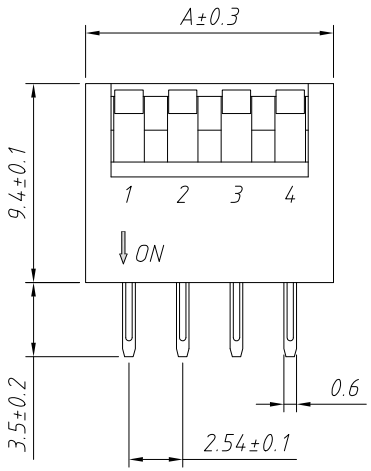
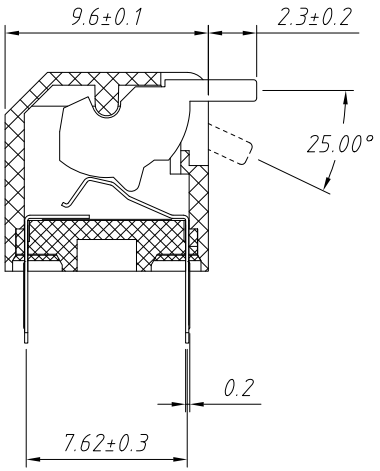
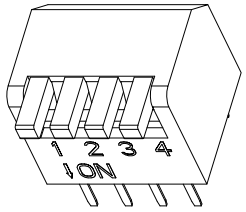
RoHS Compliance

REV	SYM	Revision Record	Appr.	Date
V0	KLS07018	New Version Release	WuHao	2026-09-24





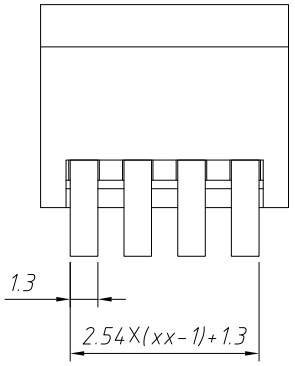


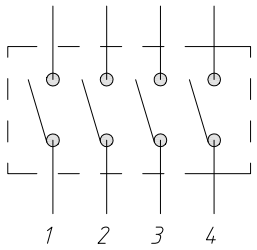
Switch Factory
In disconnected state

Material:
Toggle handle:PBT,UL94-V0,White
Switch Cover:PBT,UL94-V0,Red/Blue/Black
Static spring plate:Phosphorus copper, 3u"Half gold tin
Moving spring leaf:Phosphorus copper, 3u"Half gold tin
Switch holder:PBT,UL94-V0,Black
Potting glue:Epoxy Tree Fingers

Electrical Characteristics:
Switch Capacity:
When switching:25mA at 24VDC
Non-switching time:100mA at 50VDC
Contact resistance:
Initial value:50mΩ Max.
Final life value:100mΩ Max.
Insulation resistance:100MΩ Min at 500VDC
Insulation strength:500VAC 50Hz/1min
Interelectrode capacitance:<5pf,1MHz±10kHz
Operating force:1000gf Max.
Electrical Life:2000 Cycles <100mΩ@20Cycles min
25mA 24VDC
Dielectric Withstanding Voltage: 500 VAC R.M.S.
Temperature range: -40°C To +85°C

Welding requirements:
Manual welding :320°C no more than 2 seconds.
(30 W soldering iron max.)
Wave soldering :260°C for no more than 5 seconds,
The switch is off during welding and cleaning

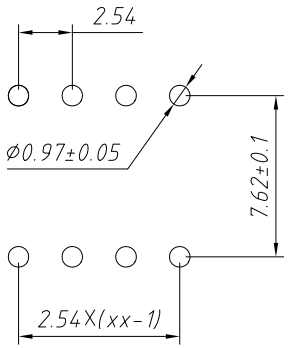




Circuit Diagram

Model No.	No.Pos.	A
DPT-01	01	3.54
DPT-02	02	6.64
DPT-03	03	9.18
DPT-04	04	11.72
DPT-05	05	14.26
DPT-06	06	16.80
DPT-07	07	19.34
DPT-08	08	21.88
DPT-09	09	24.42
DPT-10	10	26.96
DPT-12	12	32.04

Order Information:
L-KLS7-DPT-xx-x-0 0
L: RoHS
Toggle switches
No of Pos.:01~12 Pos
Color:
R=Red,B=Blue,N=Black
0:Non-sealed
Packaging:0=Tube



PCB Layout

ANGLE TOLERANCE	PROJECTION		Description:	Toggle switches
±3°				
GENERAL TOLERANCE	UNITS	mm	KLS P/N:	L-KLS7-DPT-xx-x-00
x.x ±0.30	SHEET SIZE	A4		
x.xx ±0.20	Draw:	WuHao	2026-09-24	NingBo KLS ELECTRONIC CO.,LTD.
x.xxx ±0.10	Check:	Daniel	2026-09-24	