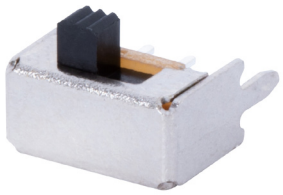
MODEL: SLW-864587-2A-RA-N-D | DESCRIPTION: SLIDE SWITCH

FEATURES

- SPDT
- non-shorting
- through hole



RoHS

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated voltage				50	Vdc
rated current				300	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		200	300	400	gf
actuator travel		1.8	2	2.2	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.

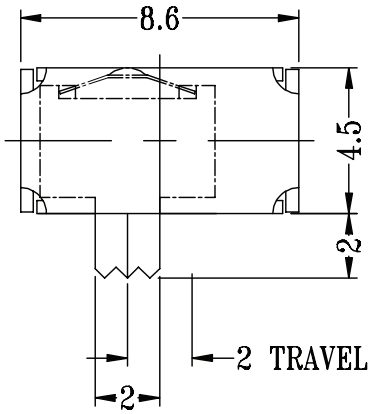
SOLDERABILITY

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

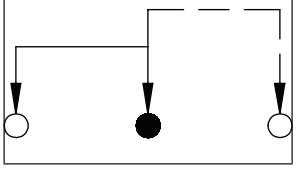
units: mm
tolerance: ±0.30 mm
unless otherwise specified
PCB thickness: 1.6 mm

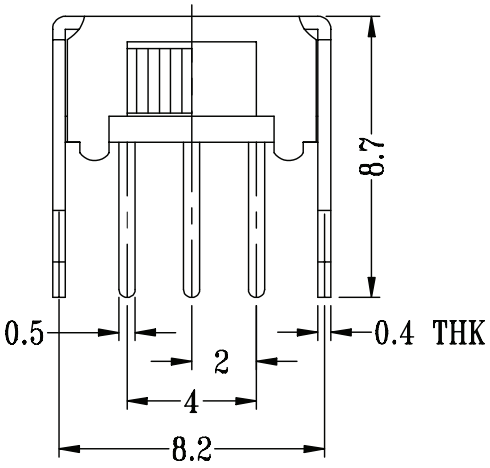
DESCRIPTION	MATERIAL	PLATING/COLOR
frame	steel strip	nickel
knob	PA66 (UL94HB)	black
base	phenolic resin	natural
terminal	brass strip	silver
contact clip	phosphorus copper (C5191)	silver
spring plate	PBS strip	natural

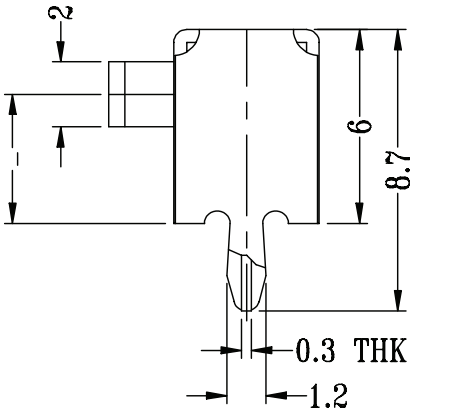


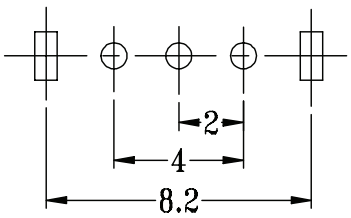
SCHEMATIC

SPDT (NON-SHORTING)









Recommended PCB Layout
Top View

REVISION HISTORY

rev.	description	date
1.0	initial release	06/10/2024

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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