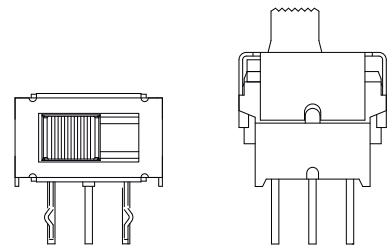


SW-ES40S Series Sub-Miniature Slide Switches, sealed

Specifications	
Contact rating	0.4 VA max. @ 28 V AC / DC
Durability	10000 cycles at full load
Contact resistance	100 mΩ max. initial @ 3 VDC, 100 mA
Insulator resistance	100 MΩ min.
Dielectrical withstanding	500 VAC
Operation temperature	-30 °C to +85 °C
Materials	
Case and frame	Nylon 4/6
Actuator	Nylon 6/6
Contact and terminal	Copper alloy, plating: see order code and table
Switch support	Copper alloy, plating: tin

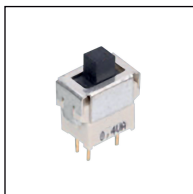


Part numbering guide

S **W** - **E** **S** - **4** **S** - **C** **K** - - **H**

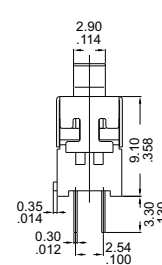
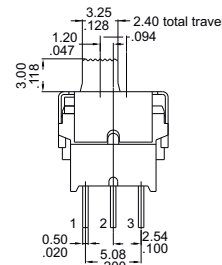
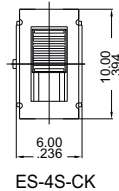
Switch Function		Termination		Contact Plating		RoHS Code	
ES-4S	SP on-none-on	C	straight	K	gold / tin (std.)	(none)	bag or box
ES-4AS	SP on-off-on	H	horizontal	R	gold	T/R	tape & reel
ES-5S	DP on-none-on	V	vertical				
ES-5AS	DP on-off-on						
							H = RoHS Compliant

Straight type

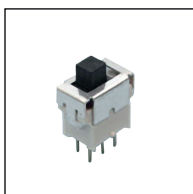
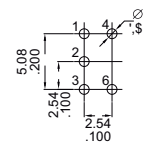


SPDT

Model No.	Switching position		
ES-4S-C	ON	none	ON
ES-4AS-C	ON	OFF	ON
Term. Comm.	2-3	open	2-1

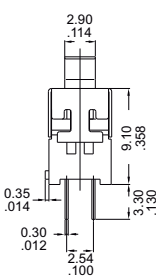
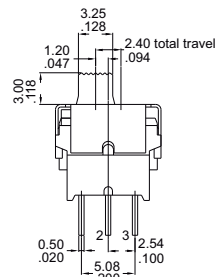
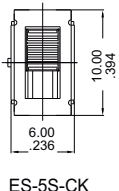


Recommended P.C.B. layout

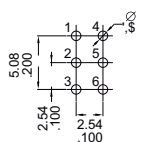


DPDT

Model No.	Switching position		
ES-5S-C	ON	none	ON
ES-5AS-C	ON	OFF	ON
Term. Comm.	2-3,5-6	open	2-1,5-4



Recommended P.C.B. layout



continued on page 2



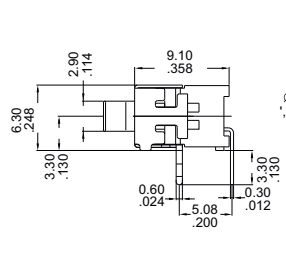
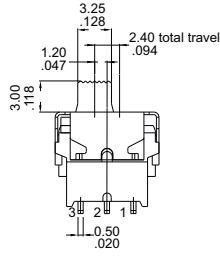
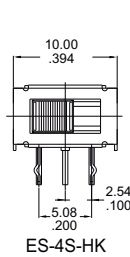
SW-ES40S Series Sub-Miniature Slide Switches, sealed

Right angle horizontal type

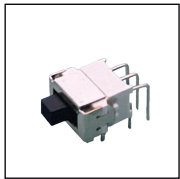
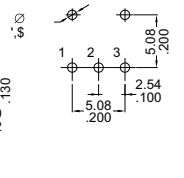


SPDT

Model No.	Switching position		
ES-4S-H	ON	none	ON
ES-4AS-H	ON	OFF	ON
Term. Comm.	2-3	open	2-1

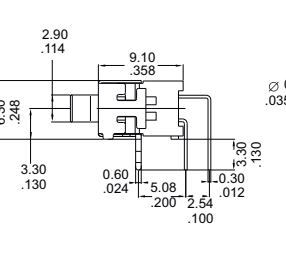
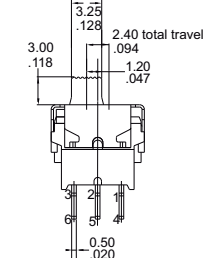
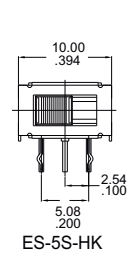


Recommended P.C.B. layout

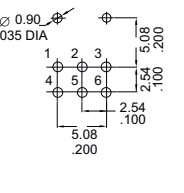


DPDT

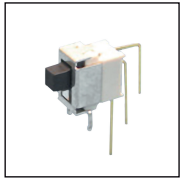
Model No.	Switching position		
ES-5S-H	ON	none	ON
ES-5AS-H	ON	OFF	ON
Term. Comm.	2-3,5-6	open	2-1,5-4



Recommended P.C.B. layout

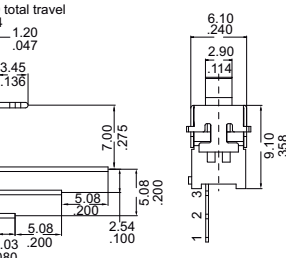
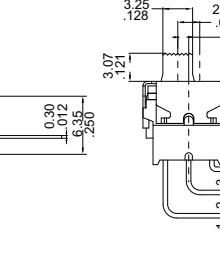
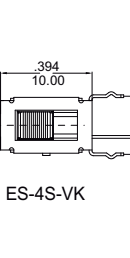


Right angle vertical type

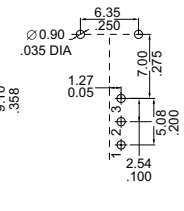


SPDT

Model No.	Switching position		
ES-4S-V	ON	none	ON
ES-4AS-V	ON	OFF	ON
Term. Comm.	2-3	open	2-1

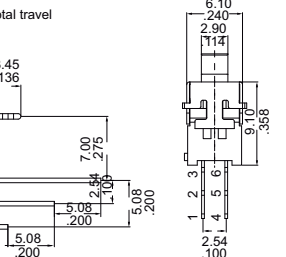
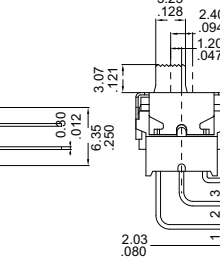
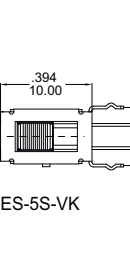


Recommended P.C.B. layout



DPDT

Model No.	Switching position		
ES-5S-V	ON	none	ON
ES-5AS-V	ON	OFF	ON
Term. Comm.	2-3,5-6	open	2-1,5-4



Recommended P.C.B. layout

