

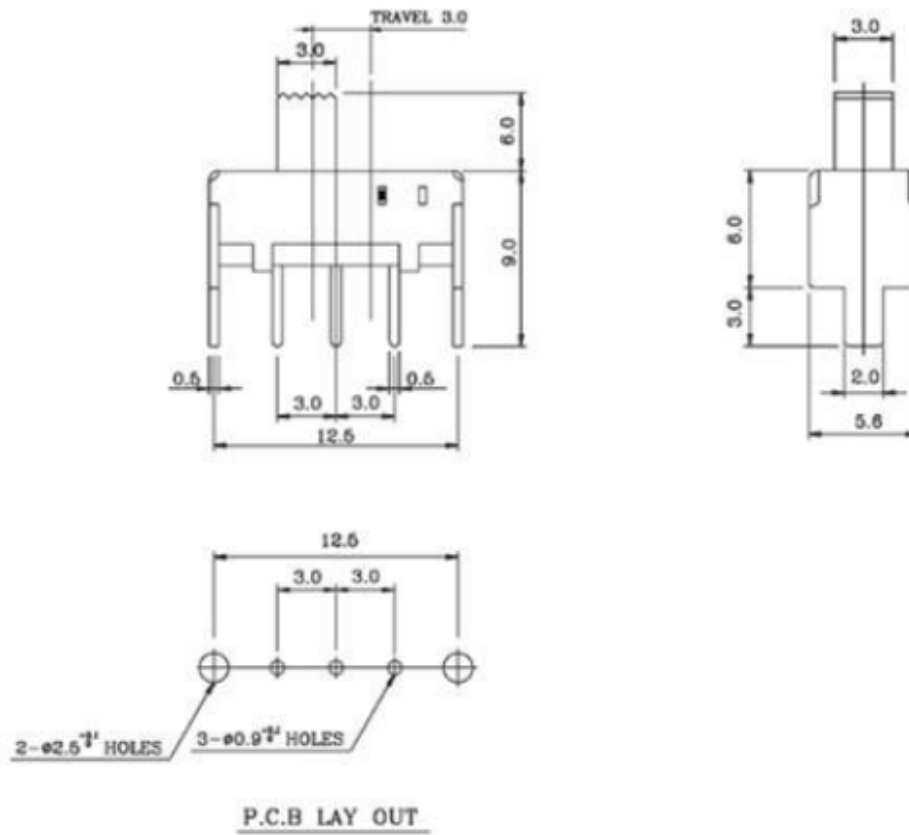
Data Sheet

SPECIFICATION LIST						SAMPLE		EA	
SLIDE SWITCH									
1. TEST CONDITIONS.									
The standard test conditions shall be 5-35°C in temperature and 45-85%RH.									
In case of ascertain any doubtful points in judgement, test shall be done in the reference of 20±2°C in temperature and 65±5% RH									
2. RATING : As per individual specification.									
3. ELECTRICAL PERFORMANCE.									
3.1 Contact resistance : 70mΩ Max at 1mA, 5V.DC.									
3.2 Insulation resistance : 100MΩ Min at 500V DC.									
Being measured with an insulation measuring device of 500V									
DC									
3.3 Withstand voltage : 500V AC (50 - 60Hz) being applied between all the adjacent terminals and between the terminal and the frame for 1 minute.									
No dielectric breakdown shall occur.									
4. MECHANICAL PERFORMANCE.									
4.1 Operating mode : As per individual specification.									
4.2 Terminal strength : A static force of 500gf being applied in one direction the tip of terminal for 1 minute.									
The terminal may be deformed, but shall not sustain any trouble as deviation and breaking of terminal and breaking of insulation material.									
4.3 Knob strength : A static force of 1Kgf shall be applied in the direction of operation of operation (stopper - side) for 15 seconds.									
The deformation shall not be extreme and the lever shall mechanically work normally.									
4.4 Frame calling strength : A static force of 1Kgf shall be applied in the direction of vertical gravity one the tip of the knob for 15 seconds.									
Shall not sustain any trouble as deviation and breaking of knob, and breaking of insulation material.									
4.5 Solderability : The test shall be conducted under the following conditions									
confirmed after that : Soldering temperature : 230±5°C									
Immersing time : 3±0.5seconds.									
More than 75% of the immersed part shall be covered with solder.									
						APPD	CHKD	DSGD	ENTER
ZONE	SYMB	DATE	APPD	CHKD	DSGD	DOCUMENT NO.			
						SS0001			

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						SLIDE SWITCH			SAMPLE	EA
4.6 Solder heat resistance : The test shall be conducted under the following conditions and confirmed after that : Temperature and immersing time. Manual soldering : 350±10℃, 3±0.5 sec. Automatic soldering : 270±5℃, 5±0.5 sec.										
5. ENDURANCE PROOF										
5.1 Mechanical operation : 5,000 cycle operations at a rate of 15 ~ 20 cycle 1 minute load. i) Contact resistance : MAX 130mΩ at 500V DC 1mA. ii) Insulation resistance : 10MΩ Min. iii) Withstand voltage : 250V AC, 1 minute, not breaking insulation. iv) Operating force : Within + 10, -30% of specifications.										
6.WEATHER PROOF										
6.1 Cold proof : Switch for test being kept in the conditions at -20±2℃ in temperature for 96 hours, and in a normal ambient condition for one hour, then to be measured within one hour. Electrical performance of the above 3,4 shall be assured.										
6.2 Dry heat proof : Switch for test being kept in the conditions at 85±2℃ in temperature for 96 hours, and in a normal ambient conditions for one hour. Electrical performance of the above 3, 4 shall be assured.										
6.3 Damp heat proof : Switch for test being kept in the condition at 40±2℃ in temperature and 90 ~ 95%RH for 96 hours, and in a normal ambient condition for 1 hur, then to be measured within one hour. Electrical performance of the above 3, 4 shall be assured.										
						APPD	CHKD	DSGD	TITLE	
									DOCUMENT NO.	
ZONE	SYMB	DATE	APPD	CHKD	DSGD				SS0001	

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- Rating : DC 50V 0.3A
- Circuit : 1C - 2P
- Timing : Shorting or Non Shorting
- Terminal : P.C.Board Terminal
- Travel : 3mm