

knitter-switch

Product Change Notice P01-2023

Products affected: DSS 201 N, DSS 202 N, DSS 203 N, DSS 204 N, DSS 205 N
DSS 206 N, DSS 207 N, DSS 208 N, DSS 210 N

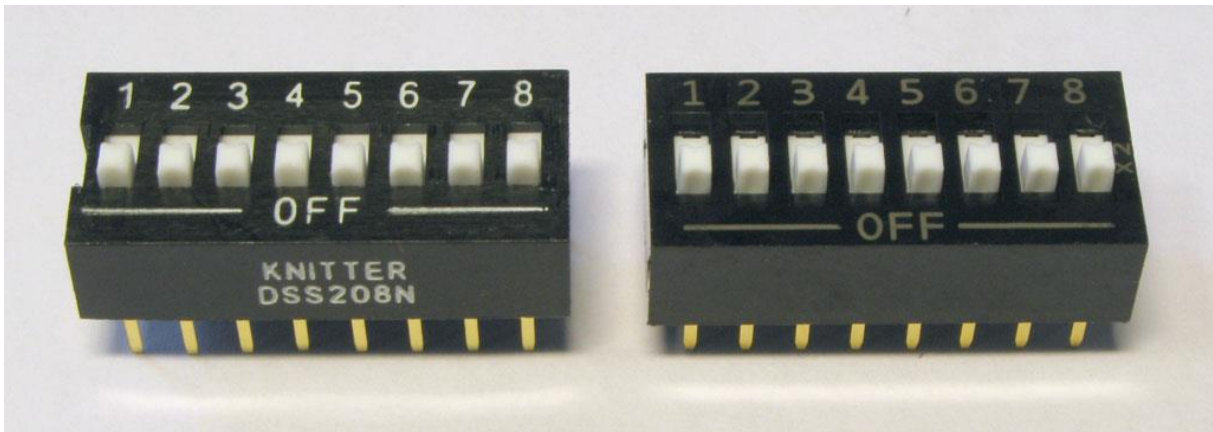
Effectivity date: after current stock is sold

Details:

In course of move from manual to automatic assembling the case design has been slightly changed. Marking has been simplified and changes from pad printing to laser-marking for environmental reasons.

There are no relevant changes in dimensions and specification.

For comparison, please find both old and new data-sheet attached.



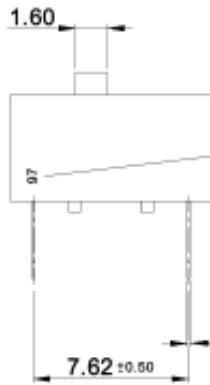
DSS 208 N old (drawing 30 17 74)

DSS 208 N new (drawing 30 40 46)

knitter-switch - Baldham, March 2023

Oliver Kluj
Technical Director

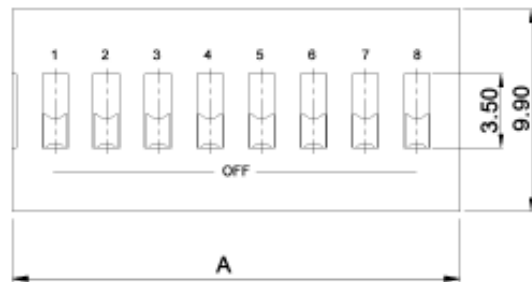
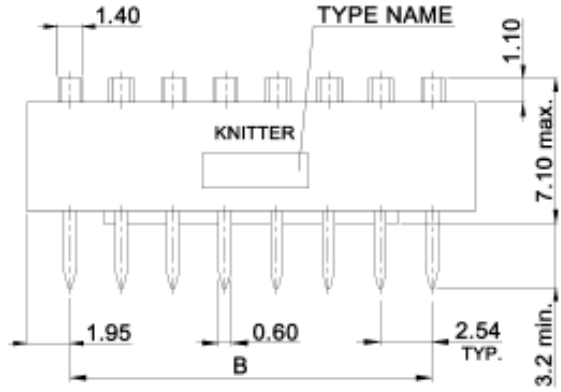
knitter-switch



DATE CODE

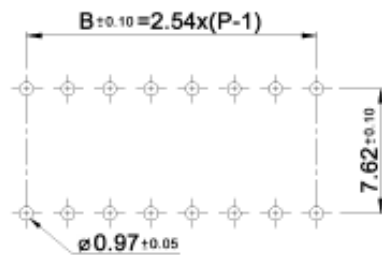
First digit:
last digit of the year

- Second digit:
- 1 January
 - 2 February
 - 3 March
 - 4 April
 - 5 May
 - 6 June
 - 7 July
 - 8 August
 - 9 September
 - X October
 - Y November
 - Z December



No. of pos.	A	B
1	3.90	-
2	6.44	2.54
3	8.98	5.08
4	11.52	7.62
5	14.06	10.16
6	16.60	12.70
7	19.14	15.24
8	21.68	17.78
9	24.22	20.32
10	26.76	22.86
12	31.84	27.94

P.C.B. LAYOUT



SCHEMATIC



Compliance: Rohs II (2011/65/EU)

Tolerances: ±0.20mm		Date	Name	<h1>DSS 200 N</h1>
		04/09	dr	
Operat. temperature	11/09	dr		<h1>30 17 74</h1>
Mechan., elect. life	11/09	dr		
Print	08/09	dr	knitter-switch	
Plating	05/09	dr		
Modifications	Date	Name		

knitter-switch

Specifications:

Contact rating: 100mA, 50V DC
 Contact resistance: 50mOhm max.
 Insulation resistance: 100MOhm min. at 500V DC
 Dielectric strength: 500V AC for 1 minute
 Operating temperature: -40°C to +85°C
 Storage temperature: -40°C to +85°C
 Mechanical life: 10 000 cycles per switch
 Electrical life: 5 000 cycles per switch 25mA, 24V DC
 Operating force: 1 000gf max.
 Soldering conditions: wave-soldering: 260°C, max. 5sec.
 Stroke: 2.0mm
 Material: Actuator: UL94V-0 high-thermoplastic; white
 Contacts / terminals: phosphor bronze,
 0.2µm gold plated over 1µm nickel
 Case: PBT, UL94V-0, black
 Potting material: epoxy

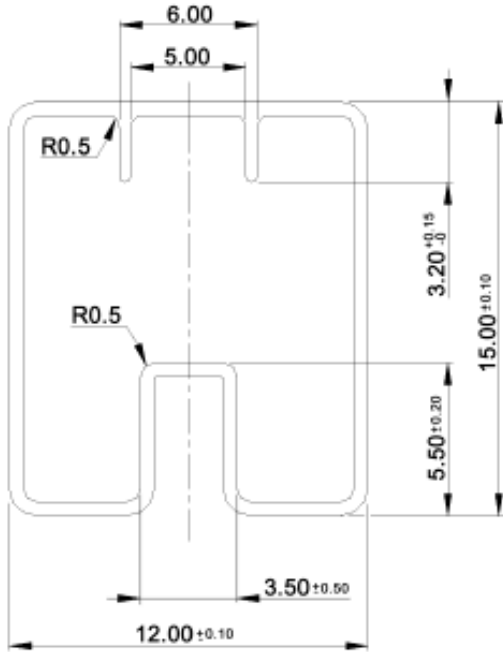
Compliance: RohS II (2011/65/EU)

Tolerances: ±0.20mm		Date	Name	DSS 200 N
		04/09	dr	
				30 17 74
				Page
				2/3
Modifications	Date	Name		

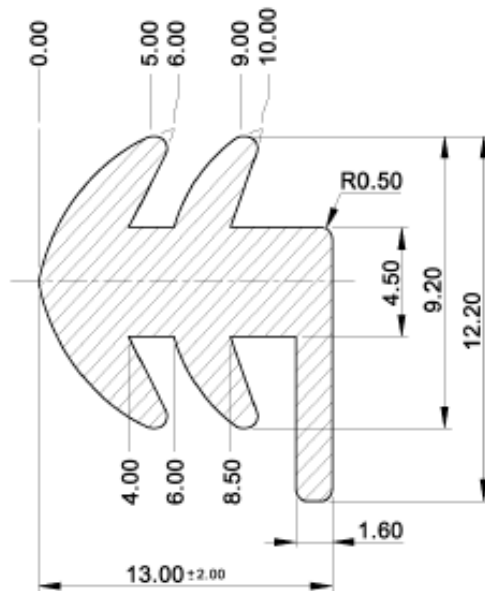
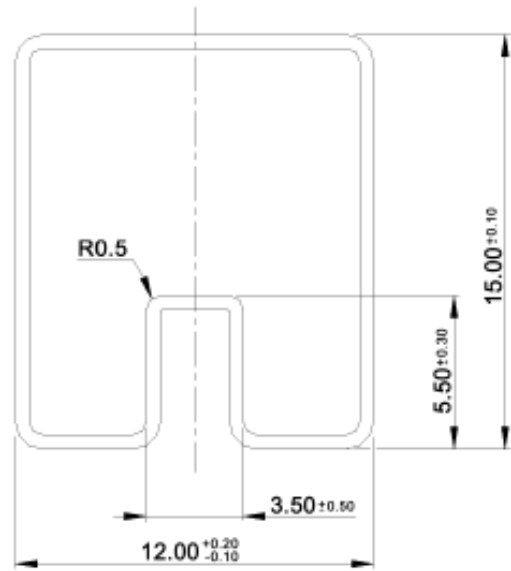
knitter-switch

Packaging:

DSS 201 N - DSS 203 N:



DSS 204 N - DSS 212 N:

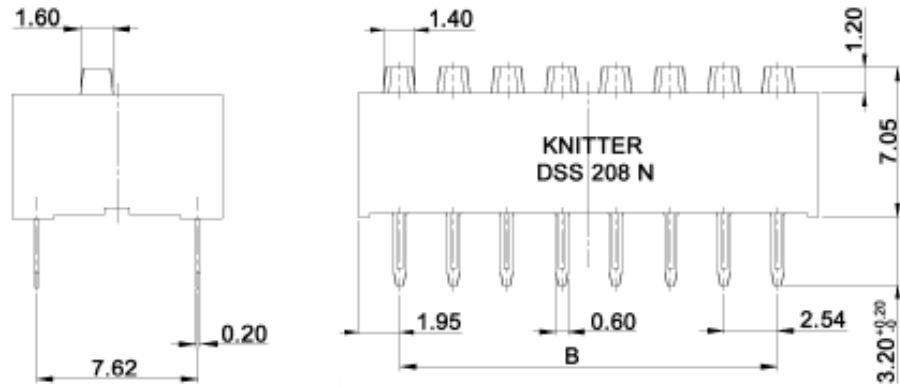


Pole	Quantity per tube
1	126
2	72
3	51
4	40
5	32
6	27
7	24
8	21
9	19
10	17
12	14

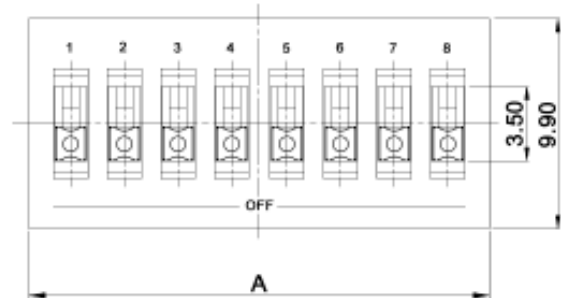
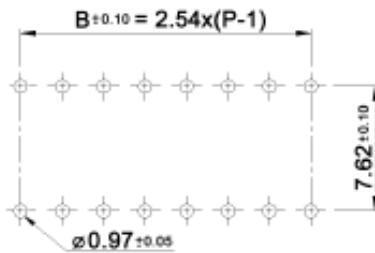
Compliance: RohS II (2011/65/EU)

Tolerances: ±0.20mm		Date	Name	DSS 200 N	
		04/09	dr		
			knitter-switch	30 17 74	
Modifications			Date	Name	Page 3/3

knitter-switch



P.C.B. LAYOUT

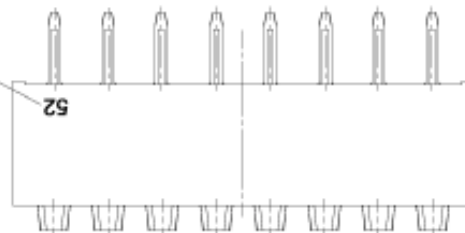


No. of pos.	A	B
1	3.90	-
2	6.44	2.54
3	8.98	5.08
4	11.52	7.62
5	14.06	10.16
6	16.60	12.70
7	19.14	15.24
8	21.68	17.78
9	24.22	20.32
10	26.76	22.86
12	31.84	27.94

DATE CODE

First digit:
last digit of the year

Second digit:
 1 January
 2 February
 3 March
 4 April
 5 May
 6 June
 7 July
 8 August
 9 September
 X October
 Y November
 Z December



SCHEMATIC



Compliance: RohS III (2015/863/EU)

Tolerances: 10mm over: ±0.20mm 10mm below: ±0.10mm		Date	Name	<h1>DSS 200 N</h1>
		04/18	dr	
		knitter-switch		30 40 46
				Page 1/2
Modifications	Date	Name		

knitter-switch

Specifications:

Contact rating: 100mA, 50V DC
Contact resistance: 50mOhm max.
Insulation resistance: 100MOhm min. at 500V DC
Dielectric strength: 500V AC for 1 minute
Operating temperature: -40°C to +85°C
Storage temperature: -40°C to +85°C
Electrical life: 10 000 cycles at rated load; 1 000 cycles at 1A, 10V DC and at 200mA, 24V DC
Operating force: 1 000gf max.
Soldering conditions: wave-soldering: 260°C, max. 5sec.
Stroke: 2.0mm
Material: Actuator: UL94V-0 high-thermoplastic; white
 Contacts / terminals: phosphor bronze, 0.2µm gold plated over 1µm nickel
 Case: PBT, UL94V-0, black
 Potting material: epoxy

Compliance: RohS III (2015/863/EU)

Tolerances: 10mm over: ±0.20mm		Date	Name	DSS 200 N
10mm below: ±0.10mm		04/18	dr	
			knitter-switch	30 40 46
				Page
				2/2
Modifications	Date	Name		