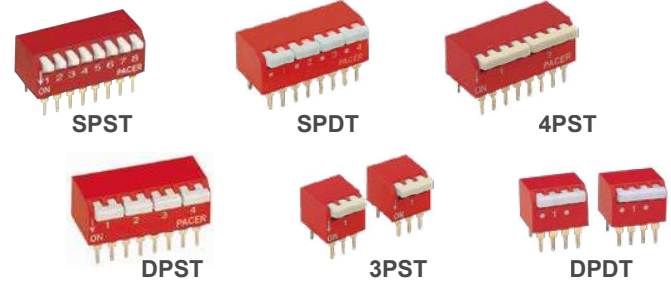


DPG/DPS Series

EDGE ACTUATED TYPE



FEATURES

- Edge actuated type (Piano Type) is easy setting on closely racked PCB
- Tactile response is performed directly by larger contact pressure to ensure stable contact
- All plastics are UL 94V-0 grade fire retardant
- Bottom epoxy sealed to ensure free of flux immersion during wave soldering.
- Contact wiping on make and break
- Gold, Silver or Tin plated contacts to ensure low contact resistance and long mechanical life
- Ideal for data processing, communications, remote controls and burglar alarm system use, where manual programming is required
- RoHS Compliant

APPLICATIONS

- Numerical setting for computer terminal equipment
- Price setting for vending machines
- Programming for game machines
- Programming for industrial equipment and measuring instruments

SPECIFICATIONS

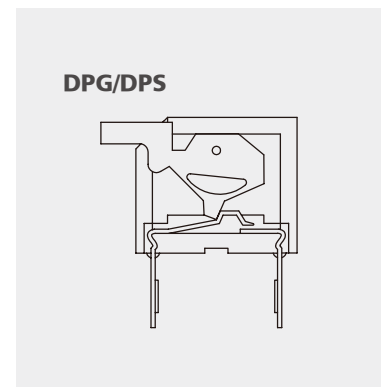
1. ELECTRICAL

Contact rating	
switching	25 mA, 24 VDC
non-switching	100 mA
Contact resistance (After life test)	100 mΩ Max.
Insulation resistance	1,000 MΩ Min at 100 VDC
Dielectric strength	500 VDC Min. for 60 seconds
Leakage current	2mA Max.
Capacitance between adjacent switches	5 pF Max

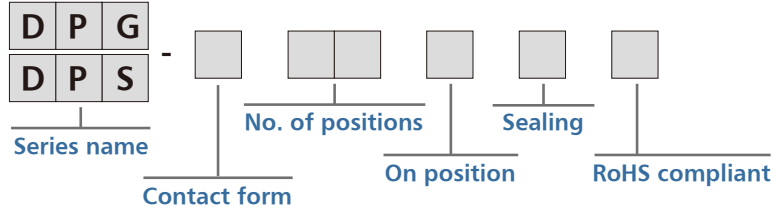
2. MECHANICAL and ENVIRONMENTAL

Temperature rating	
operating	-40°C to +85°C
storage	-40°C to +85°C
Operation force	800g Max. (SPST only)
Mechanical life	2,000 operations
Humidity	95% RH, 40°C for 96 Hrs.
Vibration	10Hz - 55Hz - 10Hz for 6 Hrs.
Solderability	After flux 245±5°C for 5±1 second
Resistance to Soldering heat	
Solder bath	260±5°C for 5±1 second

CONSTRUCTION



PART NUMBERING SYSTEM



Series name	
D P G	Gold plated contacts
D P S	Silver or Tin Plated contacts Edge Actuated Type

Contact form	
1	SPST
2	DPST
3	SPDT
4	3PST
5	4PST
6	DPDT

No. of positions	
As Dimensions and Circuitry	

On position	
U	Top side "OFF"
D	Top side "ON"

Sealing	
[]	Without top tape sealed
T	With top tape sealed

RoHS compliant	
[]	Standard (For DPG series only)
F	RoHS compliant (For DPS series only)

DIMENSIONS AND CIRCUITRY

Unit : mm (inch)

DP□-1□□□U□

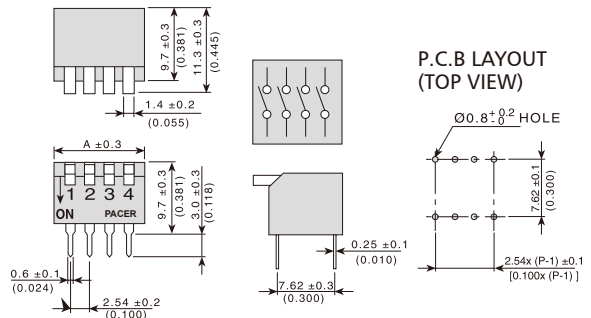
SPST



DIMENSION A

POSITIONS	2	3	4	5	6
A	6.7 (0.264)	9.2 (0.362)	11.7 (0.461)	14.2 (0.559)	16.7 (0.657)

POSITIONS	7	8	9	10	12
A	19.2 (0.756)	21.7 (0.854)	24.4 (0.953)	26.7 (1.05)	31.8 (1.25)



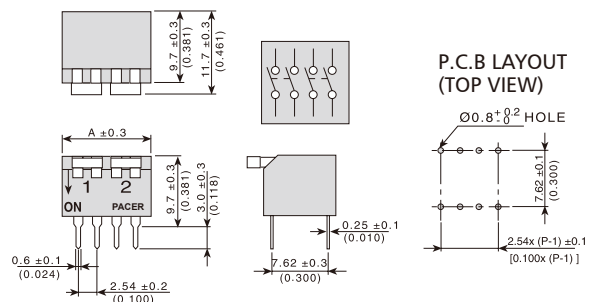
DP□-2□□□U□

DPST

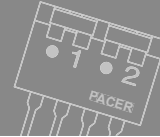


DIMENSION A

POSITIONS	1	2	3	4	5	6
A	6.7 (0.264)	11.7 (0.461)	16.7 (0.657)	21.7 (0.854)	26.7 (1.05)	31.8 (1.25)

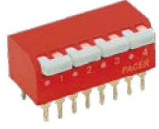
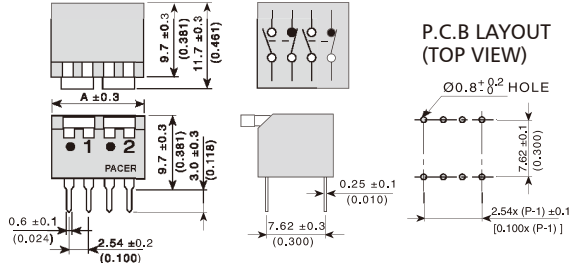
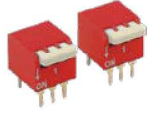
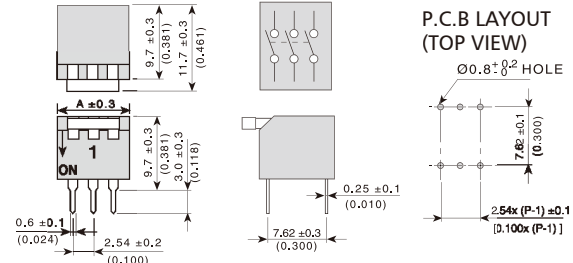

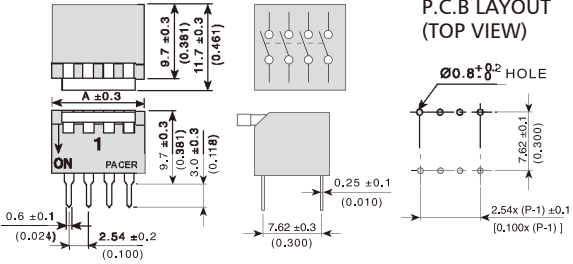

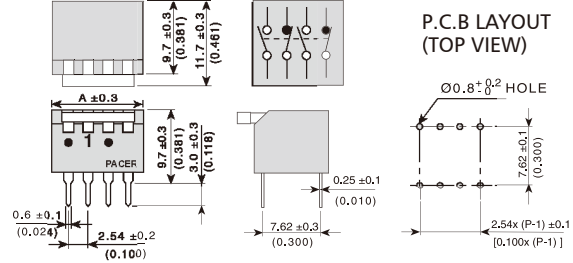


SWITCH DIP SWITCH



DIMENSIONS & CIRCUITRY

Unit mm (inch)

DP□-3□□U□	SPDT														
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POSITIONS	1	2	3												
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OPTIONS

- Special top or side marking available
- Normal "ON" (top side "ON") available
- Tape sealed

WARNING : Please keep contacts in OFF position during wave soldering.

