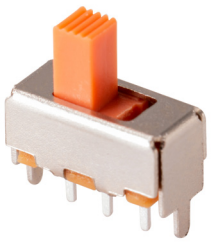
CUI Devices is now Same Sky! Learn More

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

FEATURES

- through hole
- raised slide actuator



RoHS

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

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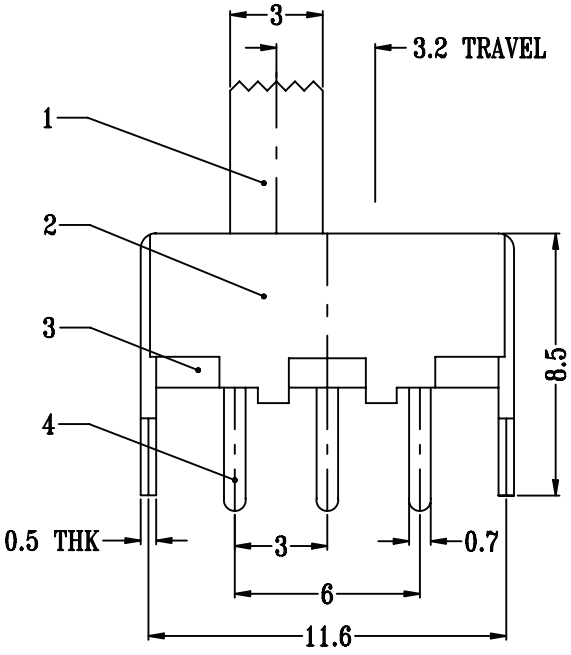
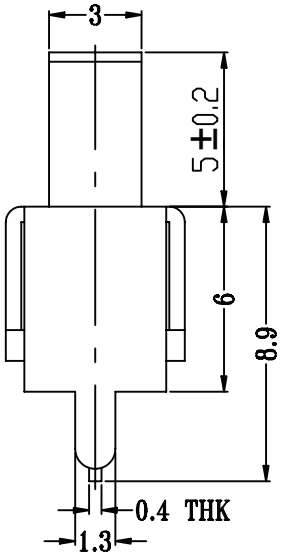
MECHANICAL DRAWING

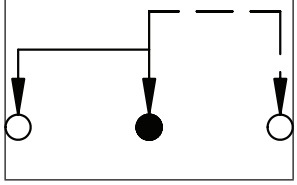
units: mm
tolerance: ±0.20 mm
unless otherwise specified
PCB thickness: 1.6 mm

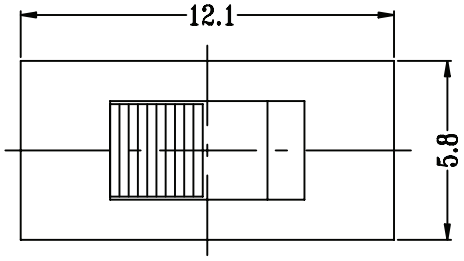
DESCRIPTION	MATERIAL	PLATING/COLOR
knob	PA66	orange
frame	steel strip	nickel
case	phenolic resin	natural
terminal	brass strip	silver
contact	brass strip	silver
spring	steel wire	natural

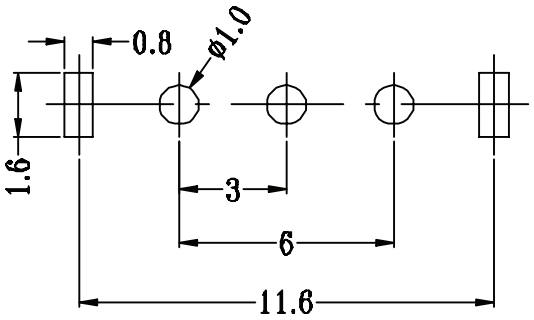




SCHEMATIC
SPDT (NON-SHORTING)







Recommended PCB Layout
Top View

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REVISION HISTORY

rev.	description	date
1.0	initial release	07/07/2023
1.01	CUI Devices rebranded to Same Sky	09/12/2024
1.02	updated datasheet	06/09/2025

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

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

Same Sky reserves the right to make changes to the product at any time without notice. Information provided by Same Sky is believed to be accurate and reliable. However, no responsibility is assumed by Same Sky for its use, nor for any infringements of patents or other rights of third parties which may result from its use.

Same Sky products are not authorized or warranted for use as critical components in equipment that requires an extremely high level of reliability. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.

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