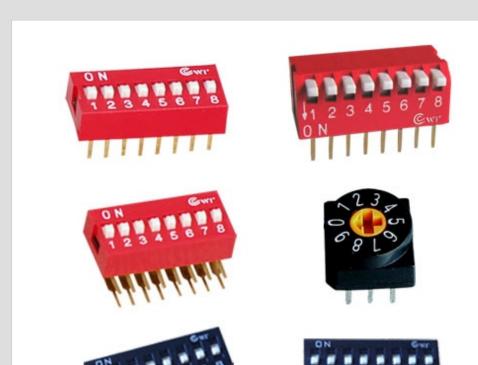


3-Buttons, Switches-Компоненты коммутации: выключатели, переключатели, кнопки



3-1	DIP switch
3-2	Tactile switch
3-3	Hook switch
3-4	Magnetic reed switches
3-5	Snap Action switches/Micro switches
3-6	Navigation joystick switches
3-7	Pushbutton switches
3-8	Rocker switches
3-9	Rotary switches
3-10	Slide switches

More ...



KLS ELECTRONIC CO; LTD. WWW. CNKLS. COM Email: sales@cnkls. com

Tel: 0086 574 86824882 Fax: 0086 574 86824882



KLS7-DS-Side Type Dip Switch Series

SPECIFICATIONS

Mechanical life: 2000 operations per switch

Operation Force : ≤9.8N max.

Stroke:2.0mm

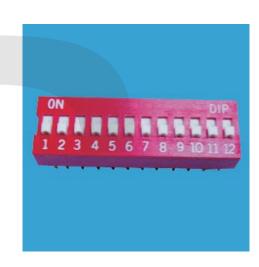
Operation Temp:-20°C~+70°C

Electrical life: 2000 operations per switch-24 VDC, 25mA

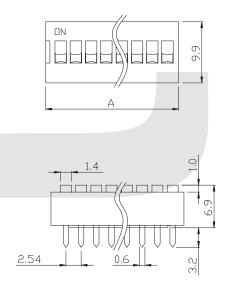
Contact Resistance: 50m max. at initial Non-Switching Rating: 100mA, 50VDC Switching Rating: 25mA, 24VDC Circuit: Single pole single throw

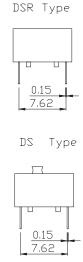
Soldering and Cleaning Processes

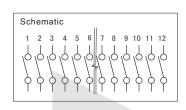
Keep all switch contacts in their "OFF" position for all operations

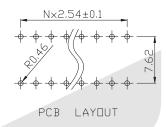


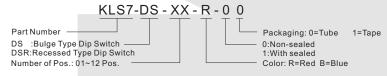
Model No.	No. Pos.	А
DS-01	1	4.10
D2-05	2	6.64
D2-03	3	9.18
DS-04	4	11.72
DS-05	5	14.26
DS-06	6	16.80
DS-07	7	19.34
DS-08	8	21,88
DS-09	9	24.42
DS-10	10	26.96
DS-12	12	32.04













KLS7-DP-Piano Type Dip Switch Series

SPECIFICATIONS

Mechanical life: 2000 operations per switch

Operation Force : ≤9.8N max.

Stroke:2.0mm

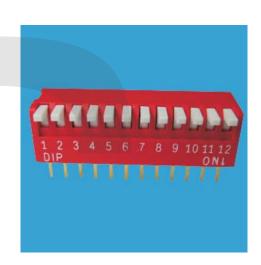
Operation Temp:-20°C~+70°C

Electrical life: 2000 operations per switch-24 VDC, 25mA

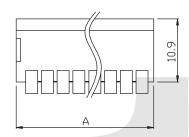
Contact Resistance: 50m max. at initial Non-Switching Rating: 100mA, 50VDC Switching Rating: 25mA, 24VDC Circuit: Single pole single throw

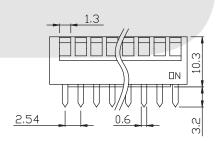
Soldering and Cleaning Processes

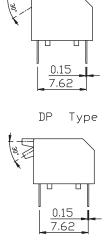
Keep all switch contacts in their "OFF" position for all operations



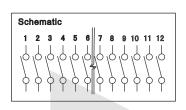
Model No.	No. Pos.	А
DP-01	1	4.10
DP-02	2	6.64
DP-03	3	9.18
DP-04	4	11.72
DP-05	5	14.26
DP-06	6	16.80
DP-07	7	19.34
DP-08	8	21.88
DP-09	9	24.42
DP-10	10	26.96
DP-12	12	32.04

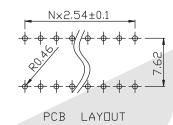






DPR Type









KLS7-DA-Right Angle Type Dip Switch Series

SPECIFICATIONS

Mechanical life: 2000 operations per switch

Operation Force : ≤9.8N max.

Stroke:2.0mm

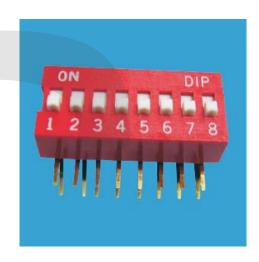
Operation Temp:-20°C~+70°C

Electrical life: 2000 operations per switch-24 VDC, 25mA

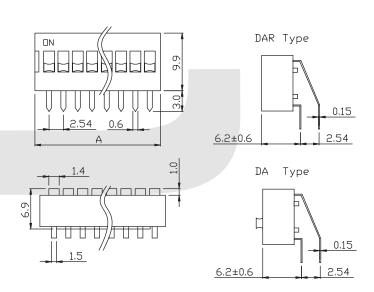
Contact Resistance: 50m max. at initial Non-Switching Rating: 100mA, 50VDC Switching Rating: 25mA, 24VDC Circuit: Single pole single throw

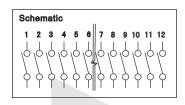
Soldering and Cleaning Processes

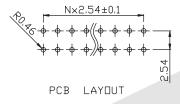
Keep all switch contacts in their "OFF" position for all operations



Model No.	No. Pos.	А
DA-01	1	4.10
DA-02	2	6.64
DA-03	3	9.18
DA-04	4	11.72
DA-05	5	14.26
DA-06	6	16.80
DA-07	7	19.34
DA-08	8	21.88
DA-09	9	24.42
DA-10	10	26.96
DA-12	12	32.04











KLS7-KM DIP Switch Series

SPECIFICATIONS

Mechanical life: 2000 operations per switch

Operation Force : ≤9.8N max.

Stroke:2.0mm

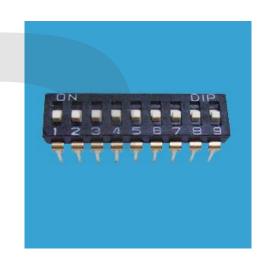
Operation Temp:-20°C~+70°C

Electrical life: 2000 operations per switch-24 VDC, 25mA

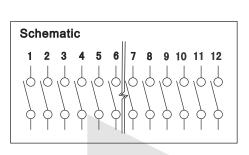
Contact Resistance: 50m max. at initial Non-Switching Rating: 100mA, 50VDC Switching Rating: 25mA, 24VDC Circuit: Single pole single throw

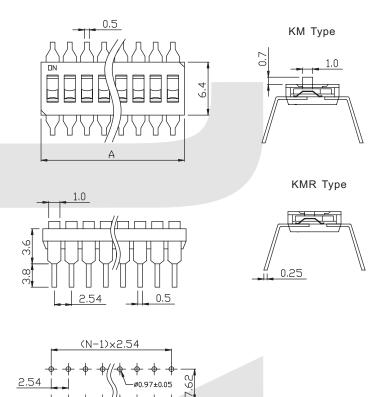
Soldering and Cleaning Processes

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

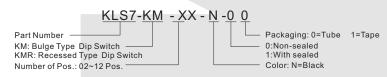


Model No.	No. Pos.	А
KM-02	2	6.02
KM-03	3	8.56
KM-04	4	11.10
KM-05	5	13.64
KM-06	6	16.18
KM-07	7	18.72
KM-08	8	21.26
KM-09	9	23.86
KM-10	10	26.34
KM-12	12	31.42





ORDER INFORMATION



PCB

LAYDUT



KLS7-KL-SMT Type DIP Switch Series

SPECIFICATIONS

Mechanical life: 2000 operations per switch

Operation Force : ≤9.8N max.

Stroke:2.0mm

Operation Temp:-20°C~+70°C

Electrical life: 2000 operations per switch-24 VDC, 25mA

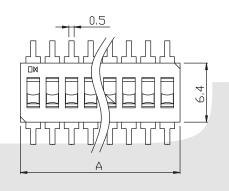
Contact Resistance: 50m max. at initial Non-Switching Rating: 100mA, 50VDC Switching Rating: 25mA, 24VDC Circuit: Single pole single throw

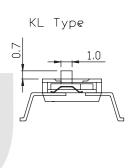
Soldering and Cleaning Processes

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

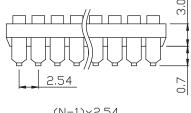


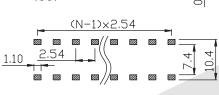
Model No.	No. Pos.	А
KL-02	2	6.02
KL-03	3	8.56
KL-04	4	11.10
KL-05	5	13.64
KL-06	6	16.18
KL-07	7	18.72
KL-08	8	21.26
KL-09	9	23.86
KL-10	10	26.34
KL-12	12	31.42



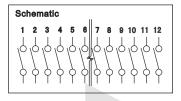


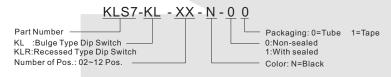
KLR Type





PCB LAYOUT









KLS7-KPR SMT Type DIP Switch Series

SPECIFICATIONS

Mechanical life: 2000 operations per switch

Operation Force : ≤9.8N max.

Stroke:2.0mm

Operation Temp:-20°C~+70°C

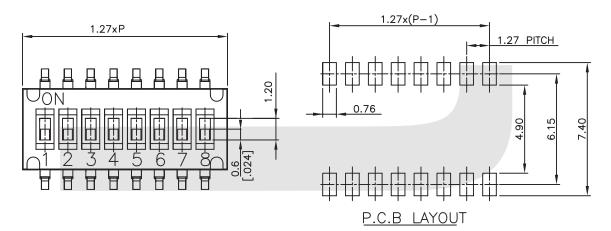
Electrical life: 2000 operations per switch-24 VDC, 25mA

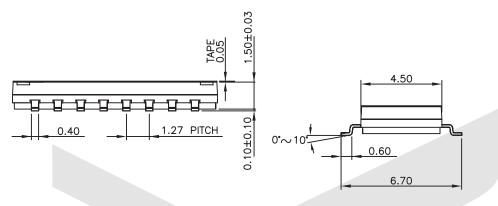
Contact Resistance: 50m max. at initial Non-Switching Rating: 100mA, 50VDC Switching Rating: 25mA, 24VDC Circuit: Single pole single throw

Soldering and Cleaning Processes

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











Switch



DIP Switch Series

KLS7-KPH(1.27MM)

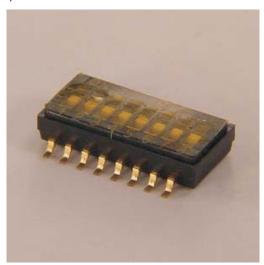
Rating:25mA 24 VDC Half Pitch Type Pin Pitch: 1.27mm Top Tape Sealed Operation Force:500gf max.

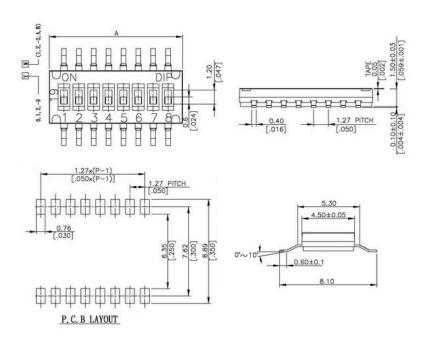
Dielectric Strengh: AC 300V/Minute
Insulation Resistance: 100 MΩ Mim 500V DC

Contact Resistance:100MΩ Max. Operation Temp: -40/+85 Electrical life:1000 operations Mechanical life:1000 operations

FUNCTION:

2,4,6,8,10 positions



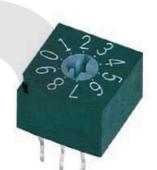


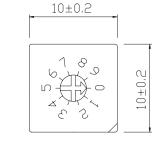


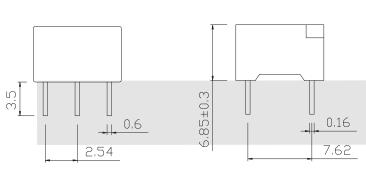


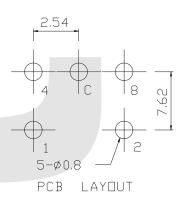
KLS7-RS10 Rotary Dip Switch Series

ELECTRICAL
Switching: 25mA,24VDC
No-switching: 100mA,50VDC
Contact resistance: 100m Max.
Lnsuation resistance: 1000M Min.at 100VDC
Dielectric strength: 250VAC for 60 seconds









PIN NO.					P0S1	TION				
PIN NO.	0	1	2	3	4	5	6	7	8	9
1		•		•		•		•		•
2			•	•			•	•		
4					•	•	•	•		
8									•	•



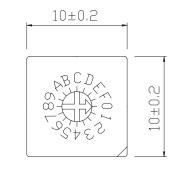


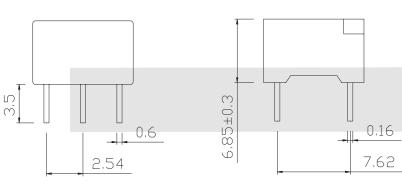
KLS7-RS16 Rotary Dip Switch Series

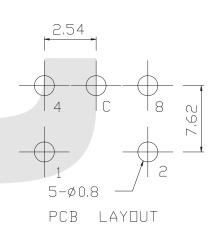
ELECTRICAL
Switching: 25mA,24VDC
No-switching: 100mA,50VDC
Contact resistance: 100m Max.

Lnsuation resistance: 1000M Min.at 100VDC Dielectric strength: 250VAC for 60 seconds









PIN NO.								POSI	TION							
FIN NO.	0	1	2	3	4	5	6	7	8	9	Α	В	С	D	Е	F
1	0	•	0	•	0	•	0	•	0	•	0	•	0	•	0	•
2	0	0	•	•	0	0	•	•	0	0	•	•	0	0	•	•
4	0	Q	0	0	•	•	•	•	0	0	0	0	•	•	•	•
8	0	0	0	0	0	0	0	0	•	•	•	•	•	•	•	•

- -Real Code Rotor Color:Yellow (3:3)
- ○-Complement Code Rotor Color:Red (3:3)

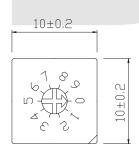


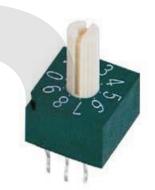


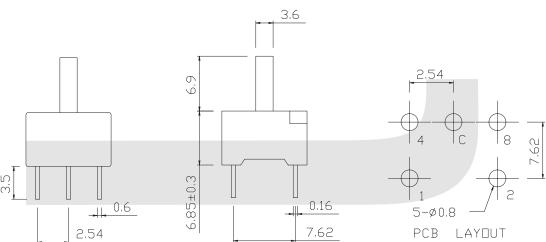
KLS7-RSL10 Rotary Dip Switch Series

ELECTRICAL
Switching: 25mA,24VDC
No-switching: 100mA,50VDC
Contact resistance: 100m Max.

Lnsuation resistance: 1000M Min.at 100VDC Dielectric strength: 250VAC for 60 seconds







PIN NO.					P0S1	TION				
FIN NO.	0	1	2	3	4	5	6	7	8	9
1		•		•		•		•		•
2			•	•			•	•		
4					•	•	•	•		
8									•	•

ORDER INFORMATION

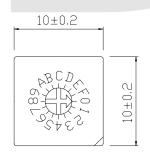
KLS7- RSL10 Part Number RSL10: ROTARY DIP SWITCH

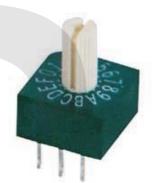


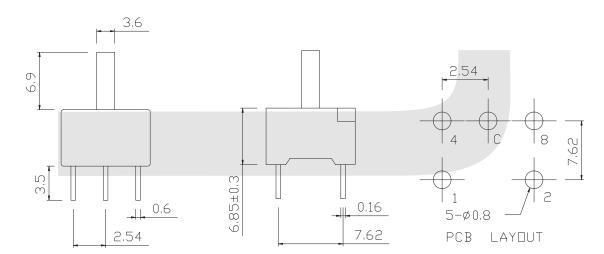
KLS7-RSL16 Rotary Dip Switch Series

ELECTRICAL
Switching: 25mA,24VDC
No-switching: 100mA,50VDC
Contact resistance: 100m Max.

Lnsuation resistance: 1000M Min.at 100VDC Dielectric strength: 250VAC for 60 seconds







ń																	
	PIN NO.								POS I	TION							
	PIN NO.	0	1	2	3	4	5	6	7	8	9	Α	В	С	D	Е	F
	1	0	•	0	•	0	•	0	•	0	•	0	•	0	•	0	•
	2	0	0	•	•	0	0	•	•	0	0	•	•	0	0	•	•
	4	0	Q	0	0	•	•	•	•	0	0	0	0	•	•	•	•
	8			0													

- ●-Real Code Rotor Color:Yellow (3:3)
- O-Complement Code Rotor Color:Red (3:3)

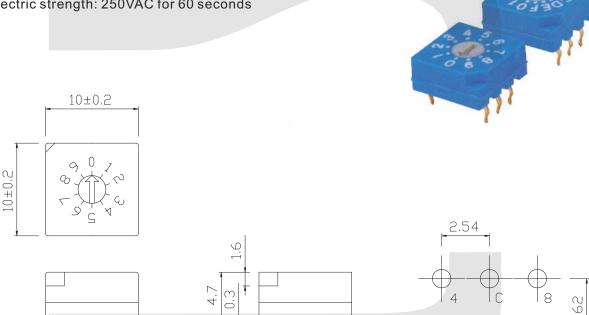




KLS7-RS31000 Rotary Dip Switch Series

ELECTRICAL
Switching: 25mA,24VDC
No-switching: 100mA,50VDC
Contact resistance: 100m Max.

Lnsuation resistance: 1000M Min.at 100VDC Dielectric strength: 250VAC for 60 seconds



0.25

7.62

PIN NO.					P0S1	TION				
PIN NO.	0	1	2	3	4	5	6	7	8	9
1		•		•		•		•		•
2			•	•			•	•		
4					•	•	•	•		
8									•	•

0.6

2.54

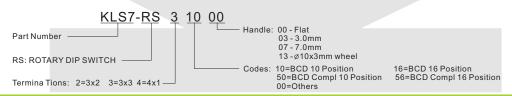
-Real Code Rotor Color:Yellow (3:3)

LAYOUT

6-Ø1.0

PCB

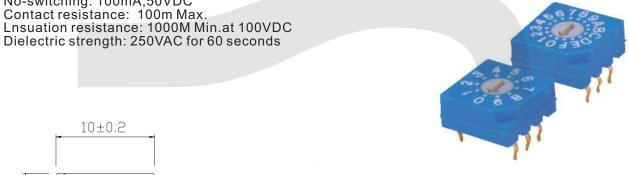
○-Complement Code Rotor Color:Red (3:3)

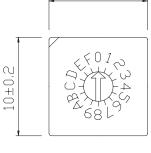


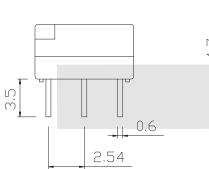


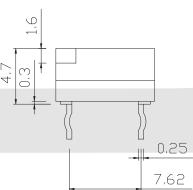
KLS7-RS31600 Rotary Dip Switch Series

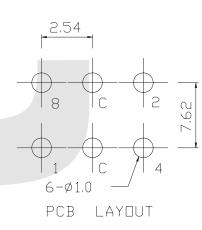
ELECTRICAL
Switching: 25mA,24VDC
No-switching: 100mA,50VDC
Contact resistance: 100m Max.





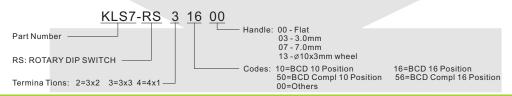






PIN NO.								POSI	TION							
PIN NO.	0	1	2	3	4	5	6	7	8	9	Α	В	С	D	Е	F
1	0	•	0	•	0	•	0	•	0	•	0	•	0	•	0	•
2	0	0	•	•	0	0	•	•	0	0	•	•	0	0	•	•
4	0	0	0	0	•	•	•	•	0	0	0	0	•	•	•	•
8	0	0	0	0	0	0	0	0	•	•	•	•	•	•	•	•

- ●-Real Code Rotor Color:Yellow (3:3)
- ○-Complement Code Rotor Color:Red (3:3)

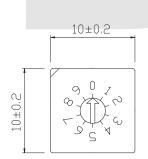


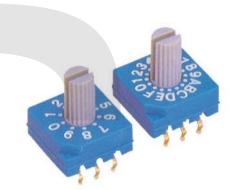


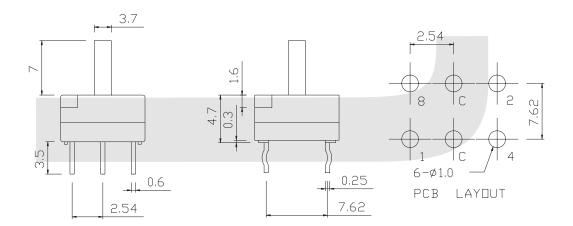
KLS7-RS35007 Rotary Dip Switch Series

ELECTRICAL Switching: 25mA,24VDC No-switching: 100mA,50VDC Contact resistance: 100m Max.

Lnsuation resistance: 1000M Min.at 100VDC Dielectric strength: 250VAC for 60 seconds







PIN NO.	POSITION												
PIN NO.	0	1	2	3	4	5	6	7	8	9			
1		•		•		•		•		•			
2			•	•			•	•					
4					•	•	•	•					
8									•	•			

- -Real Code Rotor Color:Yellow (3:3)
- ○-Complement Code Rotor Color:Red (3:3)

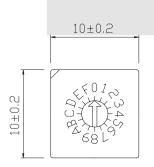


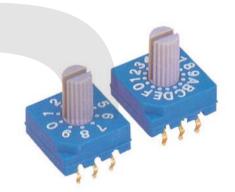


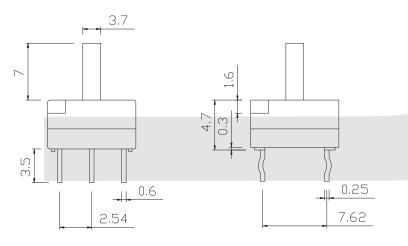
KLS7-RS35607 Rotary Dip Switch Series

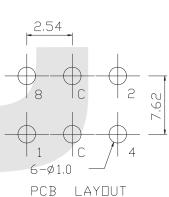
ELECTRICAL
Switching: 25mA,24VDC
No-switching: 100mA,50VDC
Contact resistance: 100m Max.

Lnsuation resistance: 1000M Min.at 100VDC Dielectric strength: 250VAC for 60 seconds









PIN NO.	POSITION															
	0	1	2	3	4	5	6	7	8	9	Α	В	С	D	Е	F
1	0	•	0	•	0	•	0	•	0	•	0	•	0	•	0	•
2	0	0	•	•	0	0	•	•	0	0	•	•	0	0	•	•
4	0	Q	0	0	•	•	•	•	0	0	0	0	•	•	•	•
8	0	0	0	0	0	0	0	0	•	•	•	•	•	•	•	•

- -Real Code Rotor Color:Yellow (3:3)
- ○-Complement Code Rotor Color:Red (3:3)

