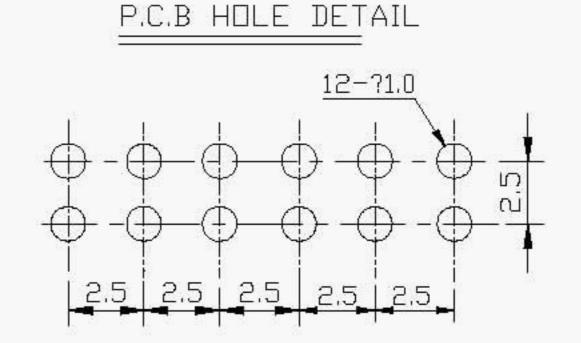


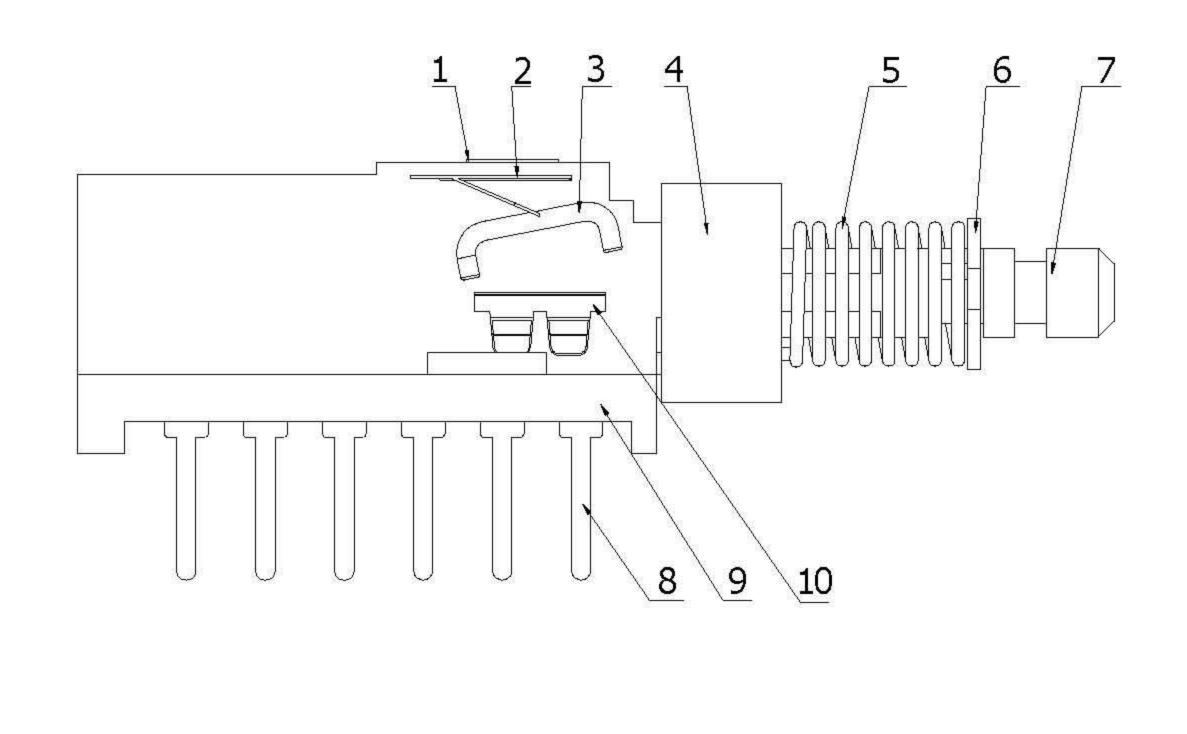
SCHEMATIC



Revision	Description	5.	Date	Revisor
Drawing No.		A/ 0	Tolerance	± 0.2
Drawing Model.	SPECIFICATION OF STANDARD T	YPE	Unit	mm
Prepared	Reviewed Approved		Effective date	20060601

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NO.	Part	Name	Q'TY	Generic C	lass	SC	3S report No.		
1	Са	ıse		PBT+GF30% (N)					
2	Spring	g Plate	1	SUS301					
3	Fixe	d Rod	1	SUS304					
4	S1e	eeve	1	POM					
5	Spr	ring	1 SUS304						
6	Ri	ng	1	SPCC					
7	St	Stem		POM					
8	Term	ninal	12	C2680		C2680			
9	Ва	ıse	1	PA66		PA66			
10	C1	Clip 1		C5210					

Structure chart:



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1. General:

1.1 Switch rating: DC 30V, 0.1A

1.2Operating temperature range -10°C~60°C

1.3 Preservative temperature range -20°C~70°C

1.4 Appearance Markings and dimensions Refer to individual product drawing

1.5 Standard conditions

Unless otherwise specified, the test and measurements shall be carried out as follows:

Ambient temperature: 5~35°C Relative humidity: 45~85% Air pressure: 86~106kpa

However, if doubt arises on the decision based on the measured values under the above mentioned conditions ,the following conditions shall be employed.

Ambient temperature: 20~2°C Relative humidity: 60±5%RH

Air pressure: 86~106kpa

2.Performance

2.1 Electrical characteristics

	Items		Test conditions						Criteria	
2.1.1	Contact resistance	measure Measur precisio	Applying a static load twice the operating force to the stem, measurements shall be made between the terminals. Measurement shall be made with a contact resistance meter for $2m\Omega$ precision under the condition which a voltage of DC 5V and a current of 0.1A shall be applied between the terminals.							
2.1.2	Insulation resistance	the term	DC 250V voltage is applied between each pair of terminals and between the terminal and the metal frame for one minute. Measurement shall be nade with a test instrument of insulation resistance under the condition which a voltage of DC 250V is applied between the terminals.						100MΩ min	
2.1.3	Dielectric withstand in voltage		AC 250V(50Hz or 60Hz) shall be applied across terminals and frame for one minute.						No damage parts arcing breakdown etc.	to or
PAGE	MARK R	EVISION	DATE	DESIG	N	CHECK			APPROVAL	

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	Items	Test	conditions				Criteria
3.Mech	anical characteristic:	S				9.5	
3.1.1	Operation force	Placing the switch such that to side, and then gradually increase maximum load for the stem to measured.	sing the load app	lied to the	stem, the	Ref	er to individual drawing.
3.1.2	Terminal strength	A static load of 500gf shall be 30 sec. in any direction.	applied to the tip	of the te	rminal for	shall b damag	cal characteristics e satisfied without e or excessive ess of terminals.
3.1.3	Displacement of actuator(Knob)	A static load of 1kgf shall be a any direction.	pplied to the terr	The lever shall have no serious deformation and function is normally.			
4.Clima	tic characteristics						
4.1	Cold test	 (1) Temperature : -30 ± 2°C (2) Duration of test : 96 hours (3) Take off a drop water (4) Standard condition after test 	st : 1 hour			After t	est:
4.2	Heat test	 Temperature: 80±2°C Duration of test: 96 hour Standard conditions after temperature: 	est: 1 hour			NO 2	et resistance: 1 Ω max 1.2 to 2.1.3 and to 3.1.2 shall be
4.3	Humidity test	 (1) Temperature :60±2°C (2) Relative humidity : 90~95% (3) Duration of test : 96 hours Take off a drop water Standard 		st: 1 hour		Satistic	au.
5. solde	ring characteristics					,	
5.1	Hand soldering	Use a soldering iron of approximately 3 seconds 1time			t 380 °C	of so mining surfac There in app	v uniform coating lder shall cover a num of 90% of the e being immersed. shall be no defects pearance or in the nanical functions.

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6. Dural	Items pility characteri	stic	Test conditi	ons	Criteria		
6.1	Mechanic al life	(2)	Without loading Operating speed: 60 cycles Push force: maximum value twice Life: 30,000 cycles		1 ohm (2)Insulati 10M ol	on resistance: hm Min.	
6.2	Electrical life	(2)	which the load of 0.1A Do Operating speed: 30 cycles Push force: maximum values twice Life: 10,000cycles	/minute	(3) Bounce: 5m sec. Max. (4) Withstand voltage: AC250V, 1 minute (5) Operating force: 30% of initial value (6) There shall be not defects in appearance or in the mechanical functions.		
7.Salt N	Mist						
7.1	Salt Mist	The The (1) (2)	st equipment : NSS It Solution : 5±1%(Solders I) e PH of salt : 6.5~7.2 st temperature : 35±2°C st pressure : 1 Kgf/cm*cm e temperature of pressure bar e slide switch shall be check Purge of the product Duration : 8 hours Purge of the product with and use wind gun drying it.	rrel: $47\pm2^{\circ}$ C ed after following test: 40° C max temperature	shall be received part. (unincludangle and line)	kable corrosion cognized in metal e sideline corner pressing border	

8.1 Package boxes or package bags should be attached labels or identifiers of Model No., Quantity and Quality Pursuing No.

8.2 There shall be quality records of inspection and test in package boxed.

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- 9. Application Notes:
- 9.1 Avoid storing the products in a place at high temperature, high humidity and in corrosive gases.
- 9.2 Avoid excessive force when inserting into P.C.B so as to avoid deformation of terminals.
- 9.3 Influence for the characteristics by something dust or foreign articles. There is a possibility something dust or foreign articles put into click of brush plate and it should cause abnormal rotation feeling.
- 10. Incoming inspection declaring:
- 10.1 You must comply with the following principles in the process of the incoming inspecting and using our products, if not, we won't be liable for any damages from it.
- 10.2 The requirement of the incoming inspection must meet the product's specification that have been affirmed and signed by you. If the following things appear in the process of the incoming inspection, the use is restricted, please feed back us in time; we will take back of all.
- 10.3 The products that are attached or stickled by the unqualified labels;
- 10.4 In the process of the incoming inspection, the following main function parameters must be checked and they must meet the specification. If the sum the badness rate is more than 1% in the process, the use is restricted, please feedback us in time, we will take back of all.
 - (1) Operating Force;
- (2) Operating Position;
- (3) Initial Contact Resistance;
- (4) Soldering ability;
- (5) Soldering temperature;
- (6) Action of function;
- 10.5 If the serious packaging disrepair of products appears in the process of the incoming inspection, please refuse accepting them and return them to us directly.
- 10.6 Operating strength: the max pressing force is 3Kgf in the side direction with the up-surface of stem; the max pulling force is 3Kgf.the badness product's damage and function destroying for above all, we won't be liable for it.
- 10.7 For switches is a multi-function parameters part in our company, which are assembled by many components, the max permitting badness rate is 500PPM in producing process. If the damages are for our producing process badness aim, we won't be liable for it.
- 10.8 If badness rate of the main function parameters which is more than 500PPM or the sum of rate is more than 1500PPM appears in your producing process, please stop using them immediately and feed back us to do with it in time.
- 10.9 If your incoming inspection is careless and it arose that the badness rate of your producing process is more than 1%, we won't be liable for the damage.
- 10.10 DIGCU ELECTRONIC CO.,LTD. of DICGU ENTERPRISE CO.,LTD. should save this product without notice right when Reliable ability, action function, frame or designed is changed.