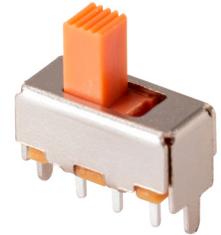


**MODEL:** SLW-121586-5A-D | **DESCRIPTION:** SLIDE SWITCH

**FEATURES**

- through hole
- raised slide actuator


**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 100 Vdc for 1 minute	100			MΩ
operating force		100	180	260	gf
actuator travel		3	3.2	3.4	mm
operating temperature		-20		70	°C
storage temperature		-40		90	°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				

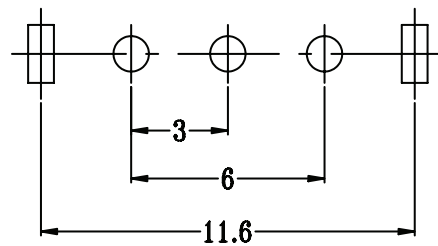
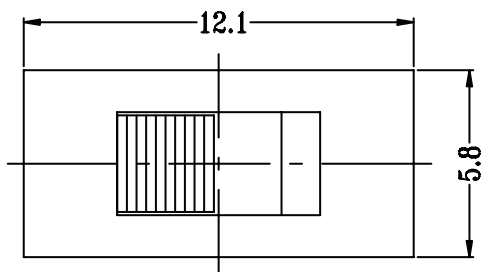
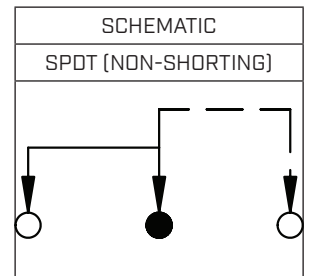
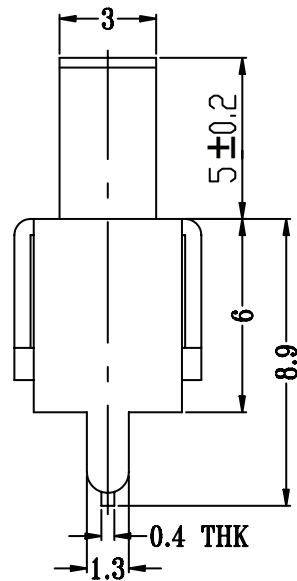
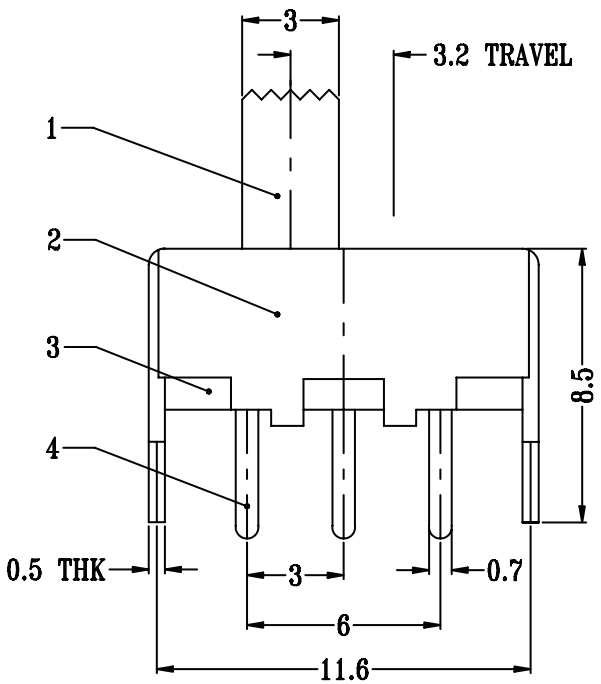
**SOLDERABILITY**

parameter	conditions/description	min	typ	max	units
hand soldering	for 3±0.5 seconds	340	350	360	°C
wave soldering	for 3±0.5 seconds	255	260	265	°C

## MECHANICAL DRAWING

units: mm  
 tolerance:  $\pm 0.20$  mm  
 unless otherwise specified  
 PCB thickness: 1.6 mm

DESCRIPTION	MATERIAL	PLATING/COLOR
knob	PA66	orange
frame	steel strip	nickel
case	phenolic resin	natural
terminal	brass strip	silver
contact	brass strip	silver
spring	steel wire	natural



Recommended PCB Layout  
 Top View

## REVISION HISTORY

rev.	description	date
1.0	initial release	07/07/2023

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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