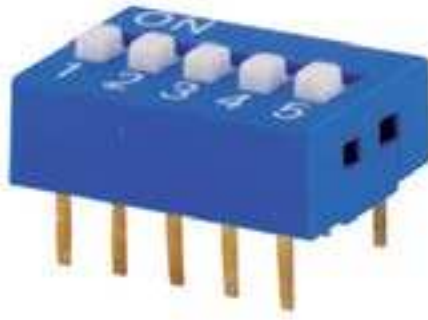


DIP-SWITCH STANDARD - MDS Series



1.) ELECTRICAL SPECIFICATIONS

Contact rating:	Switching 25mA 24VDC
Contact rating:	Non-switching 100mA
Contact resistance:	initial 50mOhm max.
Contact resistance:	after life test 100mOhm max.
Insulation resistance:	1000MOhm min. at 500VDC
Dielectric strength:	500VDC min. for 60 seconds 1mA

Capacitance between adjacent switches 5PF max.

2.) MECHANICAL SPECIFICATIONS

Operating Temperature:	-25°C to +70°C
Storage Temperature:	-40°C to +85°C
Operation force:	8N max.
Mechanical life:	2000 operations
Humidity:	95% RH, 40°C for 96Hrs.
Vibration:	Per GJB360A-96
Solderability:	After flux 230±5°C for 5±0.5 seconds, 95% coverage

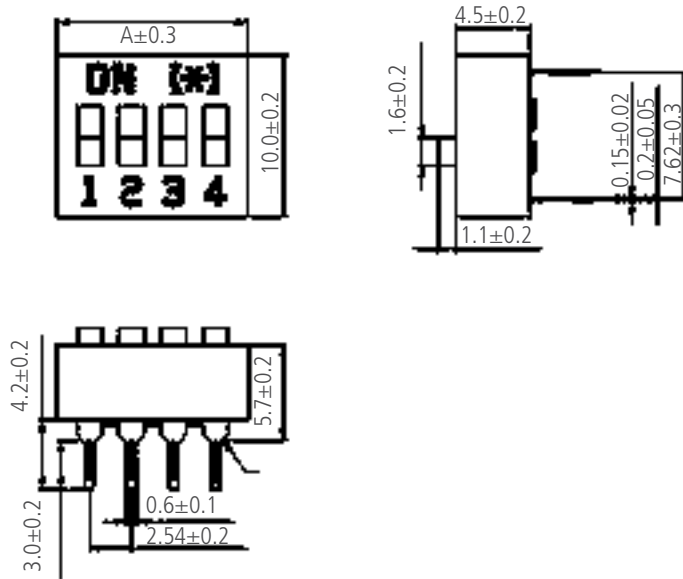
Resistance to soldering heat 260±5°C for 5±1 seconds

3.) DRAWINGS

DIP switch dimensions:	see attached drawing (PAGE 2)
Circuit diagram:	see attached drawing (PAGE 2)
PCB layout diagram:	see attached drawing (PAGE 2)
Construction diagram:	see attached drawing (PAGE 2)

DIP-SWITCH STANDARD - MDS Series

DIMENSION IN MM

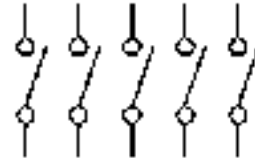
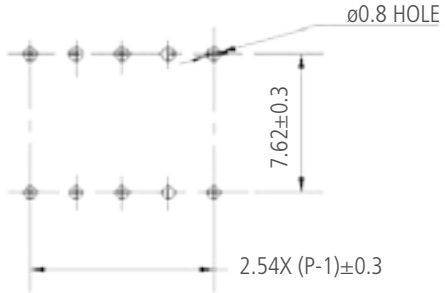


DIMENSION A (GENERAL TOLERANCE: ± 0.3)

Positions	1	2	3	4	5	6	7	8	9	10	12
A	4.0	6.5	9.1	11.6	14.2	16.7	19.2	21.8	24.3	26.9	31.9

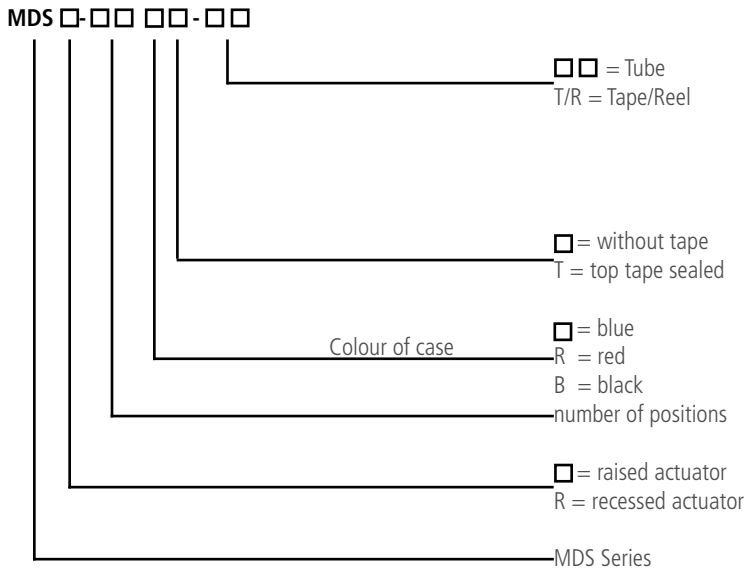
PCB LAYOUT (TOP VIEW)

PCB LAYOUT (TOP VIEW)



DIP-SWITCH STANDARD - MDS Series

4.) PART MODEL SYSTEM



Remark: Default in „OFF“ Position

NUMBER OF POSITIONS

1	2	3	4	5	6	7	8	9	10	12
one	two	three	four	five	six	seven	eight	nine	ten	twelve

MATERIAL (ex. MDS-08)

No.	Part Name	Unit	Number	Material	Remarks
SLVB001-008	8P Cover	pcs	1	PBT	
SLVB001-008	8P Base	pcs	1	PBT	
WJVB301	Long pin	pcs	8	Copper metal alloy	Clad layer gold plating solution
WJVB302	Short pin	pcs	8	Copper metal alloy	Clad layer gold plating solution
SLVB201	key	pcs	8	Nylon A205F	