

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
- Gold plating terminals provide high conductivity.

MATERIAL:

- Cover: UL 94V-0 Nylon High-Temp, Thermoplastic.
Color: Black
- Base: UL 94V-0 Nylon High-Temp, Thermoplastic.
Color: Black
- Stem: UL 94V-0 LCP High-Temp, Thermoplastic
Color: White
- Contact: Alloy Copper with gold cladding
- Terminal: Brass with gold cladding

SPECIFICATION

MECHANICAL

- Mechanical Life: 2000 cycles
- Operation Force: 800 gf max
- Stroke: 1.0mm
- Operation Temperature Range: -20°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.

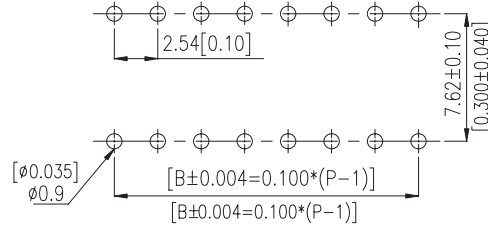
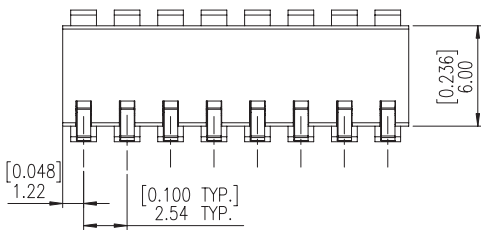
ELECTRICAL

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

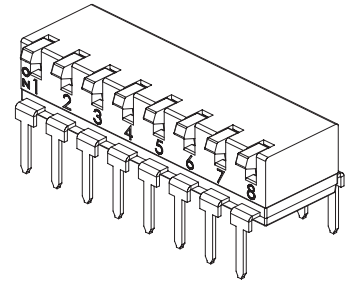
Packaging:

Part Number	Number Per Tube	Number Per Reel
SKPD-02, SKPC-02	95	-
SKPD-04, SKPC-04	47	-
SKPD-06, SKPC-06	31	-
SKPD-08, SKPC-08	23	-
SKPD-10, SKPC-10	18	-
SKPC-02, 04, 06, 08, 10	-	700

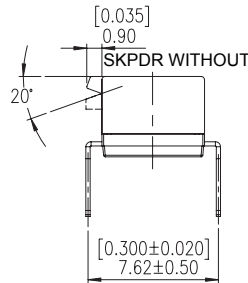
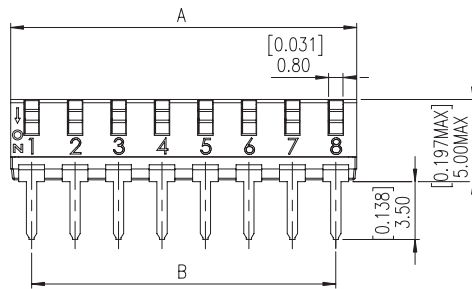
SKPD(R)



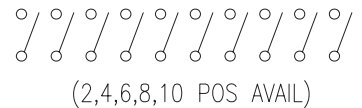
P.C.B. LAYOUT



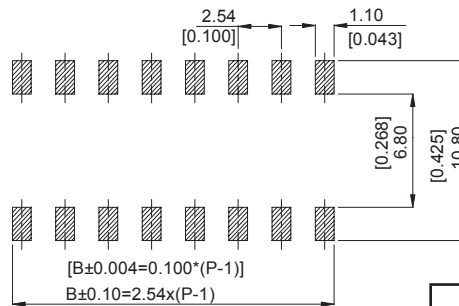
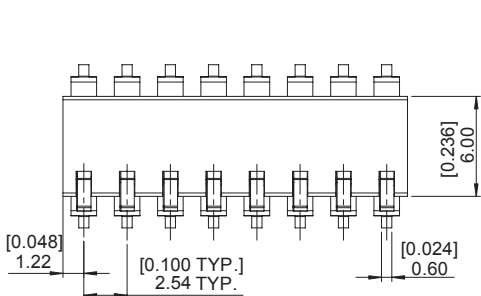
Prod No	No. Of Pos.	Dim. A	Dim. B
SKPD(R)-10	10	25.30 [966]	22.86 [900]
SKPD(R)-08	8	20.22 [796]	17.78 [700]
SKPD(R)-06	6	15.14 [596]	12.70 [500]
SKPD(R)-04	4	10.06 [396]	7.62 [300]
SKPD(R)-02	2	4.98 [196]	2.54 [100]



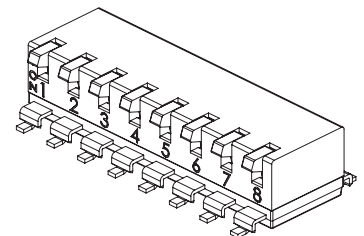
SCHEMATIC(TYP.)



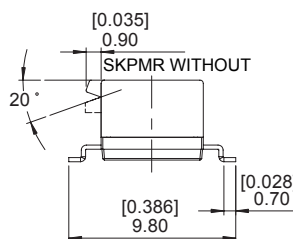
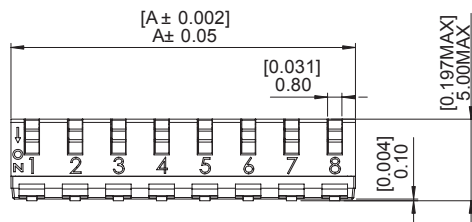
SKPC(R)



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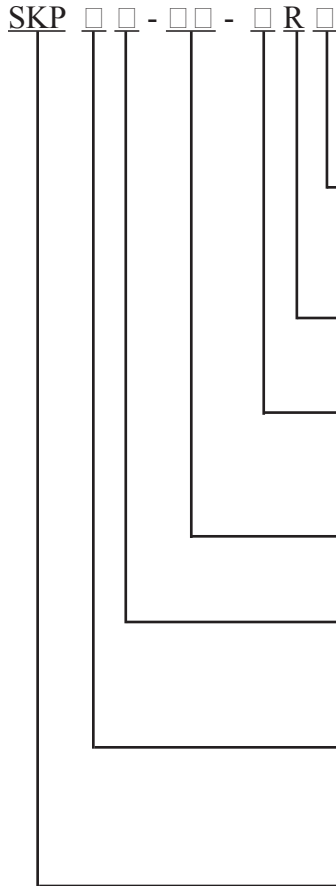
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SCHEMATIC(TYP.)



HOW TO ORDER:



Package Style:
B = Tube
T/R = Tape & Reel (Only SMT)

Soldering:
R = Lead Free Solderable

Push Down Type:
F = Push Down Off
N = Push Down On

Number Of Positions:
02, 04, 06, 08, 10 Positions.

Actuator Type:
□ = Long Actuator
R = Short Actuator

Terminal Type:
D = Through Hole Type
C = SMT Type

End-Stackable Piano Dip Switch

Soldering Process

- ▲ Wave Soldering: Recommended solder temperature at 260°C Max of 5 seconds for through hole type.
- ▲ Hand Soldering : Use a soldering iron of 30 watts, controlled at 350°C approx. 5 seconds while applying.
- ▲ Reflow Soldering: When applying reflow soldering the peak temperature of the reflow Oven should be set at 260°C max
- ▲ Do not wash the switch except top tape sealed type, which suitable for spray cleaning method from top of the s/w.

Temperature Profile:

