

Discontinuation of Products

Products affected: MFP 461 N, MFP 461 N-2MM, MFP 461 N-GRU

Effectivity date: after coming lot is sold

Details:

Due to lack of demand and worn-out tools continuation of production becomes uneconomical.

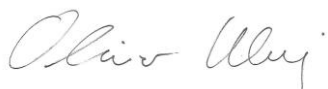
For replacement are recommended (data-sheets see next page):

MFP 461 N is replaced by MFP 421 N-4

MFP 461 N-2MM is replaced by MFP 421 N

MFP 461 N-GRU is replaced by MFP 421 N-GRU

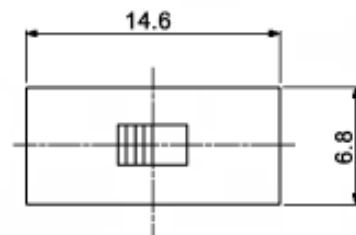
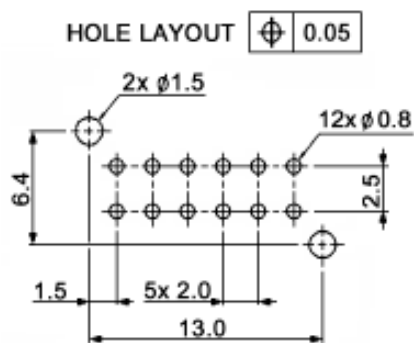
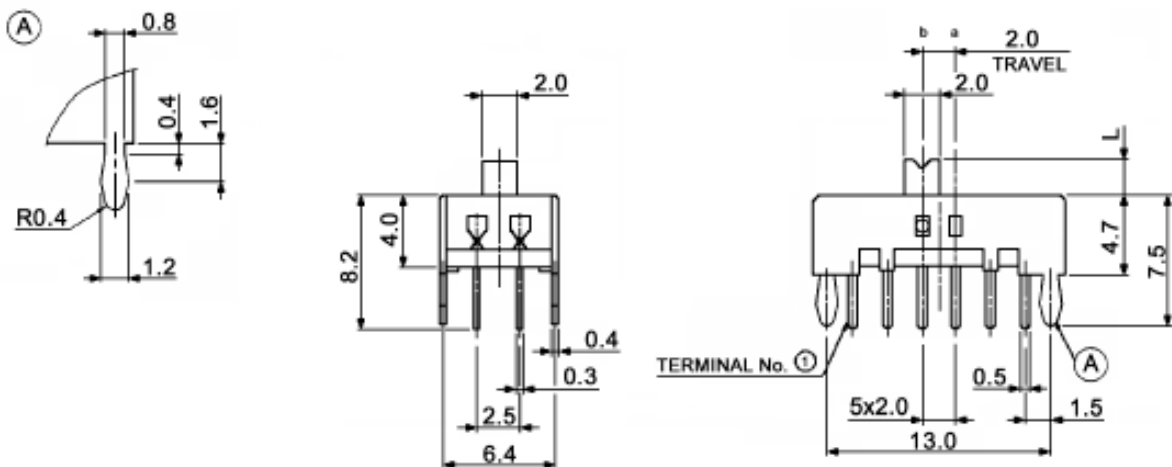
knitter-switch, March 2019



Oliver Kluj

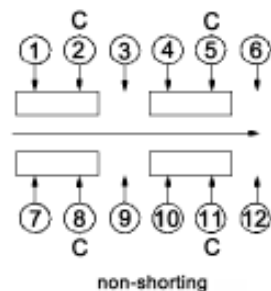
Technical Director

knitter-switch



x	L
empty	2 mm
4	4 mm

CIRCUIT DIAGRAM
C: COMMON PIN
BOTTOM VIEW



Specifications:

Contact rating:	0.1A, 12V DC
Contact resistance:	20mOhm max.
Insulation resistance:	100MOhm min. at 500V DC for 1 minute
Dielectric strength:	500V AC (50/60Hz, 2mA) for 1 minute
Operating temperature:	-10°C to +60°C
Mechanical life:	10 000 cycles
Operating force:	200 +/-100gf
Soldering conditions:	260 +/-5°C, 5 +/-1sec.
Material:	Spring plate: phosphor bronze, washing
	Terminal: brass strip, silver plated
	Base: phenolic resin, natural
	Contact clip: phosphor bronze, silver plated
	Frame: steel, tin plated
	Slider: POM, black



Tolerances: up to 10: ± 0.2 mm above 10-50: ± 0.3 mm	Date	Name
	05/11	dr
Revised	02/13	dr
Modifications	Date	Name

MFP 421 Nx

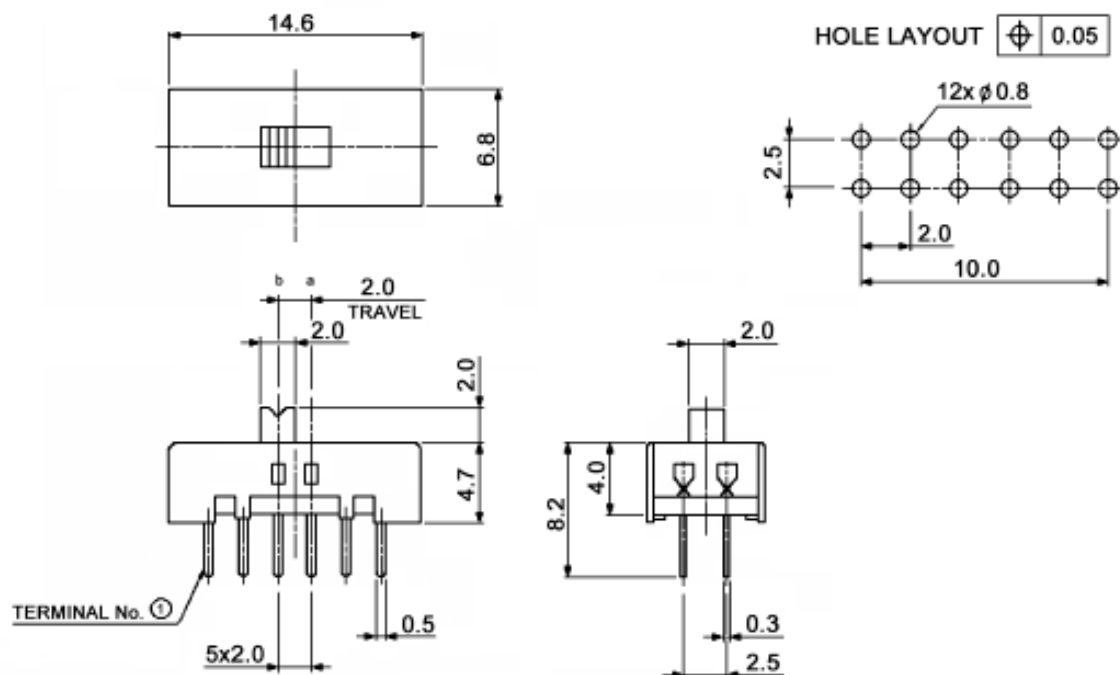
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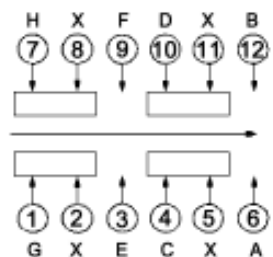
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knitter-switch

knitter-switch



CIRCUIT DIAGRAM



A, C, F, H: SHORTING
B, D, E, G: NON-SHORTING
X: COMMON PIN

TOP VIEW

Specifications:

Contact rating: 0.1A, 12V DC
Contact resistance: 20mOhm max.
Insulation resistance: 100MOhm min. at 500V DC for 1 minute
Dielectric strength: 500V DC for 1 minute (50/60Hz, 2mA)
Operating temperature: -15°C to +60°C
Operating force: 100gf +/-30gf
Mechanical life: 10 000 cycles
RoHS compliant
Material:

Terminal: brass, silver plated
Base: phenolic resin, natural
Contact clip: PBS, silver plated
Frame: SPCC, zinc plated
Slider: POM, black

Maßstab	Datum	Name	MFP 421 N-GRU	
Oberfläche	07/06	dr		
			30 09 45	
Operating temperature	09/07	dr		
Zust	Änderung	Datum	Name	1/1

knitter-switch