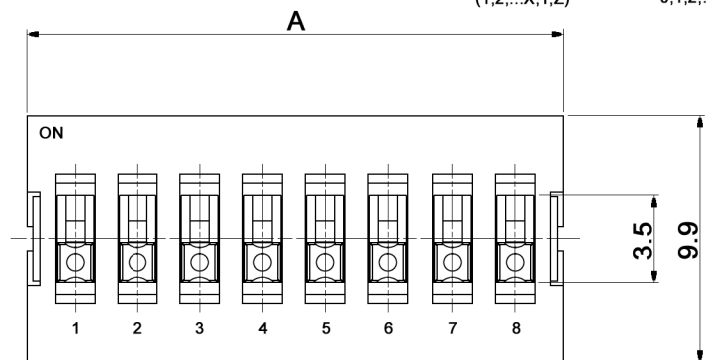
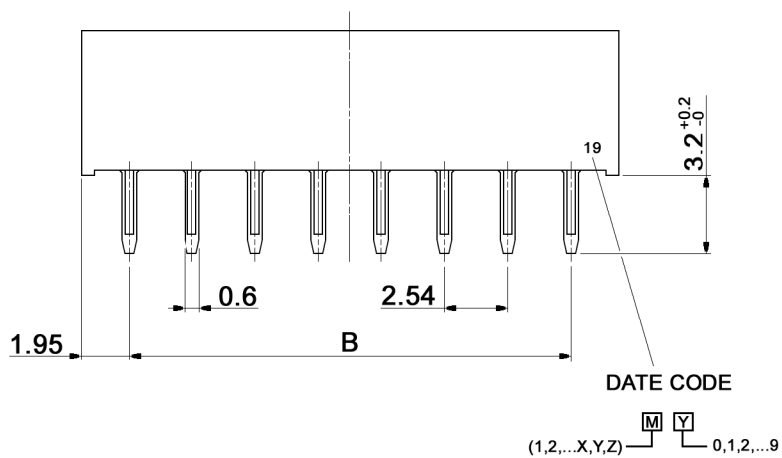
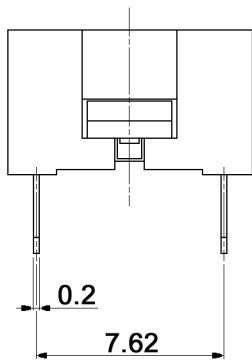
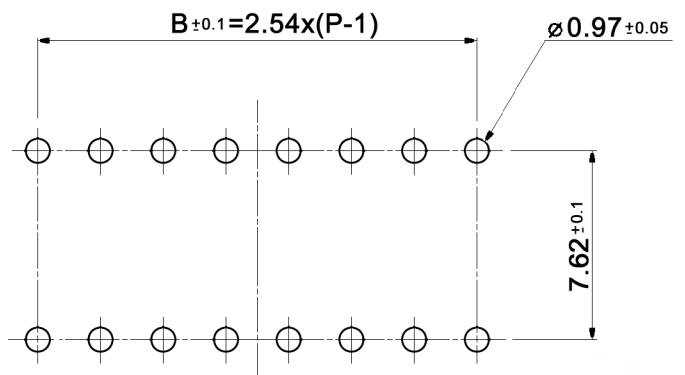




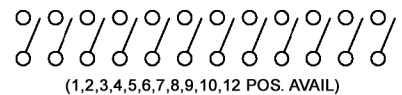
xx	Poles	A	B
01	1	3.90	-
02	2	6.44	2.54
03	3	8.98	5.08
04	4	11.52	7.62
05	5	14.06	10.16
06	6	16.60	12.70
07	7	19.14	15.24
08	8	21.68	17.78
09	9	24.22	20.32
10	10	26.76	22.86
12	12	31.84	27.94

P.C.B. LAYOUT



Date code Y	Year	Date code M	Month
3	2013	1	January
4	2014	...	...
5	2015	9	September
6	2016	X	October
		Y	November
		Z	December

SCHEMATIC



(1,2,3,4,5,6,7,8,9,10,12 POS. AVAIL)

Compliance: RohS II (2011/65/EU)

Tolerances: over 10: ±0.20mm below 10: ±0.10mm		Date	Name	DBS 20xx y	
		09/14	dr		
				30 31 74	
Modifications	Date	Name			Page
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knitter-switch

30 31 74

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Specifications:

Contact rating: non-switching: 100mA, 50V DC
switching: 25mA, 24V Dc

Contact resistance: 50mOhm max.

Insulation resistance: 100MOhm min. at 500V DC for 1 minute +/-5sec.

Dielectric strength: 500V AC(50/60Hz) for 1 minute

Operating tempeature: -40°C to +85°C

Storage temperature: -40°C to +85°C

Mechanical life: 2 000 cycles

Operating force: 1 000gf max.

Soldering conditions: 260 +/-5°C, 5 +/-1sec.

Vibration: Shall be vibrated in accordance with method 201A of MIL-STD-202F
Frequency: 10-55-10 Hz 1min/cycle
Direction: 3 vertikal directions including the direction of operation
Test time: 2 hours each direction

Shock: Shall be shocked in accordance with method 213B condition A of MIL-STD-202F
Acceleration: 50G
Action time: 11 +/-1 msec.
Testing direction: 6 sides
Test cycle: 3 times in each direction

Material: Actuator: thermoplastic PBT UL94V-0, white
Cover: thermoplastic PBT UL94V-0
Contact: alloy copper, gold plated
Terminal: brass, gold plated
Base: thermoplastic PA66 UL94V-0, black
Tape: blended silicone and rubber

y	Case colour / Tape
empty	red case / tape sealed
NF	red case / no seal

Compliance: RohS II (2011/65/EU)

Tolerances: over 10: ±0.20mm below 10: ±0.10mm		Date	Name	DBS 20xx y	
		09/14	dr		
				knitter-switch	30 31 74
Modifications	Date	Name			Page 2/2