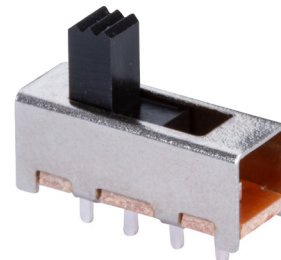


**MODEL:** SLW-156646-5A-N-D | **DESCRIPTION:** SLIDE SWITCH**FEATURES**

- SP3T
- non-shorting
- through hole

**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated voltage				50	Vdc
rated current				500	mA
withstanding voltage	for 1 minute		500		Vac
contact resistance	measured at 1 kHz at 100 mA or less			100	mΩ
insulation resistance	at 500 Vdc for 1 minute	100			MΩ
operating force		150	250	350	gf
actuator travel		3.0	3.2	3.4	mm
operating temperature		-20		70	°C
storage temperature		-25		70	°C
life	at uniform rate of 15~18 cycles per minute, no load		10,000		cycles
vibration	10~55~10 Hz, 1.5 mm amplitude, 2 hours on each XYZ				
flammability rating	see material table				
RoHS	yes				

Notes: 1. All specifications measured at 5~35°C, humidity at 25~85%, under 86~106 kPa pressure, unless otherwise noted.

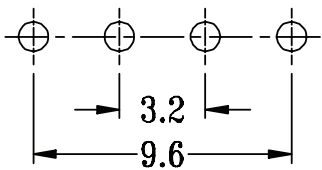
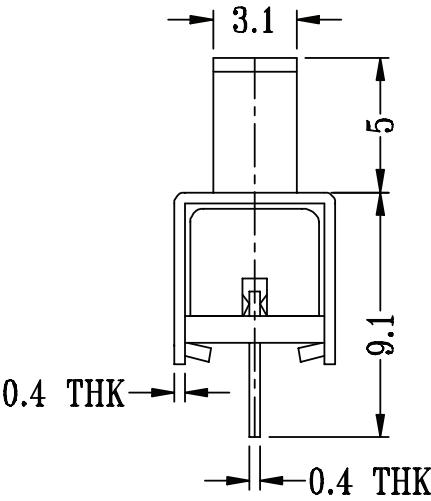
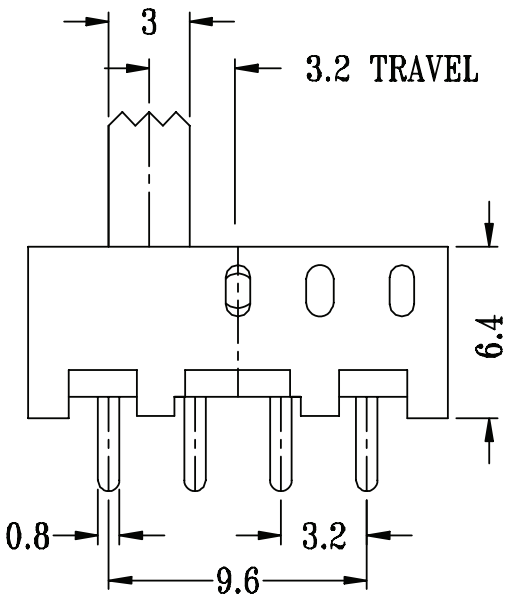
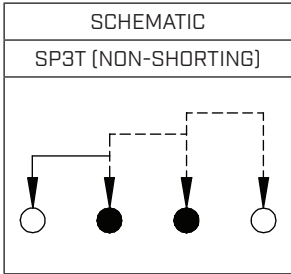
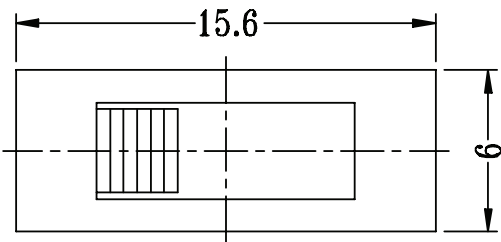
**SOLDERABILITY**

parameter	conditions/description	min	typ	max	units
hand soldering	for 3±0.5 seconds	340	350	360	°C
wave soldering	for 10±1 seconds	255	260	265	°C
storage conditions	-5~35°C, 25~80% humidity (avoid high temperature/ humidity, corrosive gases, and direct sunlight) unopened for over 12 months: ensure there is no terminal oxidation, blackening, no moisture absorption, and is solderable				

MECHANICAL DRAWING

units: mm  
tolerance: ±0.30 mm  
unless otherwise specified  
PCB thickness: 1.6 mm

DESCRIPTION	MATERIAL	PLATING/COLOR
frame	steel strip	nickel
knob	PA66 [UL94HB]	black
base	phenolic resin	natural
terminal	brass strip	silver
contact clip	phosphorus copper [C5210]	silver
spring plate	steel wire	natural
steel ball	steel	natural



Recommended PCB Layout  
Top View

REVISION HISTORY

rev.	description	date
1.0	initial release	06/11/2024

The revision history provided is for informational purposes only and is believed to be accurate.



CUI Devices offers a one (1) year limited warranty. Complete warranty information is listed on our website.

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