

knitter-switch

Product-Change Notification

Products affected: MFS 121 D

Effective date: after current stock is sold out

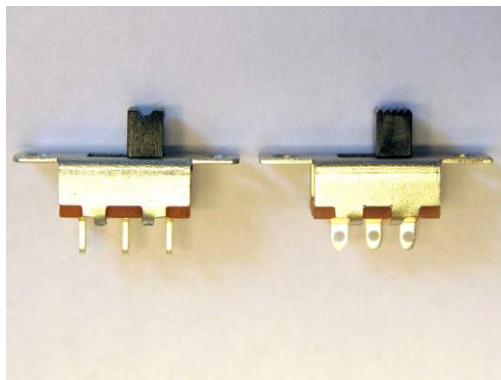
Details:

Due to worn-out moulds and factory relocation the product was revised.

General technical data, such as rating and number of cycles, remain.

The terminal pitch changes slightly from 3.7 to 3.0 mm.

For identification, the ordering code changes to MFS 121 D-N.



MFS 121 D
(drawing 30 37 72)

MFS 121 D-N
(drawing 30 40 19)

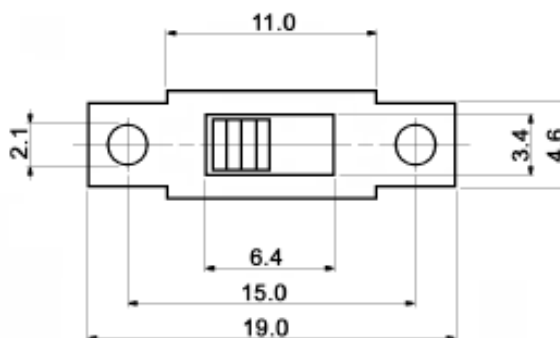
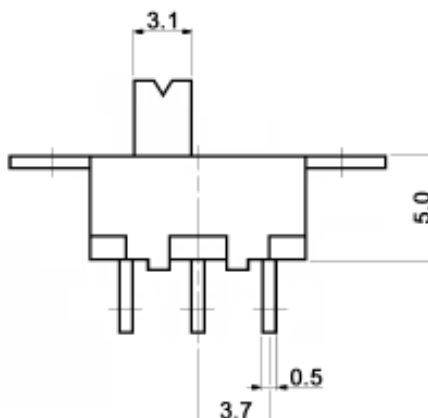
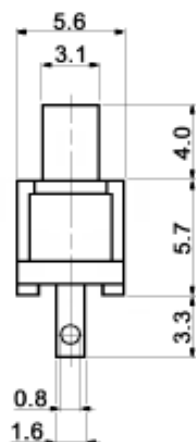
See attached data-sheets for details.

Knitter-switch, May 2018

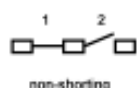
A handwritten signature in black ink that reads "Oliver Kluj".

Oliver Kluj
Technical Director

knitter-switch



SCHEMATIC



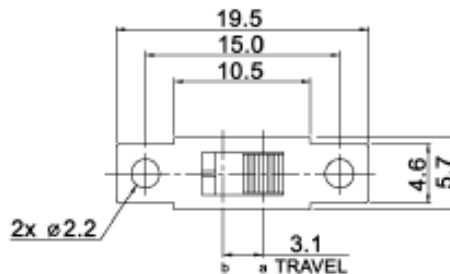
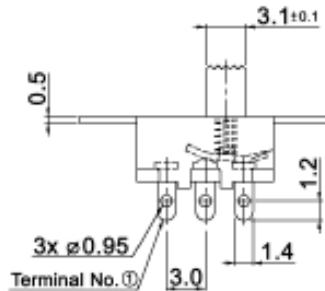
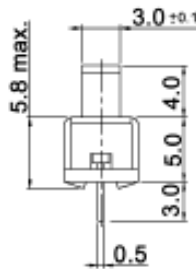
Specifications:

Contact rating:	350mA, 30V DC
Contact resistance:	20mOhm max.
Insulation resistance:	100MOhm min. at 500V DC
Dielectric strength:	500V, 50Hz for the duration of 1 minute
Operating temperature:	-20°C to +85°C
Mechanical life:	min. 10 000 cycles
Soldering conditions:	hand-soldering: max.: 270°C, 5sec.
Switching function:	on - on
Material:	Contacts: copper alloy, silver plated over nickel barrier Slide color: black

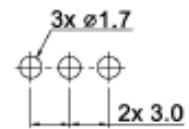
Compliance: RohS II (2011/65/EU)

Tolerances:		Date	Name	MFS 121 D
		02/17	dr	
		knitter-switch		30 37 72
Modifications		Date	Name	Page 1/1

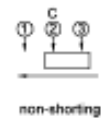
knitter-switch



HOLE LAYOUT ± 0.05



CIRCUIT DIAGRAM
C: COMMON PIN
BOTTOM VIEW



Specifications:

- Contact rating: 0.35 A, 30 V DC
- Contact resistance: 20 mOhm max.
- Insulation resistance: 100 MOhm min. at 500 V DC for 1 minute
- Dielectric strength: 500 V AC (50/60 Hz, 2 mA) for 1 minute
- Operating temperature: -40°C to +85°C
- Mechanical life: 10 000 cycles
- Operating force: 150 +/-70 gf
- Soldering conditions: manual soldering: max. 350°C, max. 3 sec.
- Material: Terminal: brass strip, silver plated
Frame: SPCC, nickel plated
Base: phenolic resin, natural
Contact plate: brass strip, silver plated
Spring: SWC, temper
Slider: POM, black

Compliance: RohS II (2011/65/EU)

Tolerances: up to 10: ±0.2 mm above 10-50: ±0.3 mm		Date	Name	<h2>MFS 121 D-N</h2>
		03/18	dr	
				<h2>30 40 19</h2>
knitter-switch				
Modifications	Date	Name		Page 1/1