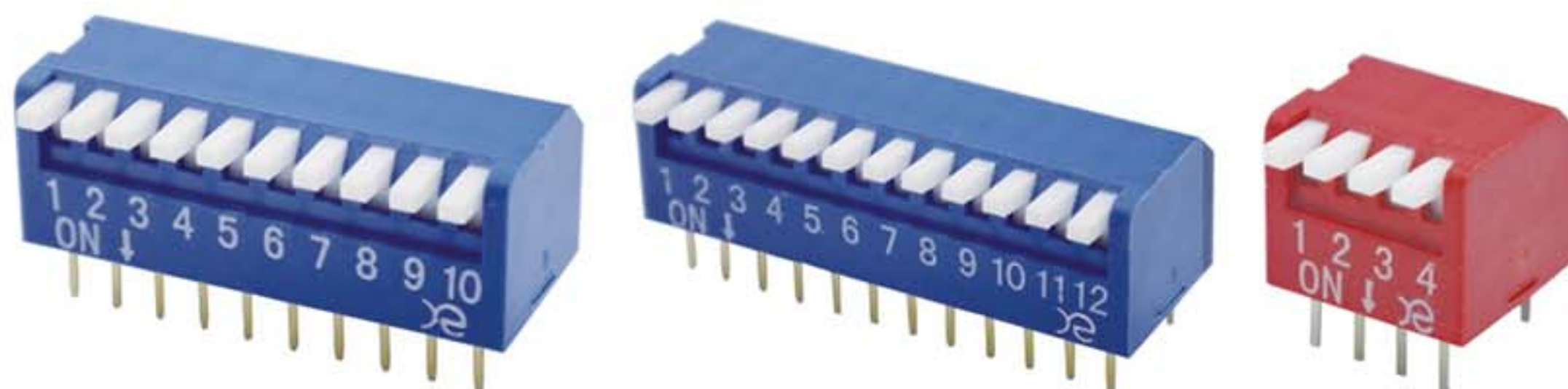


# DSDP Series



## SWITCH OPERATION AND TAPING

- ① Use Tweezers or ball point pen for operation
  - \*keep all actuators in "OFF" position during soldering and cleaning process.
  - \*Any flux enters the switch may influence contact function.

## FEATURES

- ① All materials are UL94V0 grade,high temperature resistanced plastic.
- ② Gold-plated contact to ensure low contact resistance tin plated terminals to prevent contamination during soldering.

## MATERIAL

Part Name	Material	Finished
Base	UL94V0	Black
Cover	UL94V0	Red
Actuator	UL94V0	White
Terminal	Brass	Gold/Tin
Terminal	Brass	Gold/Tin

## RATINGS

Contact Rating	Switching	25mA at 24VDC
	Non-Switching	100mA at 50VDC
Contact Resistance	Initial	50mΩ Max.
	After life	100mΩ Max.
	Insulation Resistance	100MΩ Min.60sec at 500VDC
	Dielectric Strength	500V DC for 60 seconds
	Switch Capacitance	5pF Max. at 1M Hz
	Operation Temperature	-40°C~+85°C
	Storage Temperature	-40°C~+85°C
Mechanical & Processing	Operation Force	1000gf Max.
	Electrical Life	3000 cycles 25mA 24VDC

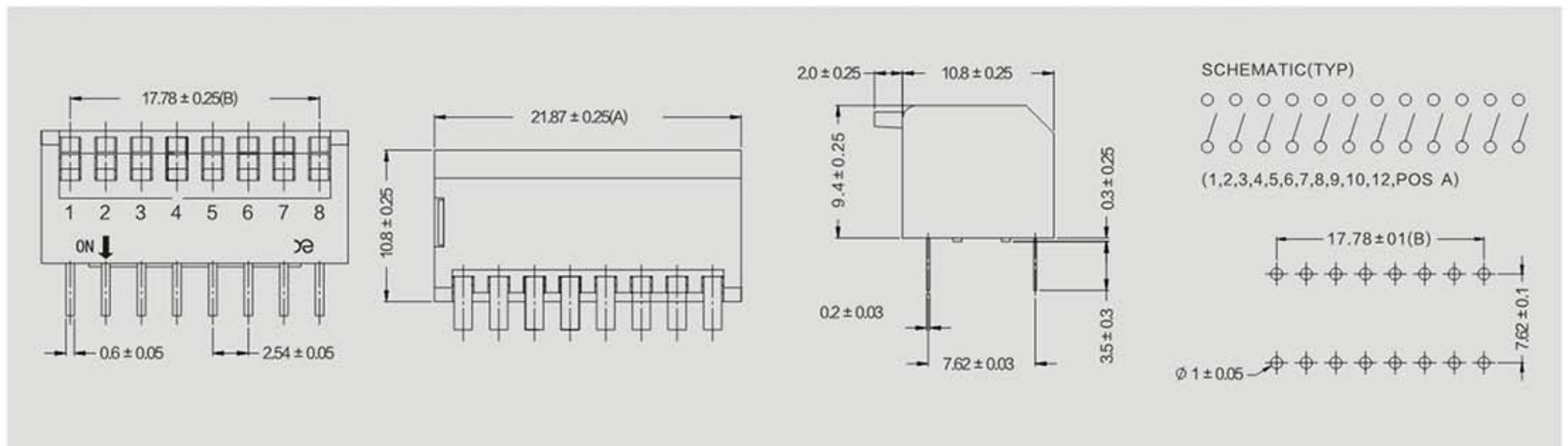
## DIMENSIONS (UNIT:MM)

Gold/Gold Platedg Type P/N	Dimensions mm (inch)		Quantity per Tube
	A	B	
DSDP01LHGET	4.03 (0.16)	/	
DSDP02LHGET	5.57 (0.22)	2.54 (0.1)	70
DSDP03LHGET	9.11 (0.36)	5.08 (0.2)	50
DSDP04LHGET	11.65 (0.46)	7.62 (0.3)	40
DSDP05LHGET	14.19 (0.56)	10.16 (0.4)	33
DSDP06LHGET	16.73 (0.66)	12.70 (0.5)	28
DSDP07LHGET	19.27 (0.76)	15.24 (0.6)	24
DSDP08LHGET	21.87 (0.86)	17.78 (0.7)	21
DSDP09LHGET	24.35 (0.96)	20.32 (0.8)	19
DSDP10LHGET	26.89 (1.06)	22.86 (0.9)	17
DSDP12LHGET	31.97 (1.26)	27.94 (1.1)	12

## ORDER INFORMATION

DSDP	04	L	H	G	E	T
Piano Type	Positions:	Terminal	Finish	Packing		
	01=1 Position	H=Straight	E=3u"Gold-plated	T=Tube		
	02=2 Position		F=10u"Gold-plated			
	08=8 Position		A=12u"Gold-plated			
			B=20u"Gold-plated			
			G=30u"Gold-plated			
Actuator:		Finish				
L=Extension		G=Full Gold				
		S=Contat-Gold-plated				
		Tetminal-Tin Plated				

## DRAGRAM



## ENVIRONMENTAL TEST

<b>Cold Resistance Test</b>	Switches under temperature at $-40^{\circ}\text{C} \pm 2^{\circ}\text{C}$ for 96 hours.
<b>Dry Heat Resistance Test</b>	Switches under temperature at $85^{\circ}\text{C} \pm 2^{\circ}\text{C}$ for 96 hours.
<b>Humidity Test</b>	Per MIL-STD-202F, Method 103B, Test Condition B:
	There shall be no evidence of corrosion and the insulation resistance shall be no less than 100 megaohms.
<b>Vibration Test</b>	Per MIL-STD-202F, Method 204D, Test Condition A:
	There shall be no opening of closed contacts or closing of open contacts in excess of 10 microseconds.
<b>Shock Test</b>	Per MIL-STD-202F, Method 213B, Test Condition A:
	There shall be no opening of closed contacts or closing of open contacts in excess of 10 microseconds.
<b>Thermal Shock Test</b>	Per MIL-STD-202F, Method 107G, Test Condition A:
	There shall be no evidence of physical damage or permanent change in electrical characteristics.
<b>Salt-Spray Test</b>	Per MIL-STD-202F, Method 101D, Test Condition B:
	There are under $35 \pm 2^{\circ}\text{C}$ in temperature and $5 \pm 1\%$ salt-water concentration for $48 \pm 1$ hour.