

FEATURES:

- End stackable series can be used both individually and conjunctly.
When applying to conjunction, the gap between switches is approx. 0.1mm.
- SMT and Through hole types are both available.
- UL94V-0 high-temp thermoplastic is used
- Top tape sealed type permits washing process.
- Gold plating terminals provide high conductivity.

MATERIAL:

- Base & Cover: UL 94V-0 PPS High-Temp, Thermoplastic.
Color: Black
- Actuator: UL 94V-0 LCP High-Temp, Thermoplastic
Color: White
- Contact: Alloy Copper with gold plated
- Terminal: Brass with gold plated
- Tape: Kapton

SPECIFICATION

MECHANICAL

- Mechanical Life: 2000 operations per switch
- Operation Force: 1000 gf max
- Stroke: 1.0mm
- Operation Temperature Range: -40°C to +85°C
- Storage Temperature Range: -40°C to +85°C
- Vibration Test: MIL-STFD-202F METHOD 201A.
Frequency: 10-55-10Hz/1 minute
Directions: X,Y,Z, three mutually perpendicular directions.
Time: 2 hours each direction.
High reliability.
- Shock Test: MIL-STD-202F METHOD 213B
CONDITION A.
Gravity: 50G (peak value), 11 msec
Direction and times: 6 sides and 3 times in each direction.
High reliability.

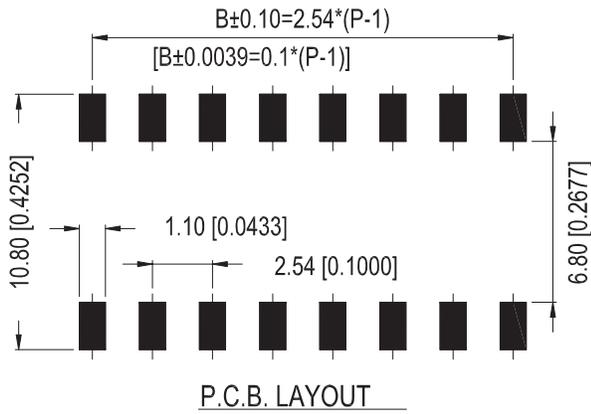
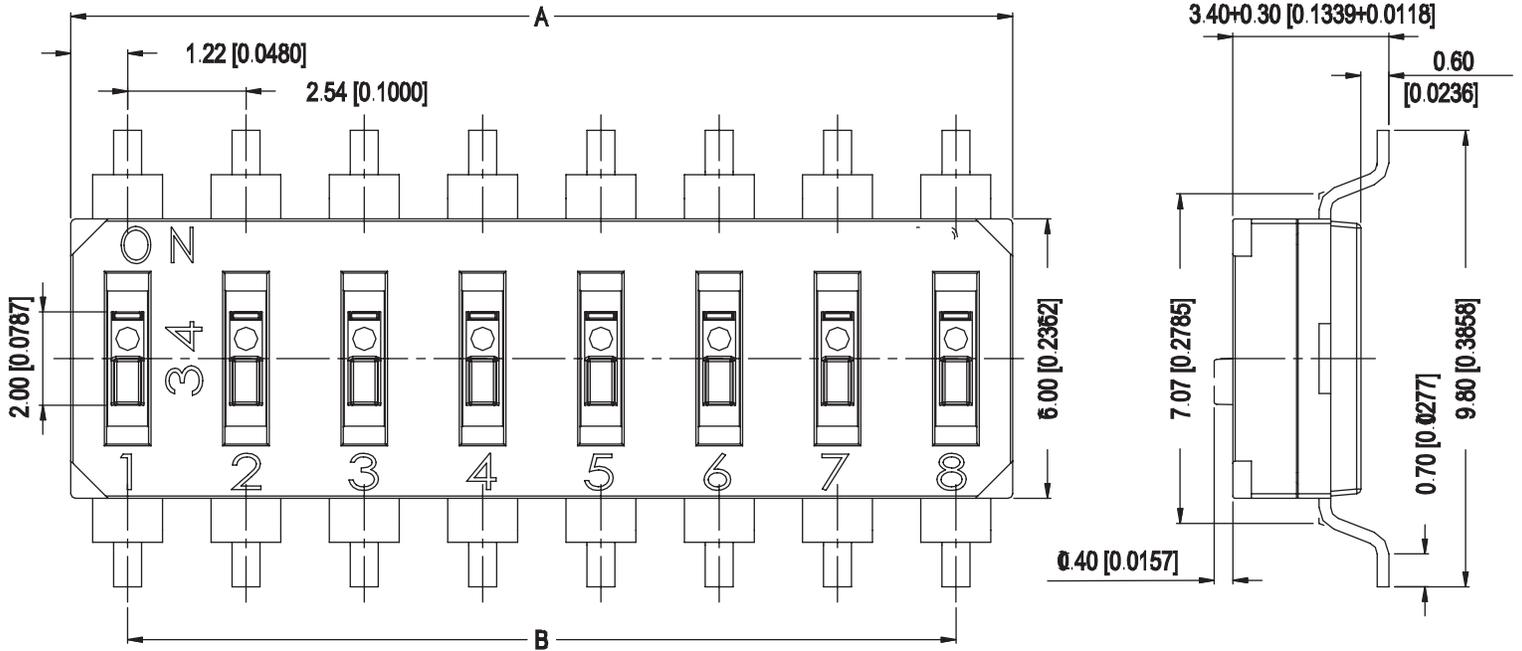
ELECTRICAL

- Electrical Life: 2000 cycles.
- Non-Switching Rating: 25mA, 24VDC
- Contact Resistance: 100m Ωmin at 500VDC
- Dielectric Strength: 500VAC/1 minute.
- Contact Arrangement 1 pole 1 throw

Packaging:

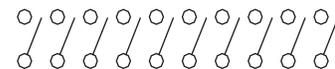
Part Number	Number Per Tube	Number Per Reel
SKM, SKI(R), SKS(R)-01	194	-
SKM, SKI(R), SKS(R)-02	95	-
SKM, SKI(R), SKS(R)-03	63	-
SKM, SKI(R), SKS(R)-04	47	-
SKM, SKI(R), SKS(R)-05	38	-
SKM, SKI(R), SKS(R)-06	31	-
SKM, SKI(R), SKS(R)-07	27	-
SKM, SKI(R), SKS(R)-08	23	-
SKM, SKI(R), SKS(R)-09	21	-
SKM, SKI(R), SKS(R)-10	18	-
SKM, SKI(R), SKS(R)-12	12	-
SKM(R)-01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 12	-	900

SKM(R)



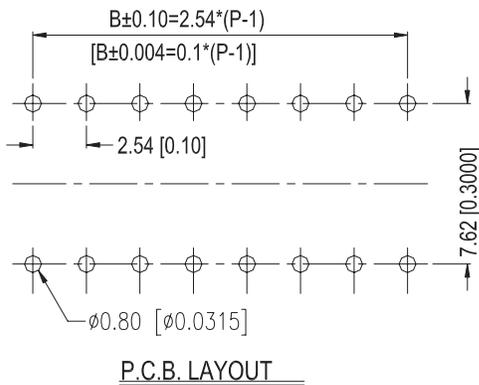
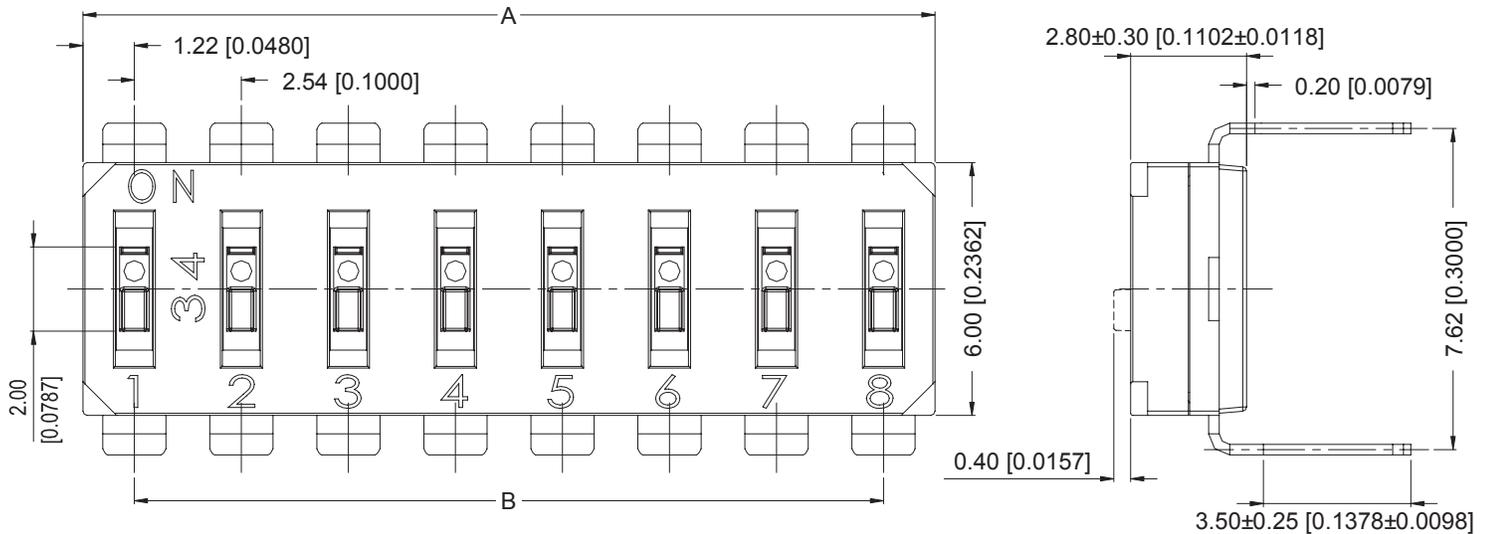
Prod. No.	No. Of Pos.	DIM A	DIM B
SKM(R)-01	1	2.44[.096]	-
SKM(R)-02	2	4.98[.196]	2.54[.100]
SKM(R)-03	3	7.52[.296]	5.08[.200]
SKM(R)-04	4	10.06[.396]	7.62[.300]
SKM(R)-05	5	12.60[.496]	10.16[.400]
SKM(R)-06	6	15.14[.596]	12.70[.700]
SKM(R)-07	7	17.68[.696]	15.24[.600]
SKM(R)-08	8	20.22[.796]	17.78[.700]
SKM(R)-09	9	22.76[.896]	20.32[.800]
SKM(R)-10	10	25.3[.996]	22.86[.900]
SKM(R)-12	12	30.38[1.196]	27.94[1.100]

SCHEMATIC(TYP.)



(1,2,3,4,5,6,7,8,9,10,12, POS AVAIL)

SKI(R)



Note:

1. All dimensions are in millimeters, bracketed dimensions are in inches.
2. General tolerances max $\pm 0.20\text{mm}$.

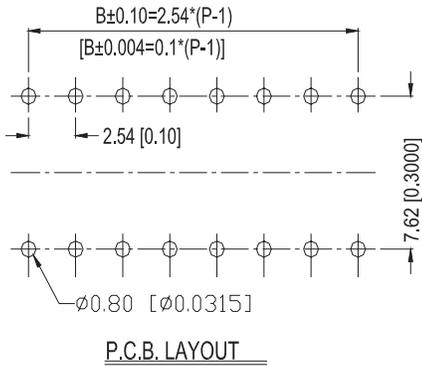
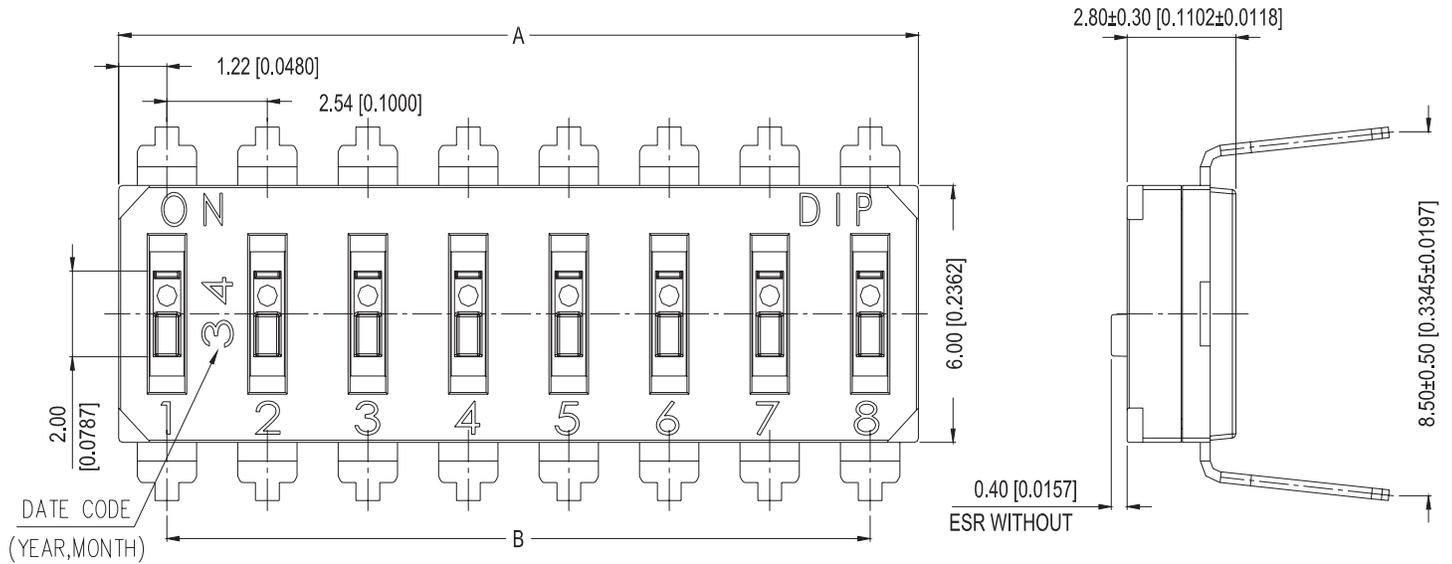
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SCHEMATIC(TYP.)



(1,2,3,4,5,6,7,8,9,10,12, POS AVAIL)

SKS(R)



NOTE:

1. ALL DIMENSIONS ARE IN MILLIMETERS, BRACKETED DIMENSIONS ARE IN INCHES.
2. GENERAL TOLERANCES MAX. ±0.20mm.

Prod. No.	No. Of Pos.	DIM A	DIM B
SKS(R)-01	1	2.44[.096]	-
SKS(R)-02	2	4.98[.196]	2.54[.100]
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SCHEMATIC(TYP.)



(1,2,3,4,5,6,7,8,9,10,12, POS AVAIL)

HOW TO ORDER:

SK □ □ - □ □ - □ □ □

Package Style:

□ = Tube

T/R = Tape & Reel

Soldering:

R = Lead Free Solderable

Seal:

□ = Regular

T = Top Tape Sealed (For Recessed Actuator Only)

Number Of Positions:

01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 12 Positions.

Actuator Type:

□ = Raised Actuator

R = Recessed Actuator

Terminal Type:

M = S.M.T Type 9.8mm Width

I = Through Hole Type 7.62mm Pitch

S = Through Hole Type 8.50mm Pitch

End-Stackable Dip Switch

Soldering Process

▲ Keep all switch contacts in their "OFF" position for all operations.

▲ Hand Soldering : Use a soldering iron of 30 watts, controlled at 350°C approx. 5 seconds.

▲ Wave Soldering : Recommended temperature at 500°F(260°C) max 5 seconds for through hole type.

▲ Reflow Soldering: When applying soldering, the peak temperature should be set at 260°C max.

▲ Do not wash the switch body except top tape sealed type, which suitable for spray cleaning method from top of the s/w

Temperature Profile:

