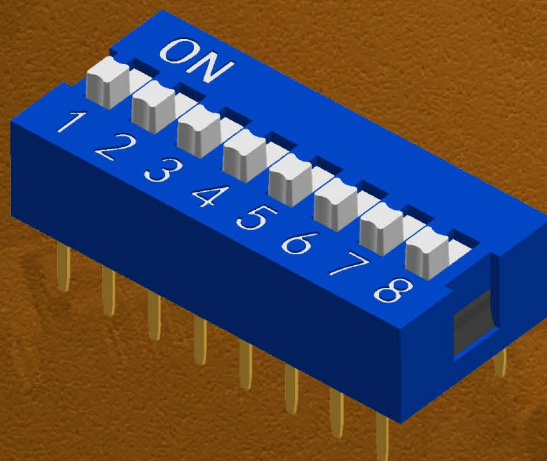


Dip Switch

Connectors

D
ip Switch



Dip Switch 1.27mm SMT Vertical Type

SPECIFICATIONS

Dielectric Strength:500VAC / 1MIN

Contact Rating { Switching: 25mA, 24VDC
NON-Switching: 100mA,50VDC

Contact Resistance { Initial:50mΩ MAX
After Life Test:100mΩ MAX

Insulation Resistance:100mΩ MIN At 500VAC

Mechanical Life:5,000 Cycles

Electrical Life:3,000 Cycles

Operating Force:1,000g MAX

MATERIAL

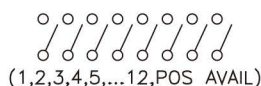
Base:PPS, UL94V-0, Black

Terminal:Brass, Gold Plated

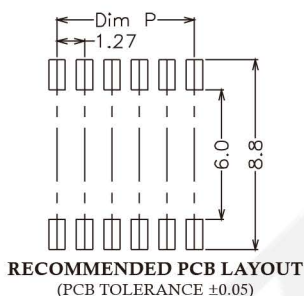
Contact:Beryllium Copper, Gold Plated

Cover:PPS, UL94V-0, Black

Actuator:Nylon 46, UL94V-0



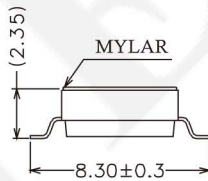
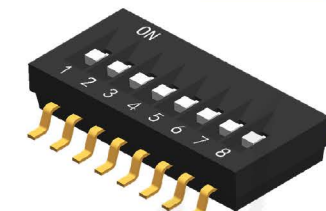
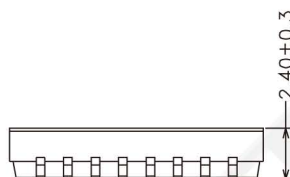
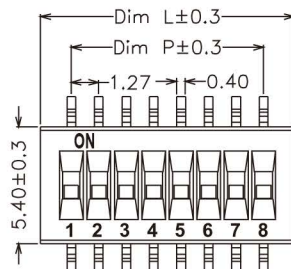
CIRCUIT DIAGRAM



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

6SDMS01-023 3 XX X X X K01

Pitch 3:1.27mm	NO. OF Poles (02-10P, 12P)	Color B:Black	M:T/R With Mylar
			E:W/O Peg W/O Ground W/O Shell



POLES	02P	03P	04P	05P	06P	07P	08P	09P	10P	12P
DIM P	1.27	2.54	3.81	5.08	6.35	7.62	8.89	10.16	11.43	13.97
DIM L	4.09	5.36	6.63	7.90	9.17	10.44	11.71	12.98	14.25	15.52

Dip Switch 2.54mm SMT Vertical Type

SPECIFICATIONS

Dielectric Strength:500VAC / 1MIN

Contact Rating { Switching: 25mA, 24VDC
NON-Switching: 100mA,50VDC

Contact Resistance { Initial:50mΩ MAX
After Life Test:100mΩ MAX

Insulation Resistance:100mΩ MIN At 500VAC

Mechanical Life:5,000 Cycles

Electrical Life:3,000 Cycles

Operating Force:1,000g MAX

MATERIAL

Base:Nylon 9T, UL94V-0, Black

Terminal:Brass, Gold Plated

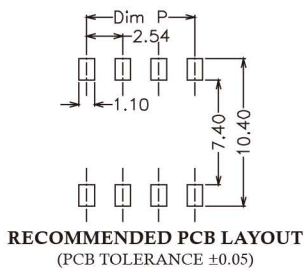
Contact:Beryllium Copper, Gold Plated

Cover:Nylon 9T, UL94V-0, Black

Actuator:Nylon 46, UL94V-0



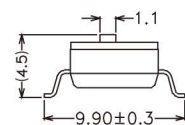
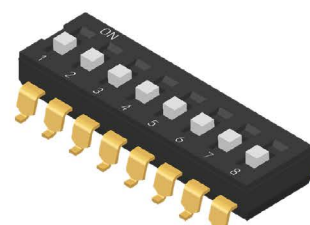
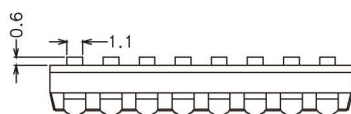
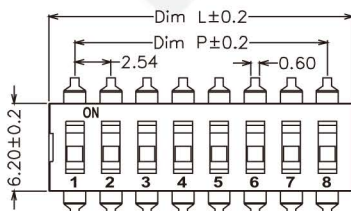
CIRCUIT DIAGRAM



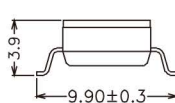
RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ± 0.05)

6SDMS01-XXX 1 XX X X X K01

Series Code 039 045	Pitch 1:2.54mm	NO. OF Poles (01-10P, 12P)	Color B:Black	H:T/R W/O Cap
				E:W/O Peg W/O Ground W/O Shell



6SDMS01-045***
RAISED ACTUATOR TYPE



6SDMS01-039***
FLAT ACTUATOR TYPE

TABLE

P/N	Height
6SDMS01-0391XXBXXK01	3.9mm
6SDMS01-0451XXBXXK01	4.5mm

POLES	01P	02P	03P	04P	05P	06P	07P	08P	09P	10P	12P
DIM P	-	2.54	5.08	7.62	10.16	12.70	15.24	17.78	20.32	22.86	27.94
DIM L	3.64	6.18	8.72	11.26	13.80	16.34	18.88	21.42	23.96	26.50	31.58

Dip Switch 2.54mm SMT Right Angle Type

SPECIFICATIONS

Dielectric Strength:500VAC / 1MIN

Contact Rating { Switching: 25mA,24VDC
NON-Switching: 100mA,50VDC

Contact Resistance { Initial:50mΩ MAX
After Life Test:100mΩ MAX

Insulation Resistance:100mΩ MIN At 500VAC

Mechanical Life:5,000 Cycles

Electrical Life:3,000 Cycles

Operating Force:1,000g MAX

MATERIAL

Base:PPS, UL94V-0, Black

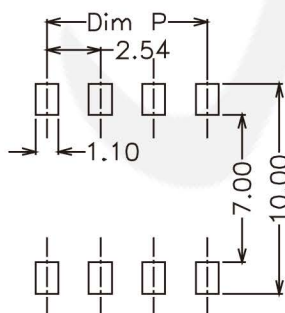
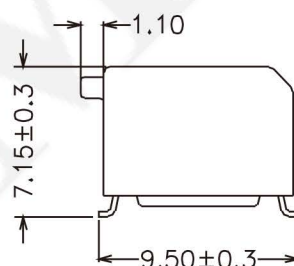
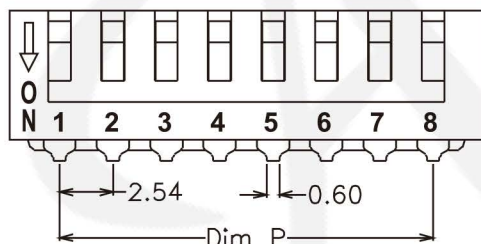
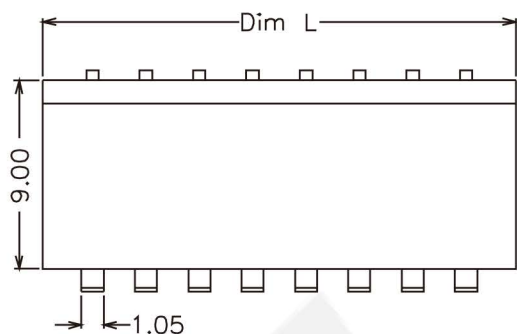
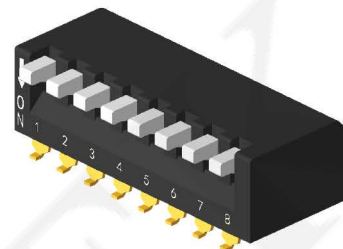
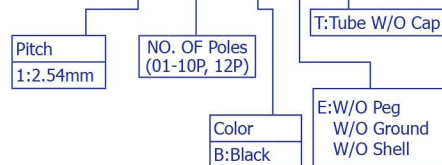
Terminal:Brass, Gold Plated

Contact:Phosphor Bronze, Gold Plated

Cover:PPS, UL94V-0, Black

Actuator:Nylon 46, UL94V-0

6SDMR01-101 1 XX X X X K01



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ±0.05)



CIRCUIT DIAGRAM

POLES	01P	02P	03P	04P	05P	06P	07P	08P	09P	10P	12P
DIM P	-	2.54	5.08	7.62	10.16	12.70	15.24	17.78	20.32	22.86	27.94
DIM L	4.14	6.68	9.22	11.76	14.30	16.84	19.38	21.92	24.46	27.00	32.08

Dip Switch

ROHS

Dip Switch 2.54mm DIP Vertical Type

SPECIFICATIONS

Dielectric Strength: 500VAC / 1MIN

Contact Rating { Switching: 25mA, 24VDC
NON-Switching: 100mA, 50VDC

Contact Resistance { Initial: 50mΩ MAX
After Life Test: 100mΩ MAX

Insulation Resistance: 100mΩ MIN At 500VAC

Mechanical Life: 5,000 Cycles

Electrical Life: 3,000 Cycles

Operating Force: 1,000g MAX

MATERIAL

Base: PBT, UL94V-0

Terminal: Phosphor Bronze, Gold Plated

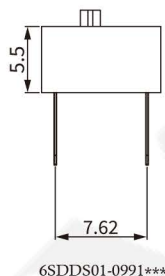
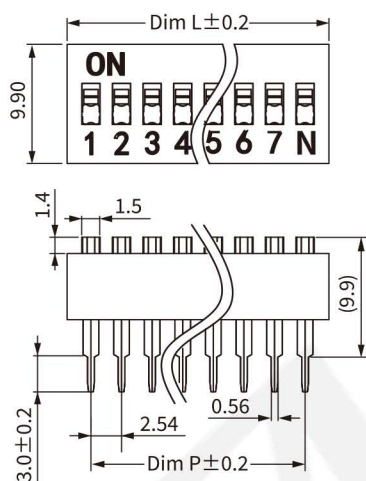
Cover: PBT, UL94V-0, Black or Red or Blue

Actuator: PBT, UL94V-0

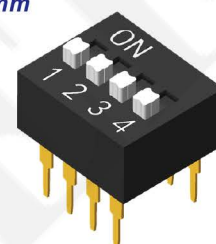
Tape Sealed: Polyester Film

6SDDS01-XXX 1 XX X X X K01

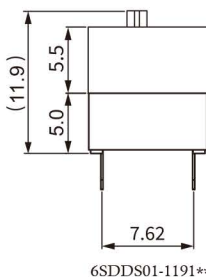
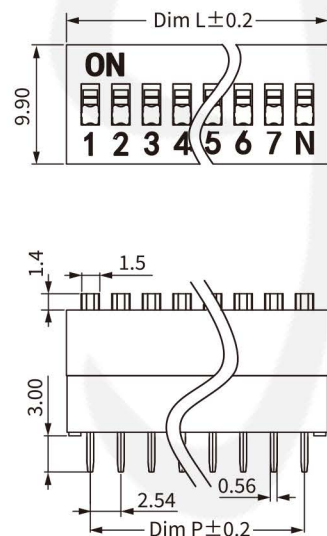
Series Code	Pitch	NO. OF POLES (01-10P, 12P)	T: Tube W/O Cap
099	1: 2.54mm		
119			
169			
		Color	E: W/O Peg W/O Ground W/O Shell
		B: Black	
		U: Blue	
		R: Red	



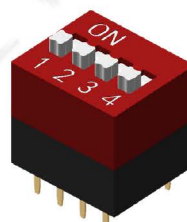
◆ 9.9mm



6SDDS01-099 1XX XXX K01

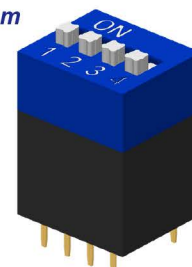


◆ 11.9mm



6SDDS01-119 1XX XXX K01

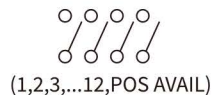
◆ 16.9mm



6SDDS01-169 1XX XXX K01

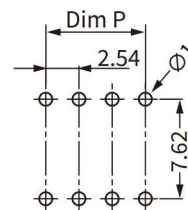
TABLE

P/N	Height
6SDDS01-0991XXXXXXK01	9.9mm
6SDDS01-1191XXXXXXK01	11.9mm
6SDDS01-1691XXXXXXK01	16.9mm



CIRCUIT DIAGRAM

POLES	01P	02P	03P	04P	05P	06P	07P	08P	09P	10P	12P
DIM P	-	2.54	5.08	7.62	10.16	12.70	15.24	17.78	20.32	22.86	27.94
DIM L	3.96	6.50	9.04	11.58	14.12	16.66	19.20	21.74	24.28	26.82	31.90



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ±0.05)

Dip Switch 2.54mm DIP Vertical Type

SPECIFICATIONS

Dielectric Strength:500VAC / 1MIN

Contact Rating { Switching: 25mA,24VDC
NON-Switching: 100mA,50VDC

Contact Resistance { Initial:50mΩ MAX
After Life Test:100mΩ MAX

Insulation Resistance:100mΩ MIN At 500VAC

Mechanical Life:5,000 Cycles

Electrical Life:3,000 Cycles

Operating Force:1,000g MAX

MATERIAL

Base:Nylon 9T, UL94V-0, Black

Terminal: Brass, Gold Plated

Contact:Beryllium Copper, Gold Plated

Cover:Nylon 9T, UL94V-0, Black

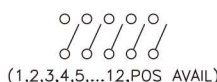
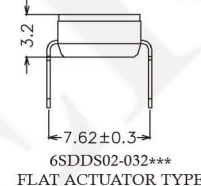
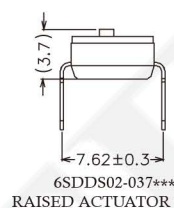
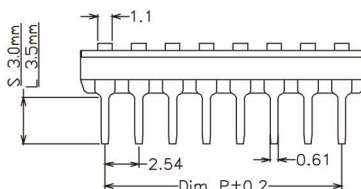
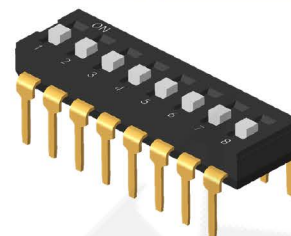
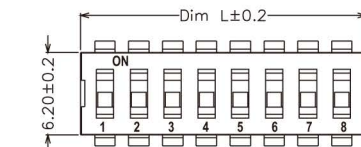
Actuator:Nylon 46, UL94V-0

6SDDS02-XXX 1 XX X X X K01

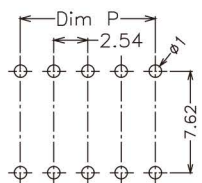
Series Code	Pitch	NO. OF Poles (01-10P, 12P)	T:Tube W/O Cap
032	1:2.54mm		
037			

Color
B:Black

E:W/O Peg
W/O Ground
W/O Shell



CIRCUIT DIAGRAM



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ±0.05)

TABLE

P/N	Height
6SDDS02-0321XXBXXK01	3.2mm
6SDDS02-0371XXBXXK01	3.7mm

POLES	01P	02P	03P	04P	05P	06P	07P	08P	09P	10P	12P
DIM P	-	2.54	5.08	7.62	10.16	12.70	15.24	17.78	20.32	22.86	27.94
DIM L	3.64	6.18	8.72	11.26	13.80	16.34	18.88	21.42	23.96	26.50	31.58

Dip Switch 2.54mm DIP Vertical Type

SPECIFICATIONS

Dielectric Strength:500VAC / 1MIN

Contact Rating { Switching: 25mA,24VDC
NON-Switching: 100mA,50VDC

Contact Resistance { Initial:50mΩ MAX
After Life Test:100mΩ MAX

Insulation Resistance:100mΩ MIN At 500VAC

Mechanical Life:5,000 Cycles

Electrical Life:3,000 Cycles

Operating Force:1,000g MAX

MATERIAL

Base: PBT, UL94V-0

Terminal:Phosphor Bronze, Gold Plated

Cover: PBT, UL94V-0, Red or Blue or Black

Actuator: PBT, UL94V-0

Tape Sealed: Polyester Film

6SDDS03-066 1 XX X X X K0X

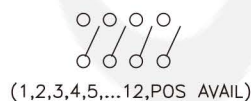
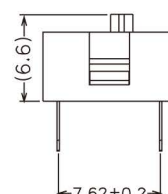
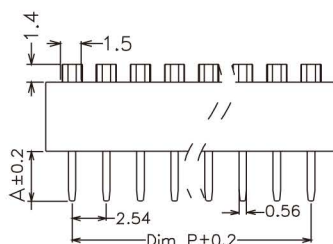
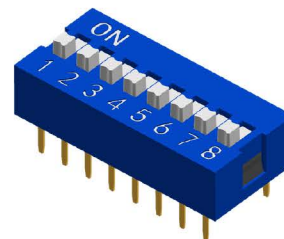
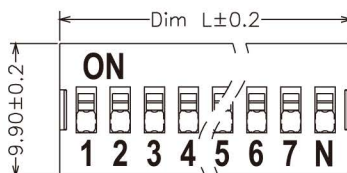
Pitch
1:2.54mm

NO. OF Poles
(01-10P, 12P)

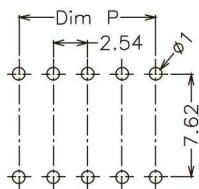
Color
B:Black
U:Blue
R:Red

E:W/O Peg
W/O Ground
W/O Shell

T:Tube W/O Cap
1:DimA:3.0mm
2:DimA:3.7mm



CIRCUIT DIAGRAM



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ±0.05)

POLES	01P	02P	03P	04P	05P	06P	07P	08P	09P	10P	12P
DIM P	-	2.54	5.08	7.62	10.16	12.70	15.24	17.78	20.32	22.86	27.94
DIM L	3.96	6.50	9.04	11.58	14.12	16.66	19.20	21.74	24.28	26.82	31.90

Dip Switch 2.54mm DIP Right Angle Type

SPECIFICATIONS

Dielectric Strength:500VAC / 1MIN

Contact Rating { Switching: 25mA,24VDC
NON-Switching: 100mA,50VDC

Contact Resistance { Initial:50mΩ MAX
After Life Test:100mΩ MAX

Insulation Resistance:100mΩ MIN At 500VAC

Mechanical Life:5,000 Cycles

Electrical Life:3,000 Cycles

Operating Force:1,000g MAX

MATERIAL

Base:PBT, UL94V-0

Terminal:Phosphor Bronze, Gold Plated

Cover:PBT,UL94V-0, Red or Blue or Black

Actuator:PBT, UL94V-0

Tape Sealed:Polyester Film

6SDDR01-114 1 XX X X X K01

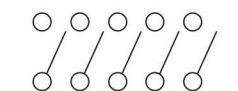
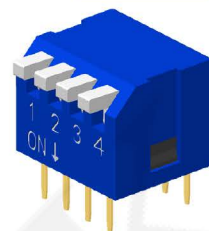
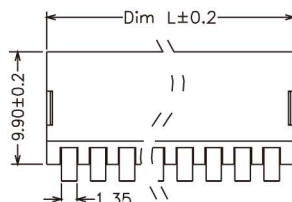
Pitch
1:2.54mm

NO. OF Poles
(01-10P, 12P)

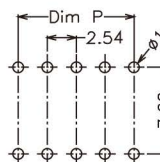
Color
B:Black
U:Blue
R:Red

T:Tube W/O Cap

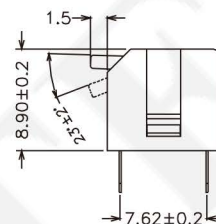
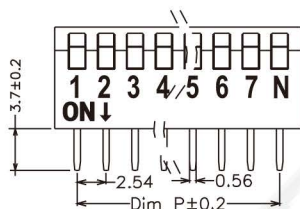
E:W/O Peg
W/O Ground
W/O Shell



(1,2,3,4,5,POS AVAIL)
CIRCUIT DIAGRAM



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ±0.05)



POLES	01P	02P	03P	04P	05P	06P	07P	08P	09P	10P	12P
DIM P	-	2.54	5.08	7.62	10.16	12.70	15.24	17.78	20.32	22.86	27.94
DIM L	3.96	6.50	9.04	11.58	14.12	16.66	19.20	21.74	24.28	26.82	31.90

Dip Switch 2.54mm DIP Right Angle Type

SPECIFICATIONS

Dielectric Strength:500VAC / 1MIN

Contact Rating { Switching: 25mA,24VDC
NON-Switching: 100mA,50VDC

Contact Resistance { Initial:50mΩ MAX
After Life Test:100mΩ MAX

Insulation Resistance:100mΩ MIN At 500VAC

Mechanical Life:5,000 Cycles

Electrical Life:3,000 Cycles

Operating Force:1,000g MAX

MATERIAL

Base:PPS,UL94V-0, Black

Terminal:Brass, Gold Plated

Contact:Phosphor Bronze, Gold Plated

Cover:PPS, UL94V-0, Black

Actuator:Nylon 46, UL94V-0

6SDDR03-101 1 XX X X X K01

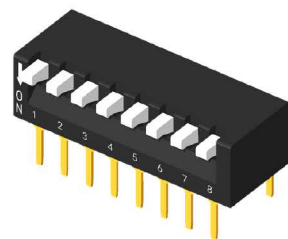
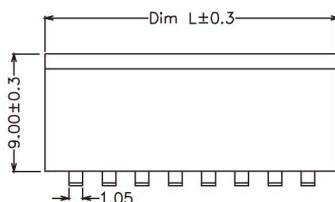
Pitch
1:2.54mm

NO. OF Poles
(01-10P, 12P)

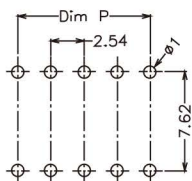
Color
B:Black

T:Tube W/O Cap

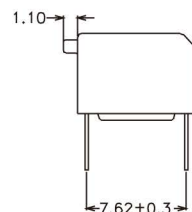
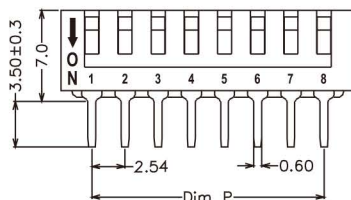
E:W/O Peg
W/O Ground
W/O Shell



(1,2,3,4,5,POS AVAIL)
CIRCUIT DIAGRAM



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ±0.05)



POLES	01P	02P	03P	04P	05P	06P	07P	08P	09P	10P	12P
DIM P	-	2.54	5.08	7.62	10.16	12.70	15.24	17.78	20.32	22.86	27.94
DIM L	4.14	6.68	9.22	11.76	14.30	16.84	19.38	21.92	24.46	27.00	32.08

Dip Switch 2.54mm DIP Right Angle Type

SPECIFICATIONS

Dielectric Strength: 500VAC / 1MIN

Contact Rating { Switching: 25mA, 24VDC

NON-Switching: 100mA, 50VDC

Contact Resistance { Initial: 50mΩ MAX

After Life Test: 100mΩ MAX

Insulation Resistance: 100mΩ MIN At 500VAC

Mechanical Life: 5,000 Cycles

Electrical Life: 3,000 Cycles

Operating Force: 1,000g MAX

MATERIAL

Base: PBT, UL94V-0

Terminal: Phosphor Bronze, Gold Plated

Cover: PBT, UL94V-0, Red or Blue or Black

Actuator: PBT, UL94V-0

Tape Sealed: Polyester Film

6SDDR02-XXX 1 XX X X X K01

Series Code
101
111

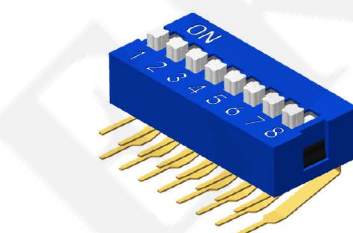
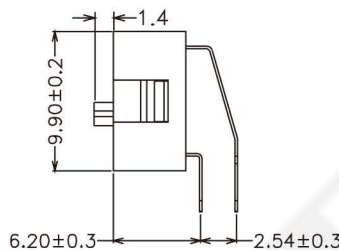
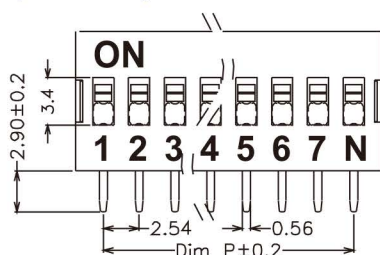
Pitch
1:2.54mm

NO. OF Poles (01-10P, 12P)

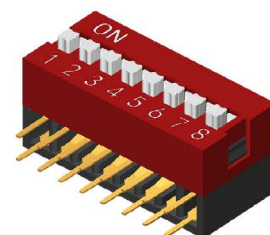
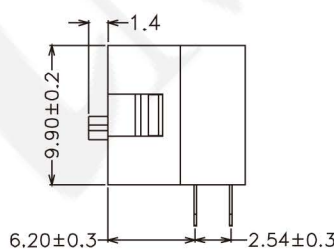
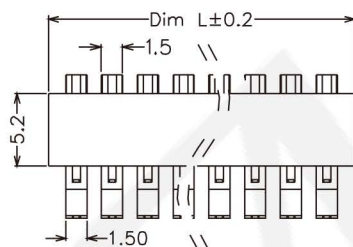
Color
B: Black
U: Blue
R: Red

T: Tube W/O Cap

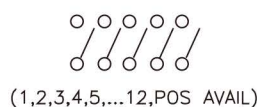
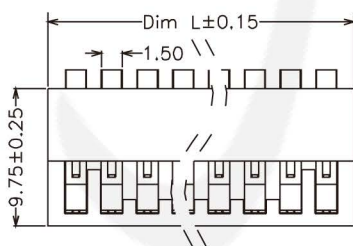
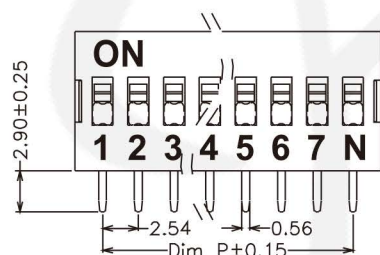
E: W/O Peg
W/O Ground
W/O Shell



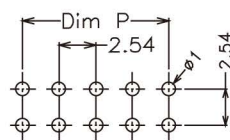
6SDDR02-101 1XX XXX K01



6SDDR02-111 1XX XXX K01



CIRCUIT DIAGRAM



RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ±0.05)

POLES	01P	02P	03P	04P	05P	06P	07P	08P	09P	10P	12P
DIM P	-	2.54	5.08	7.62	10.16	12.70	15.24	17.78	20.32	22.86	27.94
DIM L	3.96	6.50	9.04	11.58	14.12	16.66	19.20	21.74	24.28	26.82	31.90

AMTEK

CONNECTORS MANUFACTURE

AMTEK

