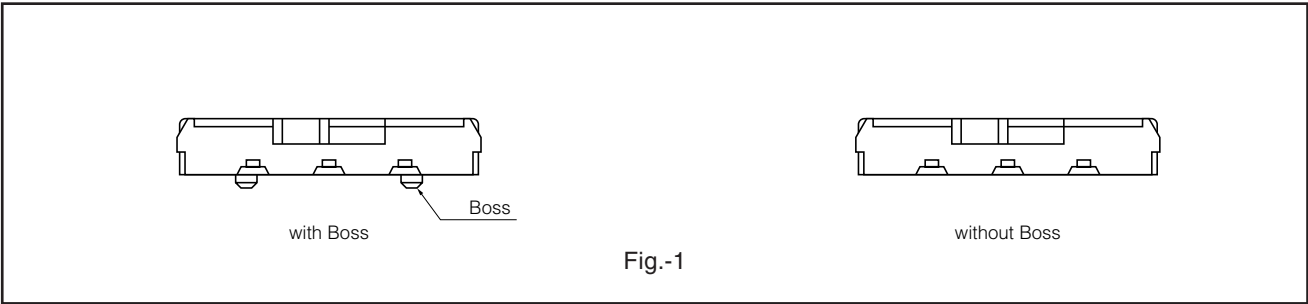
■ Explanation of Part Numbers



■ Standard Types and Part Numbers

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

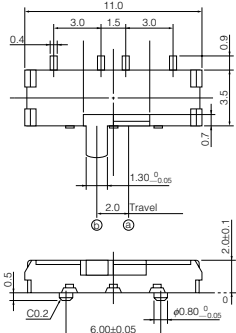
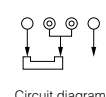
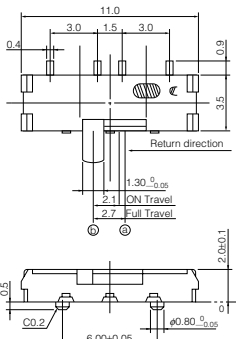
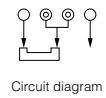
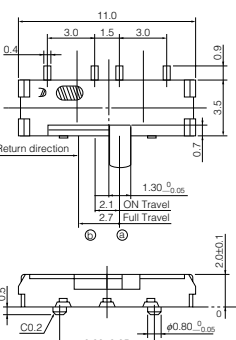
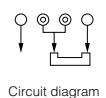
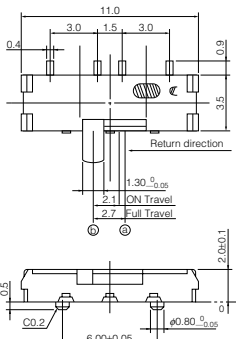
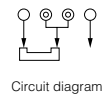
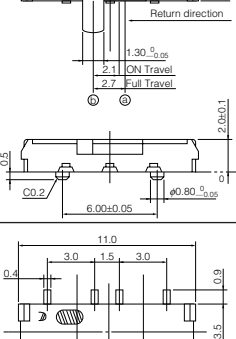
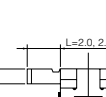
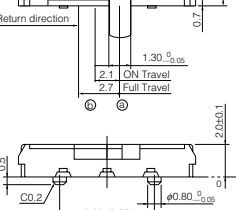
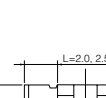
Note: With/without Boss, See Fig.-1



■ Major Specifications

Major Specifications		
Types	with Detent	Self-returning
Lever Position	Horizontal	
Rating	50 μ A 3 Vdc to 0.2 A 5 Vdc	
Travel	2.0 mm	2.7 mm
Poles & Throws	1-pole 2-throws	
Switching Mode	Non-shorting	
Lever Length	2 mm, 2.5mm	
Minimum Quantity/Packing Unit	2000 pcs. (Reel Pack)	
Quantity/Carton	4000 pcs.	

■ Dimensions in mm (not to scale)

No. 1	Registered by EIAJ-SMD Outline Registration System		 Circuit diagram
Part Number ESD165205 ESD165206	Lever length 2.0 2.5		 Circuit diagram
1-pole 2-throw With Detent Operating Force ② ↔ ① 1.96 N±0.98 N			 Circuit diagram
1-pole 2-throw Self-returning (Right) Operating Force ② ↔ ① 2.16 N±0.98 N			 Circuit diagram
1-pole 2-throw Self-returning (Left) Operating Force ② ↔ ① 2.16 N±0.98 N			 Circuit diagram
1-pole 2-throw Self-returning (Left) Operating Force ② ↔ ① 2.16 N±0.98 N			 Circuit diagram

■ Packaging Specifications

Standard Reel Dimensions in mm (not to scale)

Taping Reel

Top view: $\phi 330.0 \pm 2.0$

Side view: 24.4 (width), 2.0 (thickness)

Embossed Carrier Taping

Side view dimensions:

- Total width: 24.0 ± 0.3
- Carrier height: 11.5
- Pitch: $P = 12.0 \pm 0.1$
- Hole diameter: $\phi 1.5 \pm 0.1$
- Carrier body width: 4.0 ± 0.1
- Carrier body thickness: 2.0 ± 0.1

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.