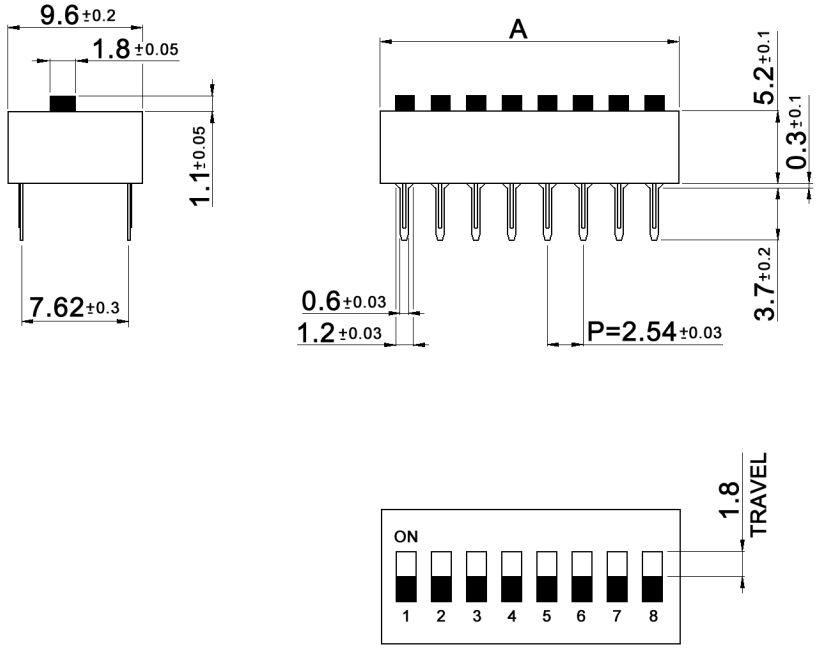
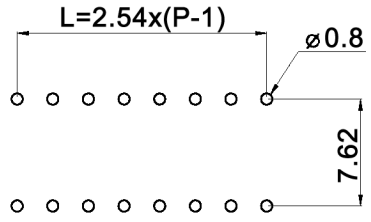
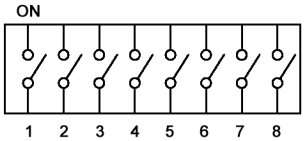


DRILLING PLAN



SCHEMATIC



Part No.	Poles	A
DBS 3101-SL	1	3.54
DBS 3102-SL	2	6.08
DBS 3103-SL	3	8.62
DBS 3104-SL	4	11.16
DBS 3105-SL	5	13.70
DBS 3106-SL	6	16.24
DBS 3107-SL	7	18.78
DBS 3108-SL	8	21.32
DBS 3109-SL	9	23.86
DBS 3110-SL	10	26.40
DBS 3112-SL	12	31.48

Specifications:

Contact rating:	25mA, 24V DC
Contact resistance:	50mOhm max.
Insulation resistance:	1 000MOhm min. at 500V DC
Dielectric strength:	500V, 50Hz for the duration of 1 minute
Operating temperature:	-40°C to +85°C
Storage temperature:	-40°C to +85°C
Mechanical life:	min. 2 000 cycles
Soldering conditions:	auto-soldering: max.: 260°C, 5sec.
Mounting:	on pc-board
Slide position:	off
Material:	Cover / actuator: PBT UL94V-0
	Terminal: brass, tin plated
	Contacts: brass, gold plated
	Base: PA66 UL94V-0

Gap between case and base additionally sealed by epoxy.
Casting compounds:
DBS 31xx-SL is applicable to casting of PCB.
Use solvent-free casting compound, curing at room-temperature,
e.g. ELANTAS Elan-Tron, Rhenatech PU 4025 / PH 4900.
Apply compound to max. 1 mm beneath the upper edge of switch case
(switch surface is not sealed!).

RoHS-conform 2002/95/EC

Tolerances: 0.1-1.0: ±0.05mm 1.0-5.0: ±0.1mm 5.0-10.0: ±0.2mm 10.0-20.0: ±0.3mm	Date	Name	DBS 31xx-SL	
	02/11	dr		
			knitter-switch	30 22 99
Modifications	Date	Name		Page 1/1