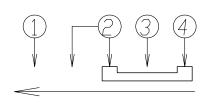


HOLE LAYOUT + 0.05



CIRCUIT DIAGRAM C:COMMON PIN BOTTOM VIEW

PART NO. SSA-13D08-G4-NA			UNIT	6	TERMINAL	BRASS STRIP	4	Ag PLATED	
TIMING Non-specified			mm	5	BASE	PHENOLIC RESIN	1	NATURAL	
DRAWNCHECKED APVD		TOLERANCE		4	CONTACT CLIP	C5210R-EH	1	Ag CLAD	
			ANGLE	±3°	3	SPRING PLATE	SUS301	1	WASHING
楊	劉	Ŧ	UP TO 10	±0,2	2	FRAME	SPCC	1	Ni
2008-10-29	2008-10-29 加祥	2008-10-29	AB□VE 10~50	±0.3	1	SLIDER	POM	1	BLACK
(C) 181	WE 11	100 100	AB□VE 50~100	±0.5	Ν0.	NAME	MATERIAL	QTY.	FINISHING

QLF0769

SPECIFICATION

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 王忠嶽
 劉加祥
 楊惠蘭

 2008/10/29
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SSA-13D08-G4-NA

- 1. General
 - 1) Operating temperature range -10 to 60° C
 - 2) Standard test conditions shall be 5 to 35° C in temperature and 45 to 85% in humidity.
- 2. Rating DC 12V 0.1A
- 3. Change over timing Non-specified
- 4. Electrical performance

此產品僅限打工焊

	Item	Conditions		Specifications
1 Contact Resistance		a) 1KHz±200Hz(20mA)		20 mohm or less.
		b) DC 5V 1A by voltage drop method.		
2	Insulation Resistance	DC 500 V 1 minute	Between terminals	100 Mohm or more.
			Terminal & frame	100 Mohm or more.
3	Withstand Voltage	AC 500 V 1 min. (50/60Hz,2mA)	Between terminals	No dielectric breakdown.
		AC 500 V 1 min. (50/60Hz,2mA)	Terminal & frame	

5. Mechanical performance

	Item	Conditions	Specifications			
1	Terminal Strength	A static load 500 gf shall be applied to the tip of the terminals	Electrical performance shall be			
		for 15 seconds in any direction. 1 cycle shall be made per 1	satisfied. Without damage of			
		terminal.	excessive looseness of terminals.			
2	Actuator Strength	A static load of 2 kg shall be applied for 15 seconds in a				
		direction reverse to cause actuation of the switch.	performance shall be satisfied.			
			Without excessive looseness of			
			bending to the actuator and			
			stopper.			
3	Displacement of	A static load of 100 gf shall be applied at the point 1 mm form	1.0 mm p-p or less			
	actuator	the tip of the actuator and than displacement shall be measured.				
4	Operating force	Measure at the tip of actuator.	a-b c-b 250±100gf			
			b-a b-c 300±150gf			

6.Endurance performance

	Item	Conditions	Specifications		
1	Solderability	Solder temperature 230 ± 5 °C		More than 90 % of the dipping	
		Dipping time 3 ± 0.5 second.	covered by solder.		
2	Soldering heat resistance	Solder bath method Solder temperature: 260 ± 5 °C Dipping time: 5 ± 1.0 second Thickness of PCB: 1.6 mm Immersion depth: Up to the surface of the Solder iron method Bit temperature: 350 ± 10 °C Application time: 3 ± 1.0 second	Without deformation of frame or excessive losseness of terminals. Electrical performance shall be satisfied.		
3	Heat test	The switch shall be stored at a temperature of 70 ± 2 °C for 48 hours. Then the switch shall be maintained standard atmospheric condition for 1 hour, after which measurement shall be made within 1 hour.	Contact Resistance Insulation Resistance Operating force Terminal Strength Appearance	Less than 40 mohm. 4.2 shall be satisfied 5.4 shall be satisfied 5.1 shall be satisfied No deformation or crack in molded part.	
4	Cold test	The switch shall be stored at a temperature of -25 \pm 3 $^{\circ}$ C for 48 hours. Then the switch shall be maintained standard atmospheric condition for 1 hour, after which measurement shall be made within 1 hour.	Contact Resistance Insulation Resistance Operating force Appearance	Less than 40 mohm. e 4.2 shall be satisfied 5.4 shall be satisfied No deformation or crack in molded part.	

П		Item	Conditions					Specifications	
П	5 Humidity test		The switch shall be stored at a			Contact Resistance		Less than 40 mohm.	
			_	ture of 40 ± 2 °C and % for 96 hours.	d humidity of	Insulation Resist	ance	More than 10 Mohm after 50	
			Then the	e switch shall be main atmospheric condition	on for 1	Withstand Voltag	ge	V DC is applied for 1 minute Withstand AC 250 V for 1 minute.	2 .
				ter which measureme ithin 1 hour.	ent shall be	Appearance		No deformation or crack in molded part or excessive rus discoloration	t or
H	6	Change of temperature		3		Contact Resistan	ice	Less than 40 mohm.	
			successive change of temperature cyclec,each as shown in table below.			Insulation Resist	ance	4.2 shall be satisfied	
						Withstand Voltag		4.3 shall be satisfied	
						Operating force		5.4 shall be satisfied	
						Appearance		No deformation or crack in molded part or excessive rus discoloration	t or
				I	•		1		
			1	Temperature		Duration			
			1	10 17 8 0		30 min			
			$\frac{2}{3}$		eric condition	10-15 min 30 min			
			4		ric condition	10-15 min			
				Standard authosphe	TIC CONGRESSION	10-13 11111			
H	7	Vibration	Only	dumanaa aanditianina	hr. o	Tamainal atmonati	h	5.1 shall be satisfied	
	/	Vibration	frequency sweep shall be made. The entire			Terminal strength		5.2 shall be satisfied	
						Operating force	.1	5.4 shall be satisfied	
						operating force		Electrical performance shall satisfied.	be
Ħ	8	Shock	Peak acceleration: 735m/s ²			Terminal strengtl	h	5.1 shall be satisfied	
				n of pulse: 6 msec.		Actuator strength		5.2 shall be satisfied	
				accessive shock shall		Operating force		5.4 shall be satisfied	
			both directions of mutually perpendicular axis (a total of 18 shocks)					Electrical performance shall satisfied.	be
Ħ	9	Life test	(Endurance without load)		Contact Resistan	ice	Less than 40 mohm.		
			A switch shall be subject to 10,000 cycles at a speed of 15 to 20 cycles per min. without load.			Insulation Resist	ance	More than 10 Mohm after 50 V DC is applied for 1 minute	-
						Withstand Voltag	ge	Withstand AC 250 V for 1 minute.	
						Operating force		Relative to the previously specified value. +10 / -30%	
7.Other									
ட									