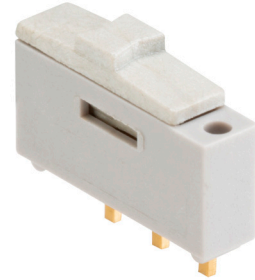


**MODEL:** MSS-102545-14A-V-SMT | **DESCRIPTION:** MINI SLIDE SWITCH

**FEATURES**

- gray raised actuator
- gray body
- vertical surface mount


**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated voltage				12 24	Vdc Vdc
rated current	at 12 Vdc at 24 Vdc	1 1		500 300	mA mA
withstanding voltage	for 1 minute		500		Vac
contact resistance				30	mΩ
insulation resistance	at 500 Vdc	10,000			MΩ
operating force		100	250	400	gf
actuator travel			1.6		mm
operating temperature		-40		85	°C
storage temperature		-40		85	°C
life	with load without load		2,000 10,000		cycles cycles
flammability rating	UL94V-0				
RoHS	yes				
packaging	bulk, 200 pcs per bag tape and reel, 1500 pcs per reel				

**PART NUMBER KEY**

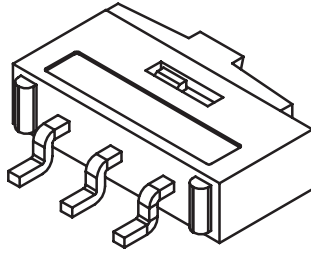
**MSS - 102545 - 14A - V - SMT - XX**

Base Number

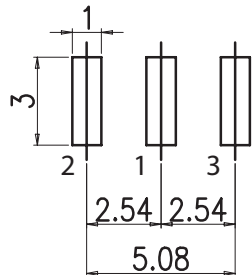
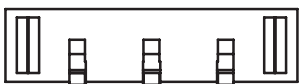
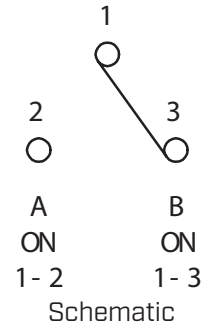
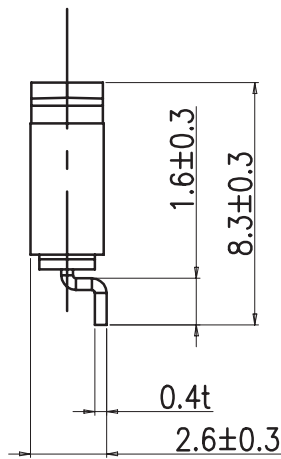
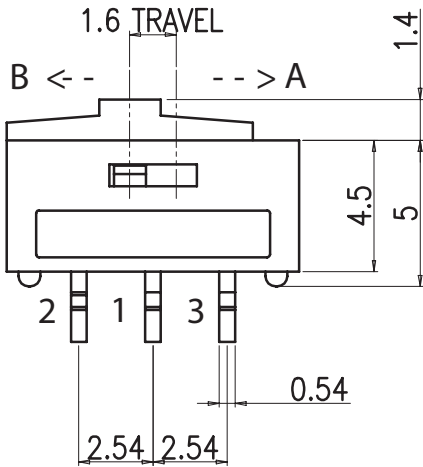
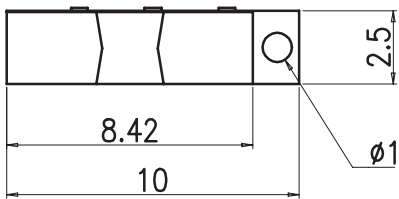
Packaging:  
"blank" = bag  
TR = tape and reel

## MECHANICAL DRAWING

units: mm  
tolerance:  $\pm 0.3$  mm  
unless otherwise noted



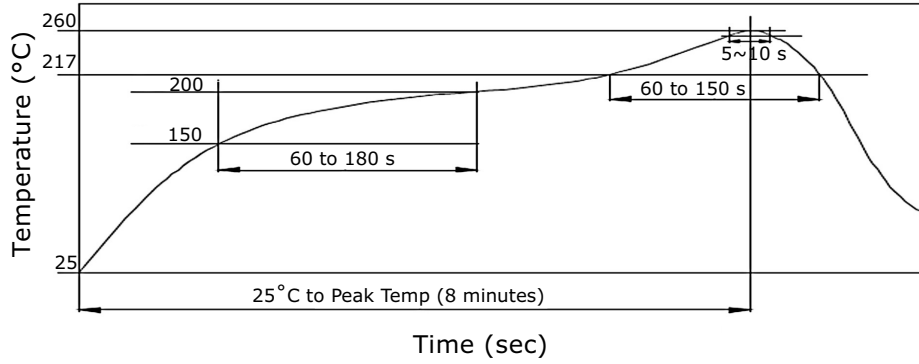
ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
1	actuator	PA66 (UL94V-0)	gray
2	housing	PA66 (UL94V-0)	gray
3	terminals	nickel	gold



Recommended PCB Layout  
Top View

## SOLDERABILITY

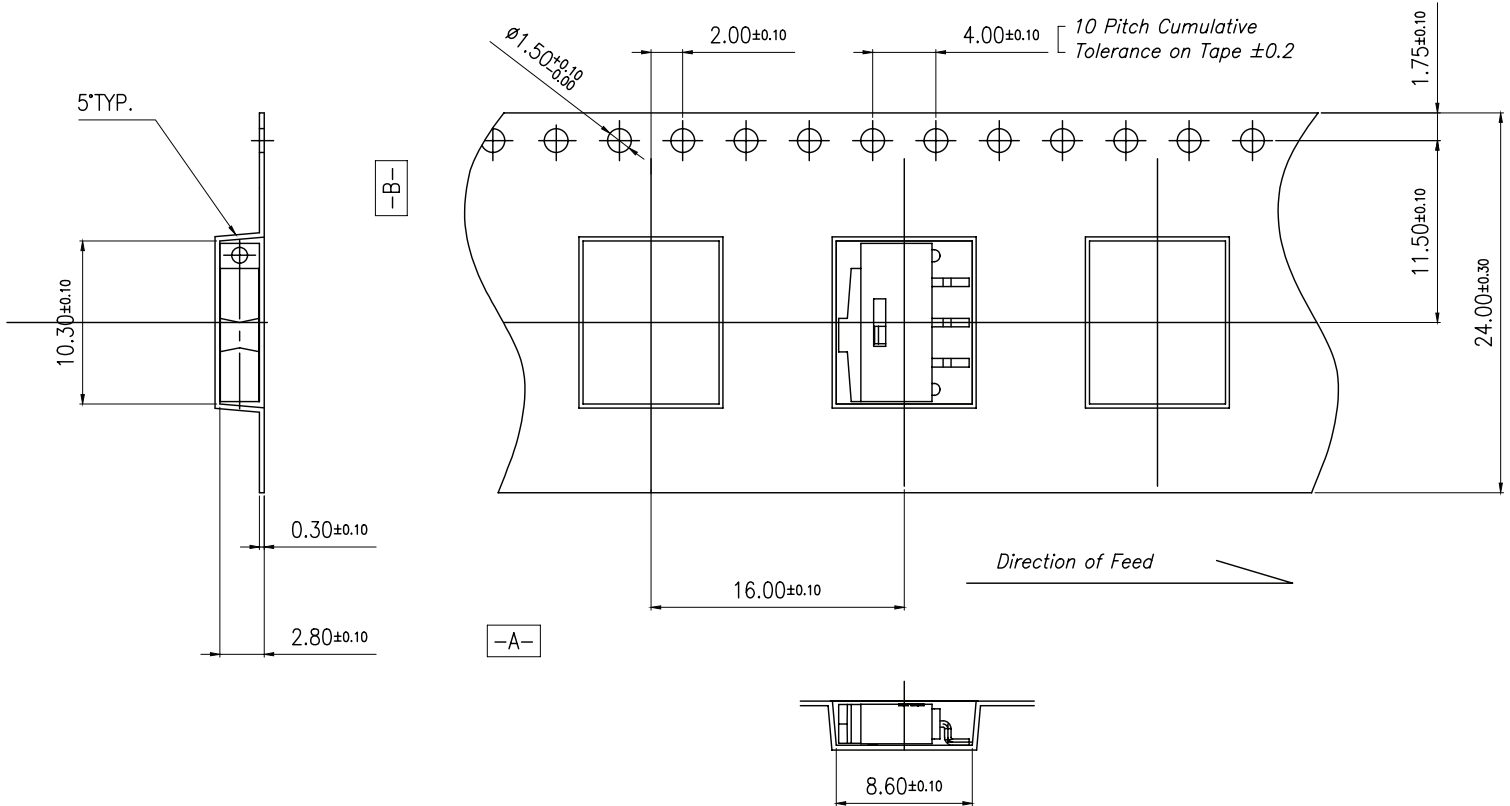
parameter	conditions/description	min	typ	max	units
reflow soldering	see graph below			260	°C



## PACKAGING (TAPE & REEL)

units: mm

Reel Size: Ø330 mm  
 Reel QTY: 1,500 pcs per reel



## REVISION HISTORY

rev.	description	date
1.0	initial release	02/19/2021
1.01	logo, datasheet style update	08/05/2022
1.02	updated datasheet	07/28/2023
1.03	added tape and reel packaging option	10/31/2023

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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