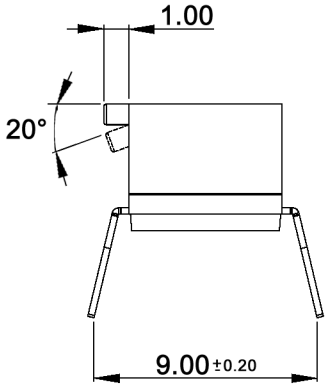
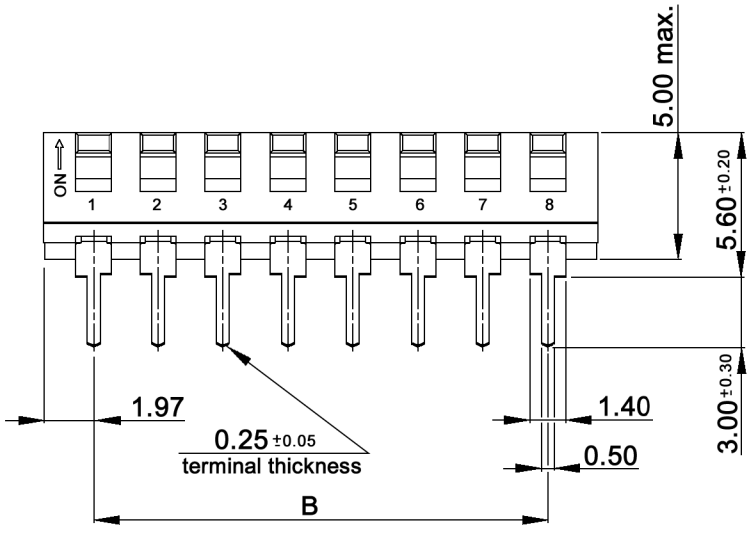
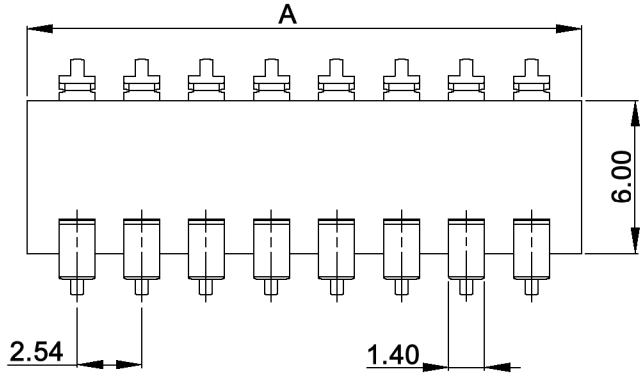
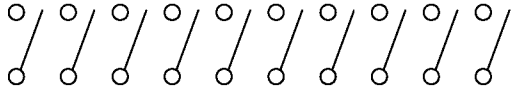




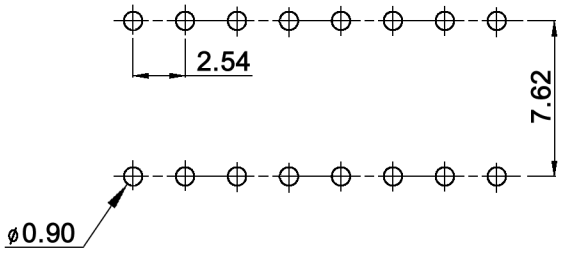


CIRCUIT DIAGRAM



Prod. No.	No. of pos.	A	B
DBP 8302	2	6.48	2.54
DBP 8304	4	11.56	7.62
DBP 8306	6	16.64	12.70
DBP 8308	8	21.72	17.78
DBP 8310	10	26.80	22.86

P.C.B. LAYOUT



RoHS-conform CE SA 2002

Tolerances: ±0.20mm			Date	Name
			06/09	dr
Vibration, shock	12/11	dr		
Operating temperature	06/10	dr		
Modifications	Date	Name		

DBP 8300

knitter-switch

30 18 55

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Specifications:

Contact rating:	100mA, 50V DC switching: 25mA, 24V DC
Contact resistance:	100mOhm max.
Insulation resistance:	100MOhm min. at 500V DC for 1 minute +/-5sec.
Dielectric strength:	100V AC (50/60Hz) for 1 minute
Operating temperature:	-40°C to +85°C
Storage temperature:	-40°C to +85°C
Mechanical life:	2 000 cycles
Operating force:	800gf max.
Soldering conditions:	wave soldering: 260 +/-5°C, 5sec.; pre-heat: 100°C, 60sec.
Vibration:	Shall be vibrated in accordance with Method 201A off MIL-STD-202F 1) Frequency: 10-55-10Hz 1minute/cycle 2) Direction: 3 vertical directions including the direction of operation 3) Test time: 2 hours each direction
Shock:	Shall be shocked in accordance with Method 213B condition A of MIL-STD-202F 1) Acceleration: 50G 2) Action time: 11 +/-1msec. 3) Testing direction: 6 sides 4) Test cycle: 3 times in each direction
Material:	Actuator: high-temp. thermoplastic LCP, molded white Contact: copper, min. 0.075µm gold plated over min. 0.4µm nickel Base / cover: high-temp. thermoplastic nylon UL94V-0, molded black Terminal: brass, min. 0.025µm gold plated over min. 0.4µm nickel

Delivery in OFF position

RoHS-conform 2002/95/EC

Tolerances: ±0.20mm			Date	Name	DBP 8300
			06/09	dr	
			knitter-switch	30 18 55	Page 2/2
Modifications	Date	Name			