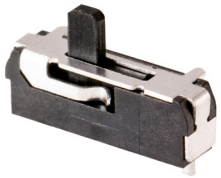
MODEL: SLW-88229-2-SMT-TR | DESCRIPTION: SLIDE SWITCH

FEATURES

- suface mount
- raised slide actuator



RoHS

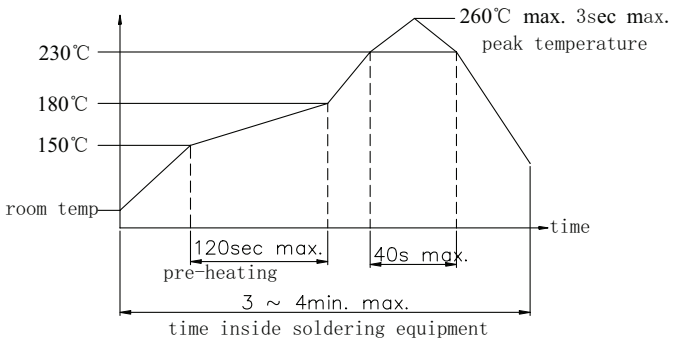
SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated voltage				12	Vdc
rated current				100	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		90	140	190	gf
actuator travel		1.8	2	2.2	mm
operating temperature		-20		70	°C
storage temperature		-40		85	°C
life	at uniform rate of 20~30 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 maximum 3 seconds			350	°C
reel storage	-5~35°C, 25~80% humidity reel opened: use within 1 month reel unopened: use within 6 months				
reflow soldering	see reflow profile			260	°C

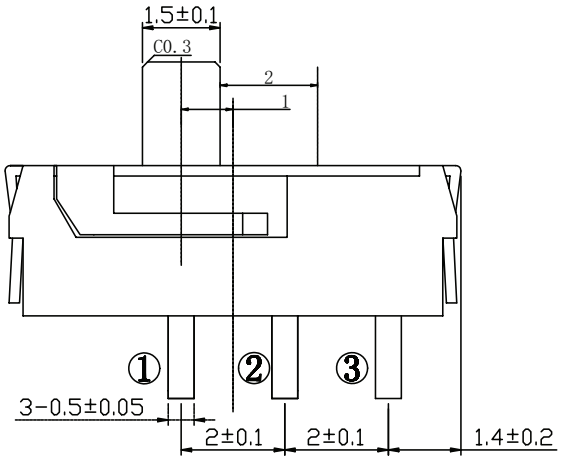
Note: 1. CUI Devices recommends usage of the product within 2 hours after T&R is opened. After 6 hours, CUI Devices recommends drying the parts prior to use.

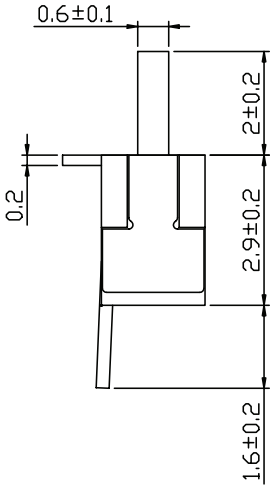


MECHANICAL DRAWING

units: mm
tolerance: ±0.20 mm
unless otherwise specified

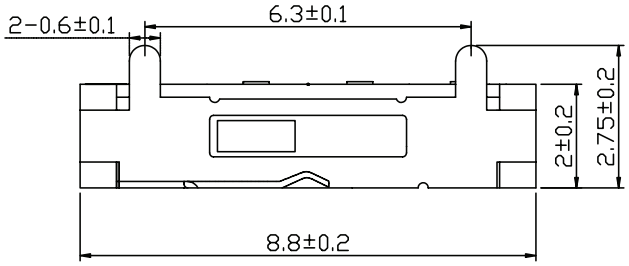
DESCRIPTION	MATERIAL	PLATING/COLOR
frame	SUS	silver
knob	PA46	black
base	PA6T	black
terminal	phosphorus copper	silver
contact clip	phosphorus bronze	silver

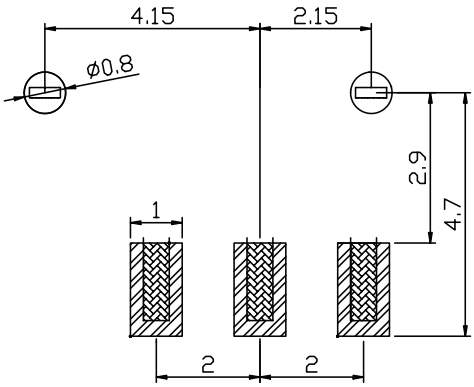




SCHEMATIC
SPDT (NON-SHORTING)





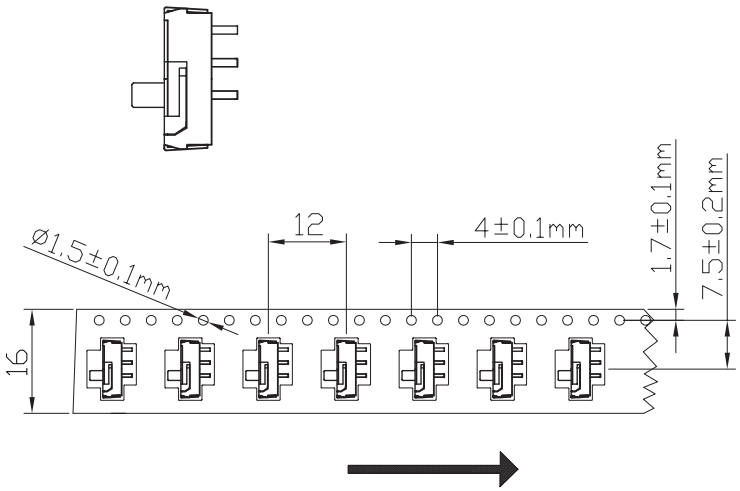


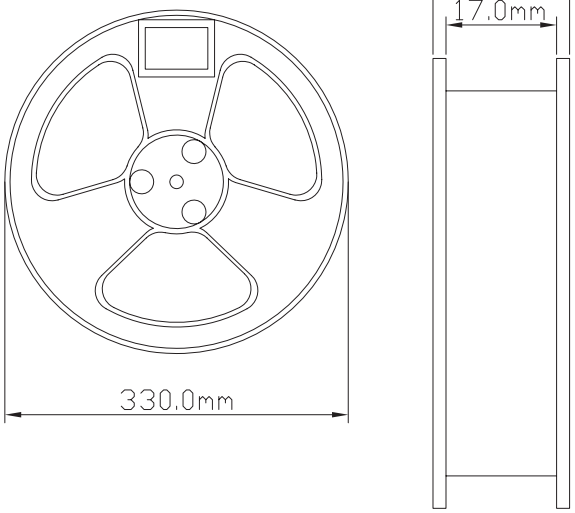
Recommended PCB Layout
Top View

PACKAGING

units: mm

Reel Size: Ø330 mm
QTY: 1,500 pcs





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.

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

CUI Devices 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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