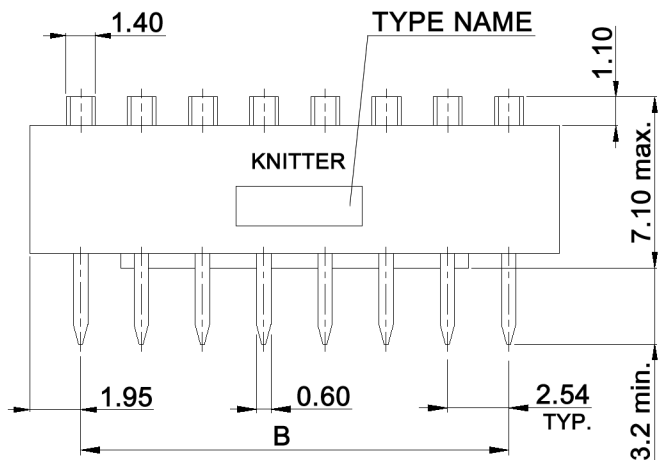


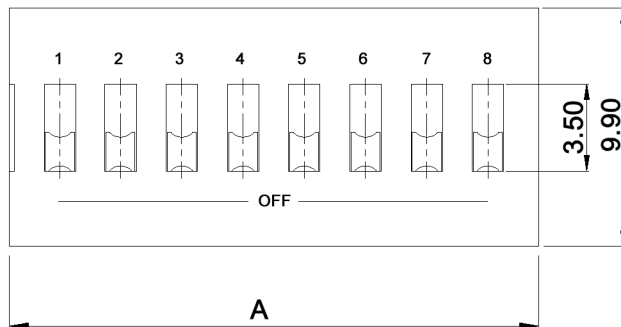
**DATE CODE**

First digit:  
last digit of the year

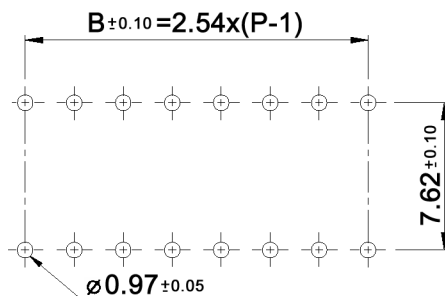
- Second digit:
- 1 January
  - 2 February
  - 3 March
  - 4 April
  - 5 May
  - 6 June
  - 7 July
  - 8 August
  - 9 September
  - X October
  - Y November
  - Z December



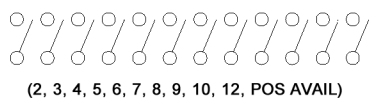
| No. of pos. | A     | B     |
|-------------|-------|-------|
| 1           | 3.90  | -     |
| 2           | 6.44  | 2.54  |
| 3           | 8.98  | 5.08  |
| 4           | 11.52 | 7.62  |
| 5           | 14.06 | 10.16 |
| 6           | 16.60 | 12.70 |
| 7           | 19.14 | 15.24 |
| 8           | 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 100 N</h1> |
|                     |       | 04/09 | dr                    |                    |
| Electrical life     | 05/13 | dr    |                       |                    |
| Operat. temperature | 11/09 | dr    |                       |                    |
| Packaging unit      | 10/09 | dr    |                       | <h2>30 17 73</h2>  |
| Print               | 08/09 | dr    | <b>knitter-switch</b> |                    |
| Specifications      | 06/09 | dr    |                       |                    |
| Modifications       | Date  | Name  |                       | 1/3                |

**Specifications:**

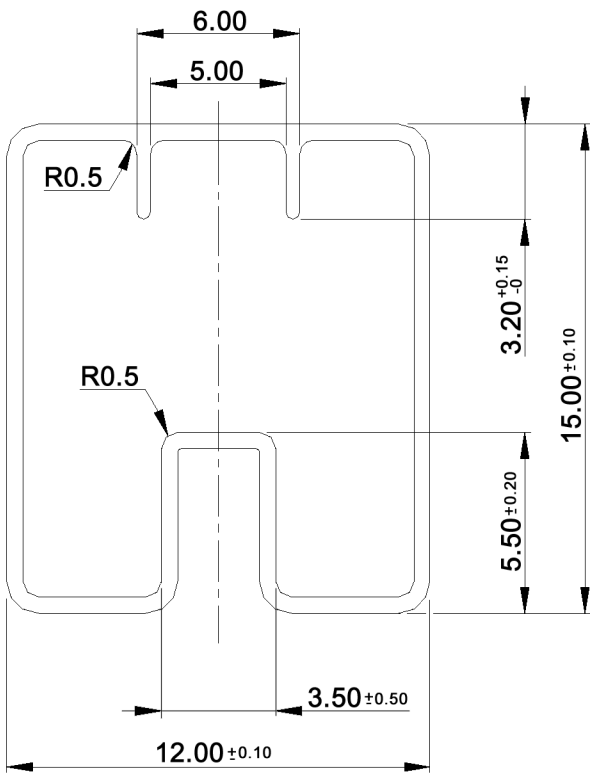
Contact rating: 100mA, 50V DC  
 Contact resistance: 50mOhm max.  
 Insulation resistance: 100MOhm min. at 500V DC  
 Dielectric strength: 500V AC for 1 minute  
 Operating temperature: -40°C to +85°C  
 Storage temperature: -40°C to +85°C  
 Electrical life: 10 000 cycles at rated load; 1 000 cycles 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, 1.25µm gold plated over 1µm nickel  
 Case: PBT, UL94V-0, black  
 Potting material: epoxy

Compliance: RohS II (2011/65/EU)

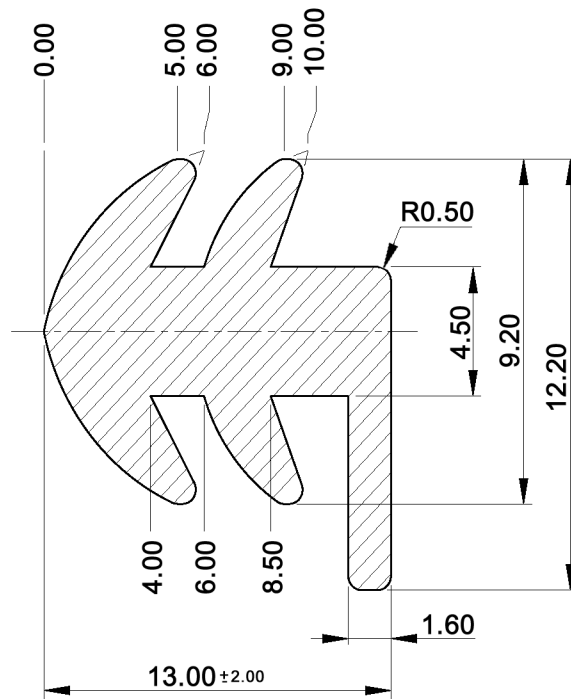
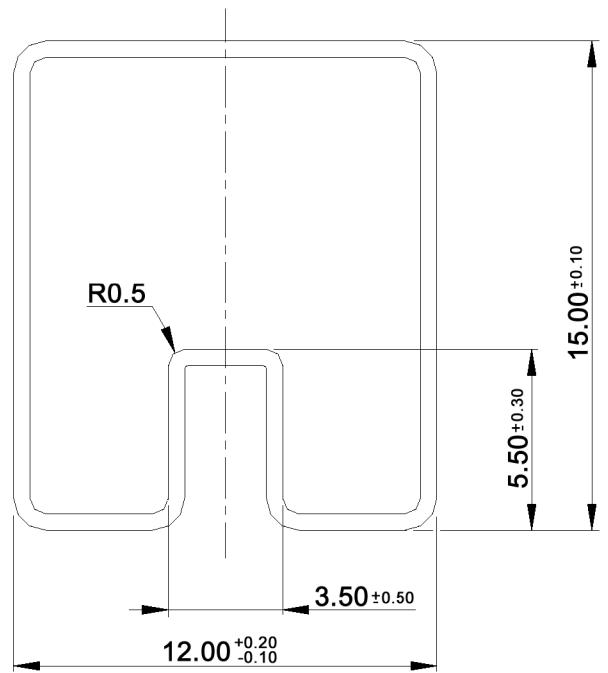
|                     |      |       |                       |                  |
|---------------------|------|-------|-----------------------|------------------|
| Tolerances: ±0.20mm |      | Date  | Name                  | <b>DSS 100 N</b> |
|                     |      | 04/09 | dr                    |                  |
|                     |      |       |                       |                  |
|                     |      |       |                       |                  |
|                     |      |       |                       | <b>30 17 73</b>  |
|                     |      |       | <b>knitter-switch</b> |                  |
| Modifications       | Date | Name  |                       | Page<br>2/3      |

**Packaging:**

DSS 101 N - DSS 103 N:



DSS 104 N - DSS 112 N:



| Pole | Quantity per tube |
|------|-------------------|
| 1    | 120               |
| 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 | <b>DSS 100 N</b>      |
|                     | 04/09 | dr   |                       |
|                     |       |      | <b>30 17 73</b>       |
|                     |       |      |                       |
|                     |       |      | Page                  |
|                     |       |      | 3/3                   |
| Modifications       | Date  | Name | <b>knitter-switch</b> |