

1. Style :

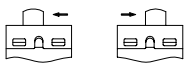
This specification describes slide switch mainly used as small current and signal switch of electric device with the general required of mechanical and characteristics.

Operating and storage temperature range:-30°C~+85°C

2. Rated Current : 3A,120VAC/ 1.5A,250VAC

3. Type of Actuation : Actuated by button.

4. Programer of test :

peculiarity	ITEM	DESCRIPTION	TEST CONDITION	REQUIREMENTS
ELECTRIC CHARACTERISTICS	1	Visual Examination	By visual examination check without any pressure and testing	There shall be no defect that affect the function of the product
	2	Contact Resistance	To be measured between the two terminals associated with each switch pole. Measurements shall be made with a 1kHz shall current contact resistance meter.	10mΩ MAX(initial)
	3	Insulation Resistance	500VDC, 1min±5sec	1 000MΩ MIN
	4	Dielectric withstandin g voltage	1500VAC (50Hz or 60 Hz) shall be applied between all the adjacent terminals and between the terminal and the frame for 1 minute.	There shall be no breakdown or flashover
MECHANICAL CHARATERISTICS	5	Operating Force	Applied in direction operation 	10N max
	6	Stop Strength	A static load of 30N is applied in the operating direction and pulling direction operated for a period of 30 seconds.	There shall be no sign of damage mechanically

MECHANICAL CHARACTERISTICS	7	Soldering Heat Resistance	through hole type (1) Soldering Temperature: 260 C (2) Duration of Solder Immersion: 5 1 秒 (3) Frequency of Soldering Process, 2 times Max (PCB is 1.6mm in thickness)	As show in item 2-6
	DURABILITY	8	Operation Life	Measurements shall be made following the test set forth below: 3A, 120VAC resistive load Rate of Operation : 6-8 cycles/minute Cycle of Operation : 6000cycles
WEATHER-PROFF		9	Resistance Low Temperature	Following the test set forth below the sample shall be left in normal temperature and humidity conditions for an hour before measurements are made Temperature : -30 3 C Time : 48 hours
	10	Resistance high Temperature	Following the test set forth below the sample shall be left in normal temperature and humidity conditions for an hour before measurements are made Temperature : 85 3 C Time : 48 hours	As show in item 2-6
	11	Resistance Humidity	Following the test set forth below the sample shall be left in normal temperature and humidity conditions for an hour before measurements are made Temperature : 40 2 C Relative Humidity : 90-95%RH Time : 48 hours	1. As show in item 4-6 2. Contact Resistance: 100mΩ max 3. Insulation Resistance: 10M Ω min

5. Safety Approval:

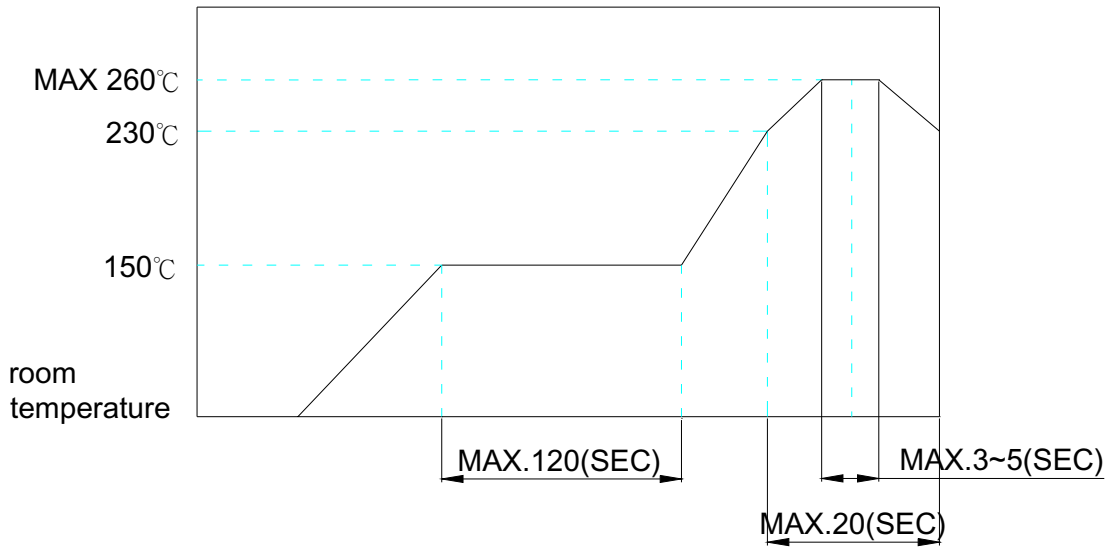
5.1 This series carry the UL approvals and c-UL(the same effect with CSA)

5.2 The File no. of UL:E123142

5.3 The applying category no, of UL:TS40-S

6. Soldering Condition

■ Condition for soldering



■ Manual soldering :

Soldering Temperature	MAX.350°C
Continuous Soldering Time	MAX.3 seconds

■ Precautions in Handling :

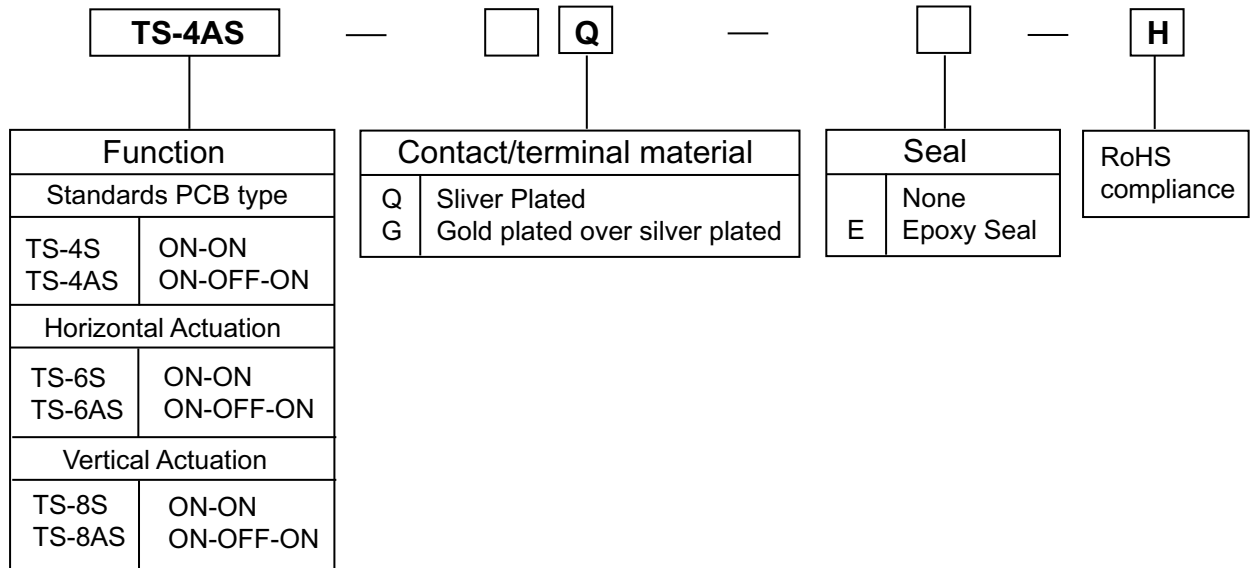
1. Care should be exercised so that flux from the upper part of the printed circuit board does not adhere to the switch.
2. Don't wash switch body ◦

7. Material :

- 7.1 CACE : diallyl phthalate(DAP) (UL94-V0)
- 7.2 SLIDE HANDLE : Nylon
- 7.3 HOUSING : Stainless Steel
- 7.4 END CONTACTS : Copper alloy , silver plated(Q contact material)
- 7.5 CENTER CONTACTS & ALL TERMINALS : Copper alloy , silver plated(Q contact material)
- 7.6 TERMINAL SEAL : Epoxy

8. PART NUMBERING OPTION:

8.1



9. Contact Option:

OPTION CODE	CONTACT PLATING	TERMINAL PLATING	RATING
Q	Silver plated	Silver plated	3A @120V AC or 28 V DC
G	Gold plated over silver plated	Gold plated over silver plated	0.4VA MAX @20 V AC or DC MAX or 3A@ 120V AC or 28 V DC

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