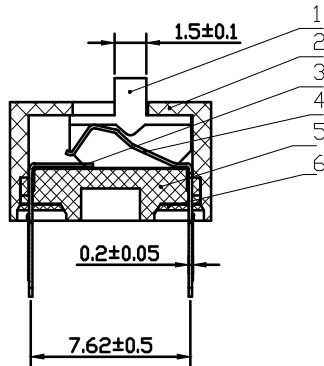
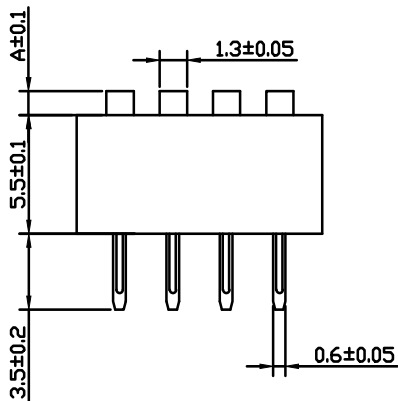
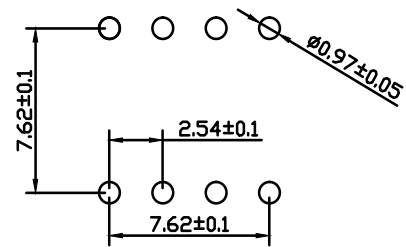


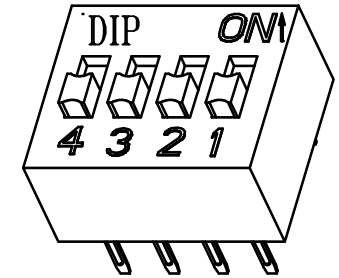
Schematic Diagram



PCB Through-hole

Push Handle Height A Dimension

Type	Value
Standard Height E	1.1
Hidden Handle R	0
Raised Handle H	2.9



3D

Switch Characteristics

- Switching Capacity: Switching: 25mA @24VDC; Non-switching: 100mA @50VDC
- Insulation Resistance: 100MΩ at 500VDC
- Contact Resistance: Max. 50mΩ (initial value); Max. 100mΩ (end-of-life value)
- Dielectric Strength: 500VAC, 50Hz for 1 minute
- Inter-electrode Capacitance: <5pF @ 1MHz±10kHz
- Operating Force: Max. 1000gf
- Electrical Life: 2000 cycles, <100mΩ @ 20 cycles/min, 25mA, 24VDC
- Operating Temperature: -20°C ~ 85°C (Non-icing condition)
- Soldering Requirements:
Manual soldering: 320°C, max. 2 seconds (Max. 30W soldering iron)
Wave soldering: 260°C, max. 5 seconds. Keep switch in OFF state during soldering and cleaning process.
- Switch is delivered in OFF state.

Model Code Description

DS	E	04	R	G	A	T	/XXX
Slide switch code	E: High actuator R: Flat actuator L: Extra-high actuator	4-position	R: Red B: Blue N: Black	G: Standard pin	A: Full gold plating T: Tin-gold plating	Tape-and-reel optional	Additional information

No.	Name	Material	Quantity	Remarks
6	Potting compound	Epoxy resin	1	
5	Switch housing	PBT UL94-V0	1	Black
4	Moving contact	Phosphor bronze gold plated or half tin gold	4	
3	Static contact	Phosphor bronze gold plated or half tin gold	4	
2	Switch cover	PBT UL94-V0	1	Red or blue or black
1	Toggle handle	PBT UL94-V0	4	White

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						www.kinghelm.net			
标记	处数	分区	更改文件号	签名	年月日	Stage Mark	Weight	Scale	DIP Switch
设计			标准化						
审核						1	4:1		KH-BM425404DZ-FZ
工艺			批准						