

SPECIFICATIONS

CONTACT RATING: 0.4 VA max. @28VDC max.
ELECTRICAL LIFE: 10,000 make-and-break cycles at full load
CONTACT RESISTANCE: 100 mΩ max. initial @2-4 VDC, 100 mA
INSULATION RESISTANCE: 100 MΩ min.
DIELECTRIC STRENGTH: 500 V RMS @ sea level.
OPERATING TEMPERATURE: -30°C to +85°C

MATERIALS

CASE and Frame - Nylon 4 / 6
Actuator - Nylon 6 / 6
TERMINAL - Copper alloy, gold plated
CONTACT - Phosphor bronze, silver plated
SWITCH SUPPORT - Copper alloy, tin plated

How do you build the switches you need!!

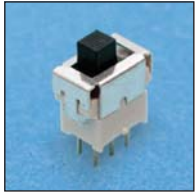
E
S
 -
 4
S
 -
 C
K
 -

Switch Function		Termination		Contact Material		RoHS code
ES-4S	SP on-none-on	C	P.C	K	(std) gold tin plated	H = RoHS Compliant
ES-4AS	SP on-off-on	H	horizon	R	gold plated	
ES-5S	DP on-none-on	V	vertical			
ES-5AS	DP on-off-on	M	SMT			

* Vertical right angle type is on pending. For further information, please inquire our office.

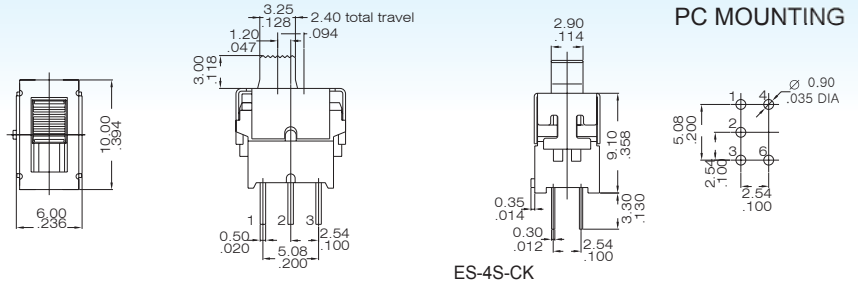


C

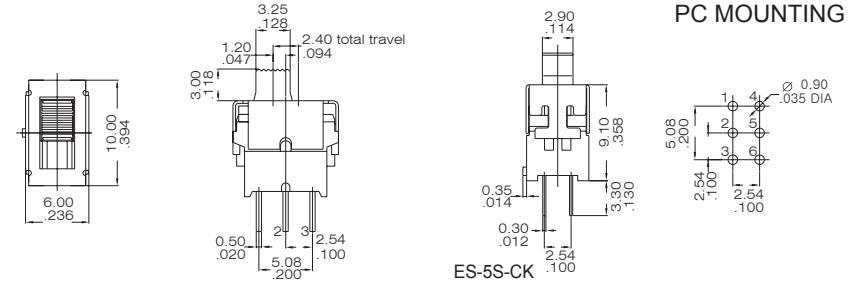


PC (STRAIGHT TYPE)

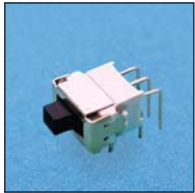
Model No.	Switching position		
ES-4S-C	ON	none	ON
ES-4AS-C	ON	OFF	ON
Term. Comm.	2-3	open	2-1



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

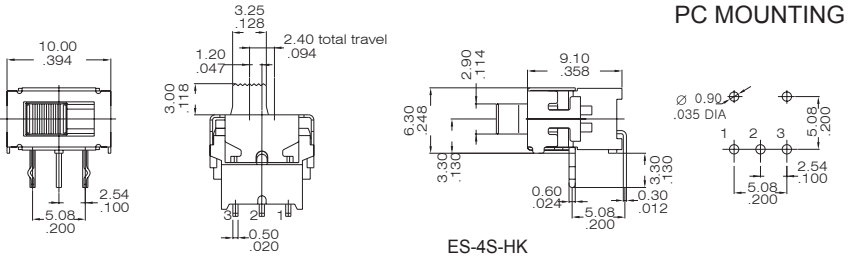


H

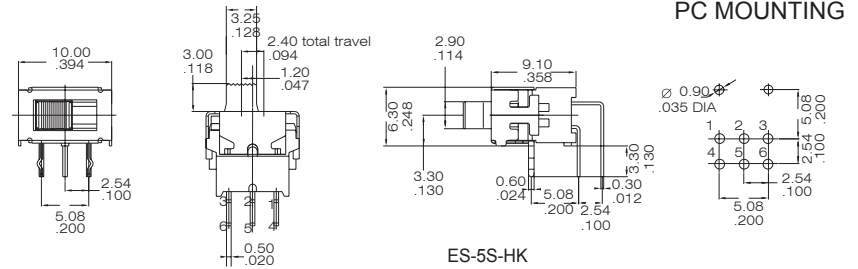
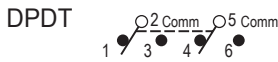


HORIZON RIGHT ANGLE

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



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

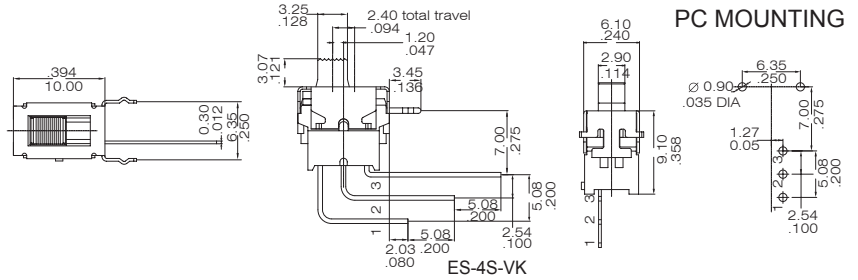


V

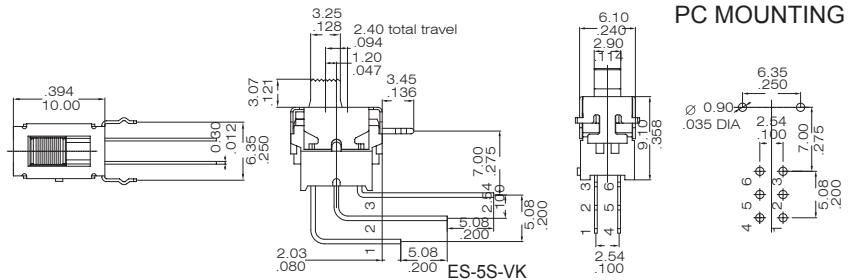
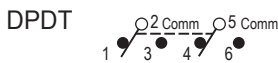


VERTICAL RIGHT ANGLE

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



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

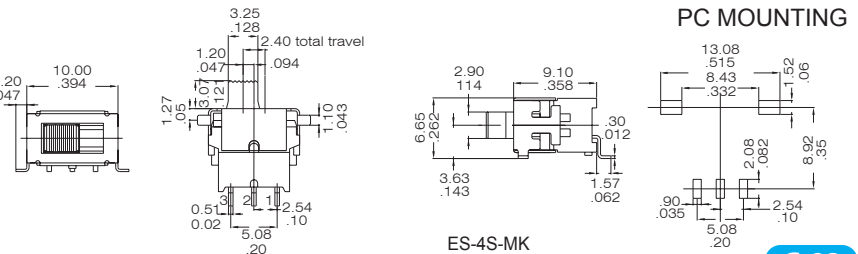


M



SURFACE MOUNTING

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



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TOGGLE

ROCKER

SLIDE

PUSH-BUTTON

DIP

TACT