knitter-switch

Product Change Notice P03-2021

Products affected:

ASL 2 D

Effectivity date:

after current stock is sold

Details:

Due to relocation of production minor changes on the product were implemented.

Marking is changed to laser print and is displaying the correct part number.

There is no other change affecting the usability of the component.

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



Old version Drawing 300882

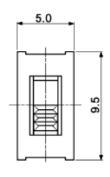
New version Drawing 304625

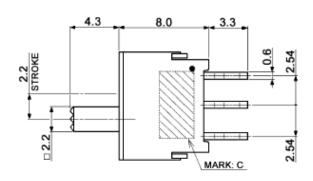
knitter-switch - Baldham, April 2021

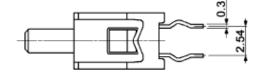
Oliver Kluj

Technical Director

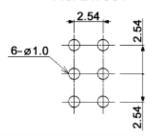
knitter-switch







P.C. LAYOUT



Specifications:

Contact rating:

max. 50mA, 48V AC/DC; min. 1µA, 20mV AC/DC

Contact resistance: 50mOhm max. at 1.5mA, 200µA AC

Insulation resistance: 500MOhm min. at 250V DC Dielectric strength: 250V AC for 1 minute

Temperature range: -20°C to +80°C

Mechanical life: max. rating: 10 000 cycles; min. rating: 50 000 cycles

Operating force: 70 - 500gf

Mounting: on pc-board

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

Switching function: on - on

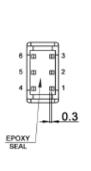
Material: Terminal / contact: phosphor bronze, gold plated

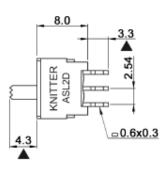
Lever: PBT resin, black Frame: brass, nickel plated Case: PBT resin, gray

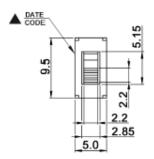


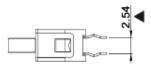
Tolerances:				Date	Name					
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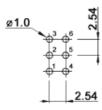




SWITCH FUNCTION

Madal	POS. 1	POS. 2		
Model No.	#	#		
ASL 2 D	ON	ON		
Term. Conn.	2-1, 5-4	2-3, 5-6		

P.C. MOUNTING



Specifications:

Contact rating:

max. 50 mA, 48 V AC/DC

min. 1 µA, 20 mV AC/DC

Contact resistance:

50 mOhm max. (at 1.5mA, 200 μV DC)

Insulation resistance:

500 MOhm min. at 500 V DC

Dielectric strength:

Operating temperature:

500 V AC for 1 minute

Mechanical life:

-20°C to +80°C 40 000 cycles min.

Operating force:

70-500 gf

Soldering conditions:

pre-heat: max. 100°C, max. 60 sec.

wave: max. 260°C, max. 5 sec.

Material:

Actuator: PBT, black

Frame: brass, nickel plated

Case: glass filled nylon 6/6, flame retardant, heat stabilized (UL94V-0), colour: grey

Contact / terminals: phosphor bronze, gold plated over nickel

Terminal seal: epoxy

Compliance: RohS III (2015/863/EU)

Ī	Tolerances: up to 10: ±0.2 mm above 10-50: ±0.3 mm			Date 04/21	Name dr	ASL 2 D			
	Modifications	Date	Name	kni	tter-s	witch	30 46	25	Page 1/1