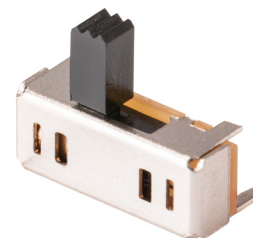


**MODEL:** SLW-1516255-6A-RA-D | **DESCRIPTION:** SLIDE SWITCH**FEATURES**

- through hole
- right angle
- raised slide actuator

**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated voltage				50	Vdc
rated current				300	mA
withstanding voltage	for 1 minute		250		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		200	300	400	gf
actuator travel		1.7	2.0	2.3	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				

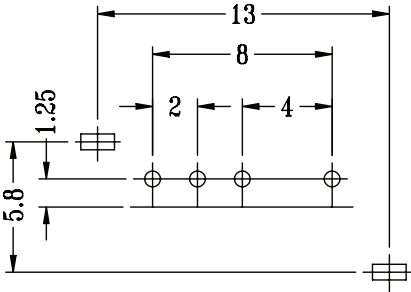
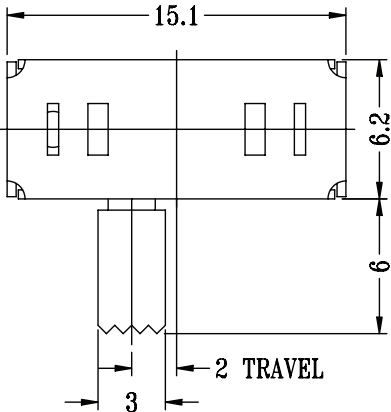
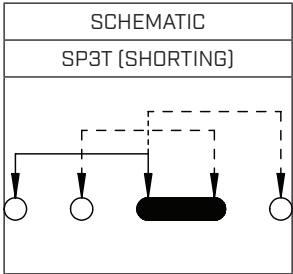
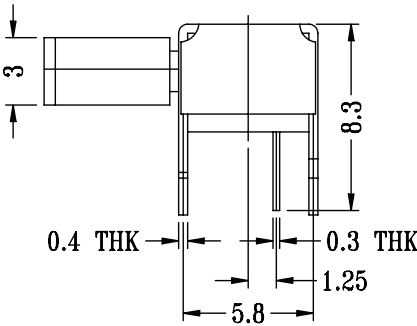
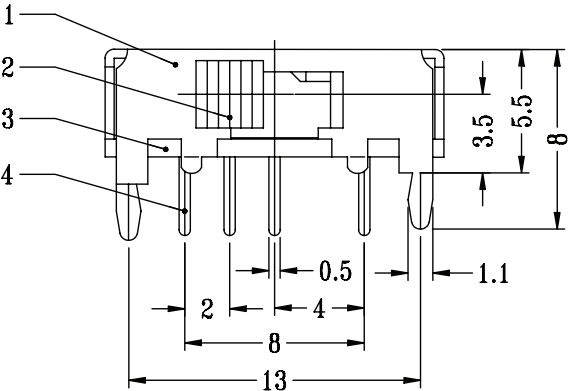
**SOLDERABILITY**

parameter	conditions/description	min	typ	max	units
hand soldering	for max 3 seconds			350	°C
wave soldering	for max 5 seconds			260	°C

MECHANICAL DRAWING

units: mm  
tolerance: ±0.30 mm  
unless otherwise specified

DESCRIPTION	MATERIAL	PLATING/COLOR
frame	steel strip	nickel
knob	POM	black
base	phenolic resin	natural
terminal	brass	silver
contact clip	PBS strip	silver
spring plate	PBS strip	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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