CUI DEVICES

date 02/19/2021

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

FEATURES

- gray raised actuator
- gray body
- split vertical surface mount



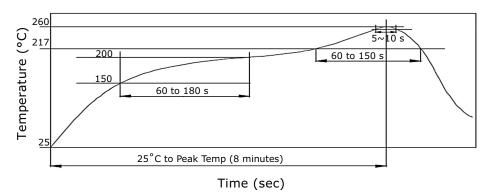


SPECIFICATIONS

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				
nackaging	hulk, 200 pcs per bag				

SOLDERABILITY

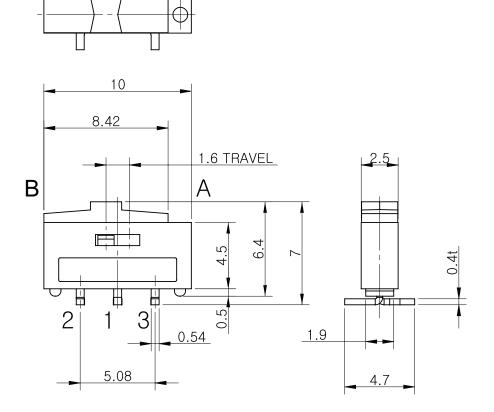
parameter conditions/description		min	typ	max	units
reflow soldering	see graph below			260	°C

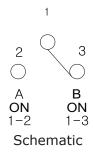


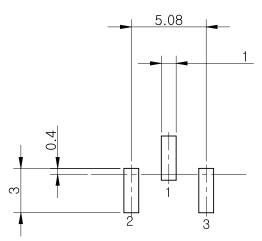
MECHANICAL DRAWING

units: mm tolerance: ±0.1 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

Additional Resources: Product Page | 3D Model | PCB Footprint

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REVISION HISTORY

rev.	description	date
1.0	initial release	02/19/2021

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

CUI DEVICES

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L203091MS02Q 4-1437581-7 X2225CR-437W 48BFSP3M2QT 1101M1S3ZB8E2 1-1437581-1 EG1218REDACTUATOR MSS2225G04
TG39W000000 1825075-1 MSS42G T105S1CWZBE SLB124145 SLB1280R5 SLB1340R45 25136NLDB TG39W000050 4021.4621
25149NAH TG36Y000050 NK236X693 GE36P000001 46204LRX EPS1PC2 1977143-4 1977144-4 1977145-4 HASS0194