Common Specifications

1.Rating: As per Individual Specifications

2.Electrical Performance

Contact Resistance	1mA 5V DC	20mΩ Max.
Insulation Resistance	500V DC for 1 minute	100MΩ Min.
Withstanding Voltage	500V AC for 1 minute	Shall be free from Dielectric Breakage

3. Mechanical Performance

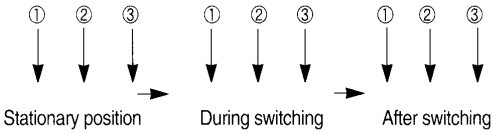
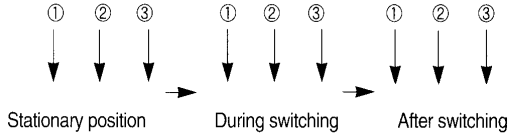
Operating Force		As per Individual Specifications
Terminal Strength	500gf for 1 minute	No Terminal Rejection and Insulator Breakage
Lever Strength	2Kgf for 15 seconds	No Deformation and Mechanical Problem Found

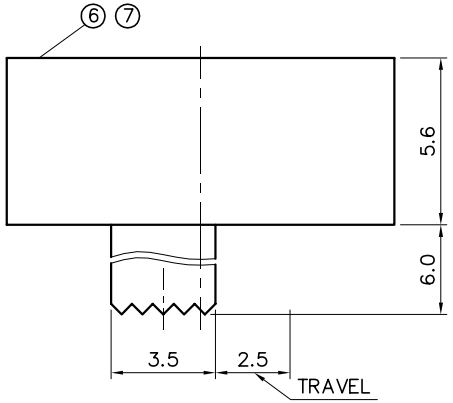
4. Endurance

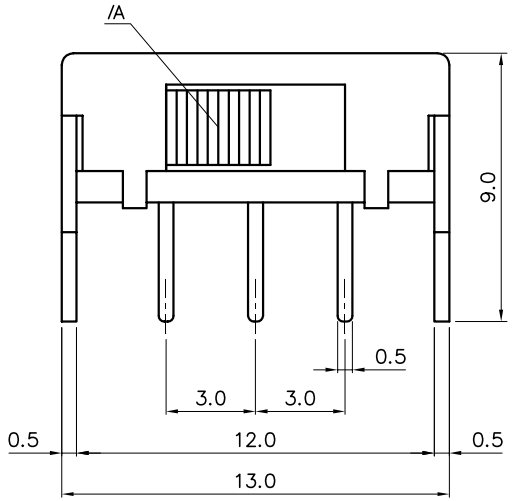
Life Test	10,000 Cycle Operations (15~20 Cycles/Minute) Without Load	• Contact Resistance: 100mΩ Max. • Operating Force: +10% Initial Value -30 • Insulation Resistance: 10MΩ Min. • Withstanding Voltage: 250V AC for 1 Minute
Cold Test	-20± 3°C for 48 ± 5 Hours After Test, Kept in Normal Condition for 1Hour, to be Measured within 1Hour.	Equality to Initial Specifications
Dry Heat Test	80± 2°C 48± 5 Hours After Test, Kept in Normal Condition for 1Hour, to be Measured Within 1 Hour	Equality to Initial Specifications

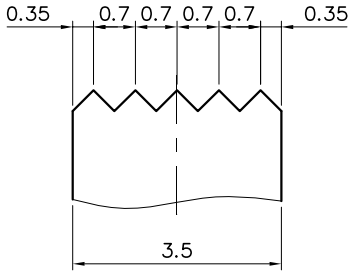
5. Solder Heat Resistance: Auto Soldering: 270° ±5°C/3 Seconds
Manual Soldering: 350° ±10°C/3 Seconds

6. Explanation of Changeover Timing

Switching action is accomplished after electrical connections have been made once across terminals during circuit selection. (Terminals ①, ② and ③ electrically connected once)	Electrical connections are turned off once across terminals during circuit selection. (Terminal ①, ② and ③ are electrically turned off once)
	







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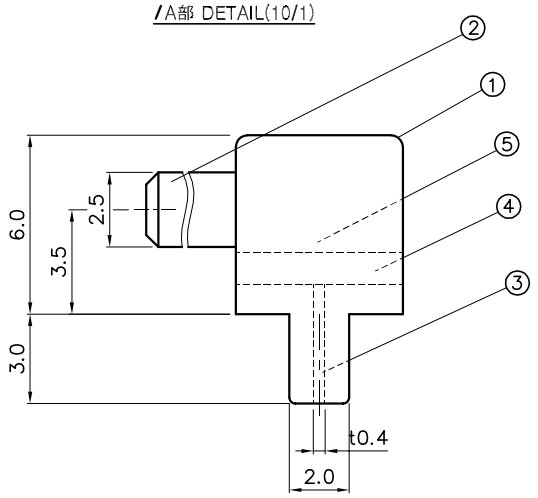
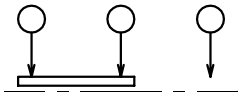


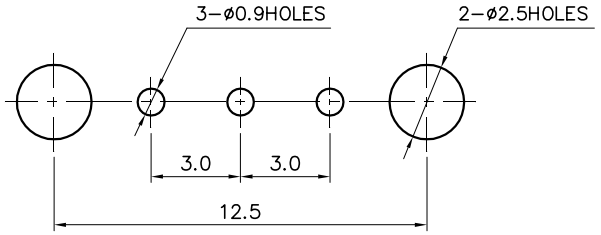


CIRCUIT DIAGRAM

NO	PARTS	Q'TY	MATERIAL	REMARK
1	FRAME	1	t0.5 SPCC-SD	Sn3
2	SLIDER	1	ACETAL	BLACK
3	TERMINAL	1	t0.2 C2680R-EH	Ag1μ
4	INSULATOR	1	t1.0 PHENOL	
5	CLIP	1	t0.045 PBSR-Ag clad	Ag1μ
6	COIL SPRING	1	ø0.2 SUS 304	
7	STEEL BALL	1	ø1.4 SUJ-2	

NOTE

1. OPERATING FORCE : 200±50gf
2. RATING : 0.2A, 30V DC
3. TIMING : NON SHORTING
4. CIRCUIT : 1C – 2P
5. TRAVEL : $0.25^{+0.2}_{-0.1}$ m/m
6. GENERAL TOLERANCE : ±0.3
7. MANUFACTURING SPECIFICATION WOULD BE ACCORDANCE WITH SS0001



PCB DIMENSION

PART NO	PART NAME	Q'TY	MATERIAL	STANDARD	DISPOSITION	REMARKS
⑤		TRIGON-OMETRY	UNIT	SCALE 5/1	SLIDE SWITCH	
④						
③		APPD	CHKD	DSGD		
②						
①					MODEL SS1206A	
NO . .	CORRECTION			98.12.17		