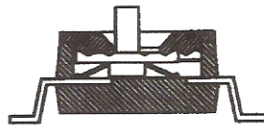
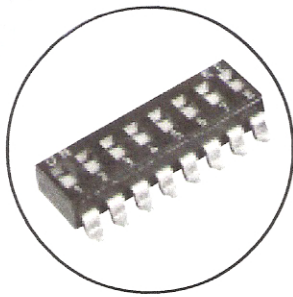


DSIC Series

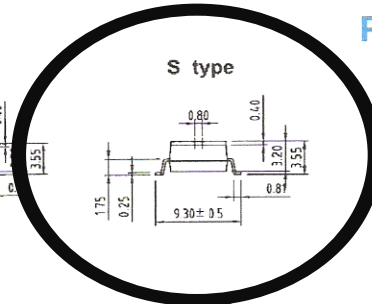
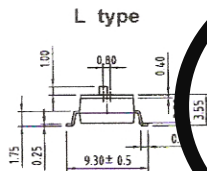
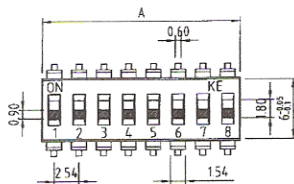
Surface Mount DIP SW



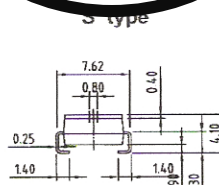
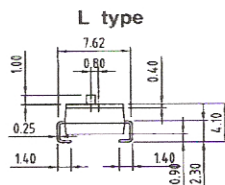
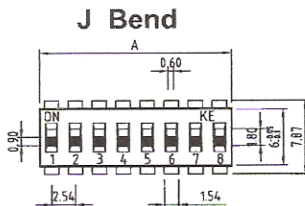
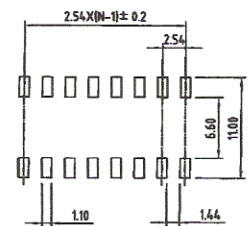
Features

- All materials are UL 94V-0 grade, high temperature resistance plastic.
- Twin contact design to ensure stable contact.
- Gold-plated contact to ensure low contact resistance, Tin plated terminals to prevent contamination during soldering.

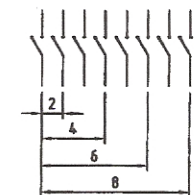
Dimensions (unit: mm)



P.C.B. Layout (unit: mm)



Circuitry



Dimension A:

No. of Positions		2	3	4	5	6
A	mm	5.08	7.62	10.16	12.7	15.24
	inch	0.2	0.3	0.4	0.5	0.6
No. of Positions		7	8	9	10	12
A	mm	17.78	20.23	22.86	25.4	30.48
	inch	0.7	0.8	0.9	1.0	1.2

Material

Part Name	Material	Finished
Base	PPS UL94 V0	Black
Cover	PPS UL94 V0	Black
Actuator	Nylon UL94 V0	White
Movable	Copper Alloy	Gold/Tin
Terminal Contact	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 Max, Min at 100VDC
Dielectric Strength : 500VAC for 60 seconds
Switch Capacitance : 5pF Max at 1MHZ
Operation Temperature : -30°C to +85°C
Storage Temperature : -40°C to +85°C

Mechanical & Processing

- Operation Force : 1000gf Max
Mechanical Life : 3000 cycles operations
Resistance to Soldering : 250°C ±10°C for 10 seconds

Switch Operation and Taping

1. Use Tweezers or ball point pen for operation
2. Flux cleaning should be done without removing the Tape.
3. If the Tape is removed, it adhered less than before when it is placed back on, possibly causing flux inflow.
4. Sealed switches withstand aqueous, detergent and isopropyl alcohol washing.