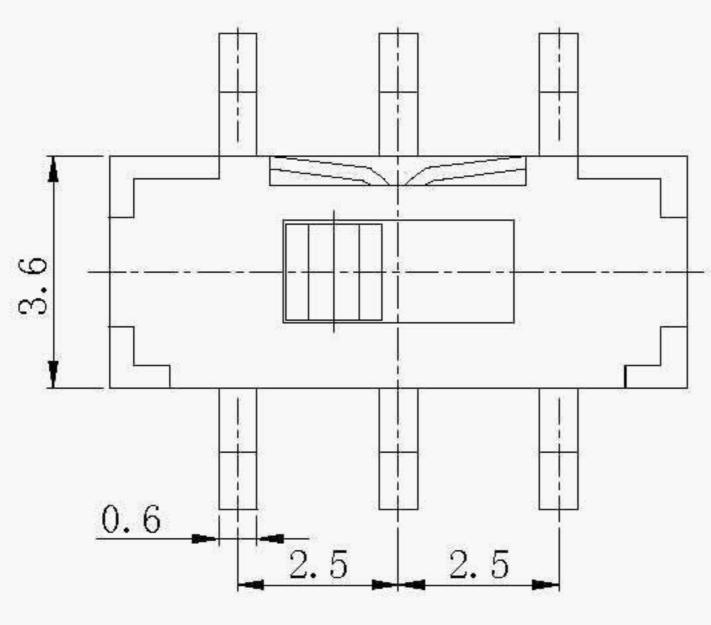
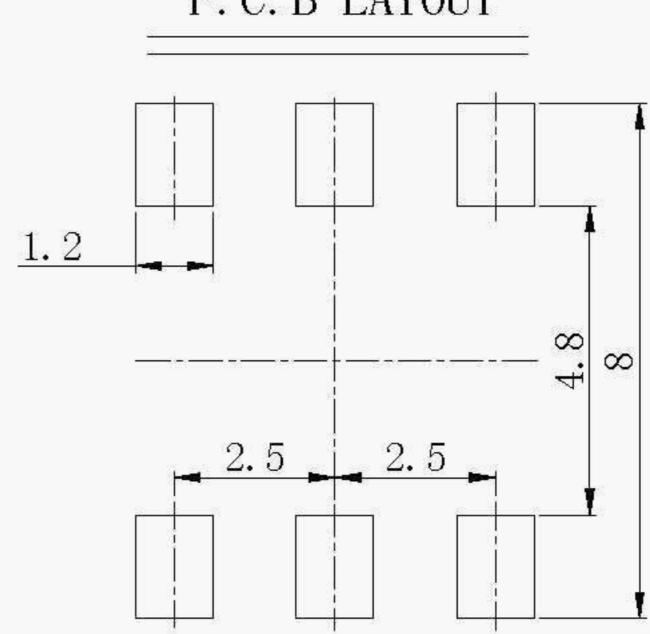
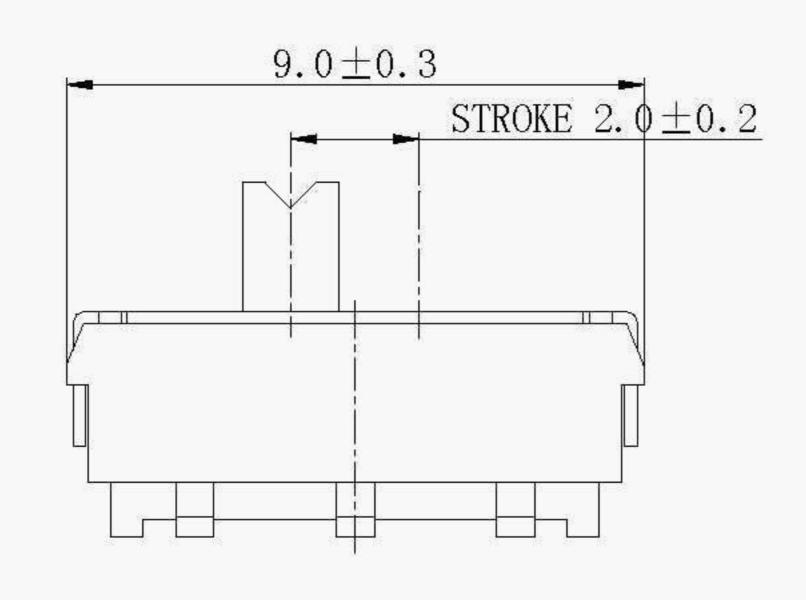
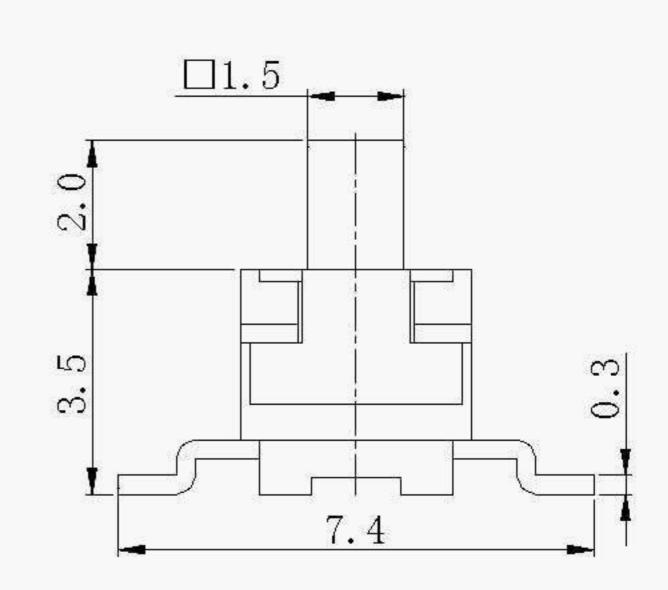
	SWEETA PRODU	CTS CORPORATION		
SWITCH TYPE SLI	DE SWITCHES	MODEL NO. MSL031B-01M-22 (MSL031B-		
1. Functional spec.			1138	
1.1 Rated Voltage	DC6V	1.6 Free Position		
1.2 Rated Current	0.3A	1.7 Operating Position		
1.3 Contact Resistance	${\leqslant}70 \mathrm{m}\Omega$ (initial value)	1.8 Position Travel	$2.0 \pm 0.2 \text{mm}$	
1.4 Operating Force	$250 \pm 100 \mathrm{gf}$	1.9 Return Force		
1.5 Bounce Time		1.10		
2.Reliable Rating				
2.1 Mechanical Life	10,000 CYCLES	2.5 Soldering Process	Hand Soldering Reflow Soldering	
2.2 Electrical Life	10,000 CYCLES	2.6 Shipping Temper	-25°C ~ 70°C	
2.3 Insulation Resistance	≥100MΩ DC500V	2.7 Ambient Humidity Used	<85%RH	
2.4 Withstand Voltage	AC500V 1 minute	2.8		
3. Dimension Drawing				
		P. C. B LAY	OUT	







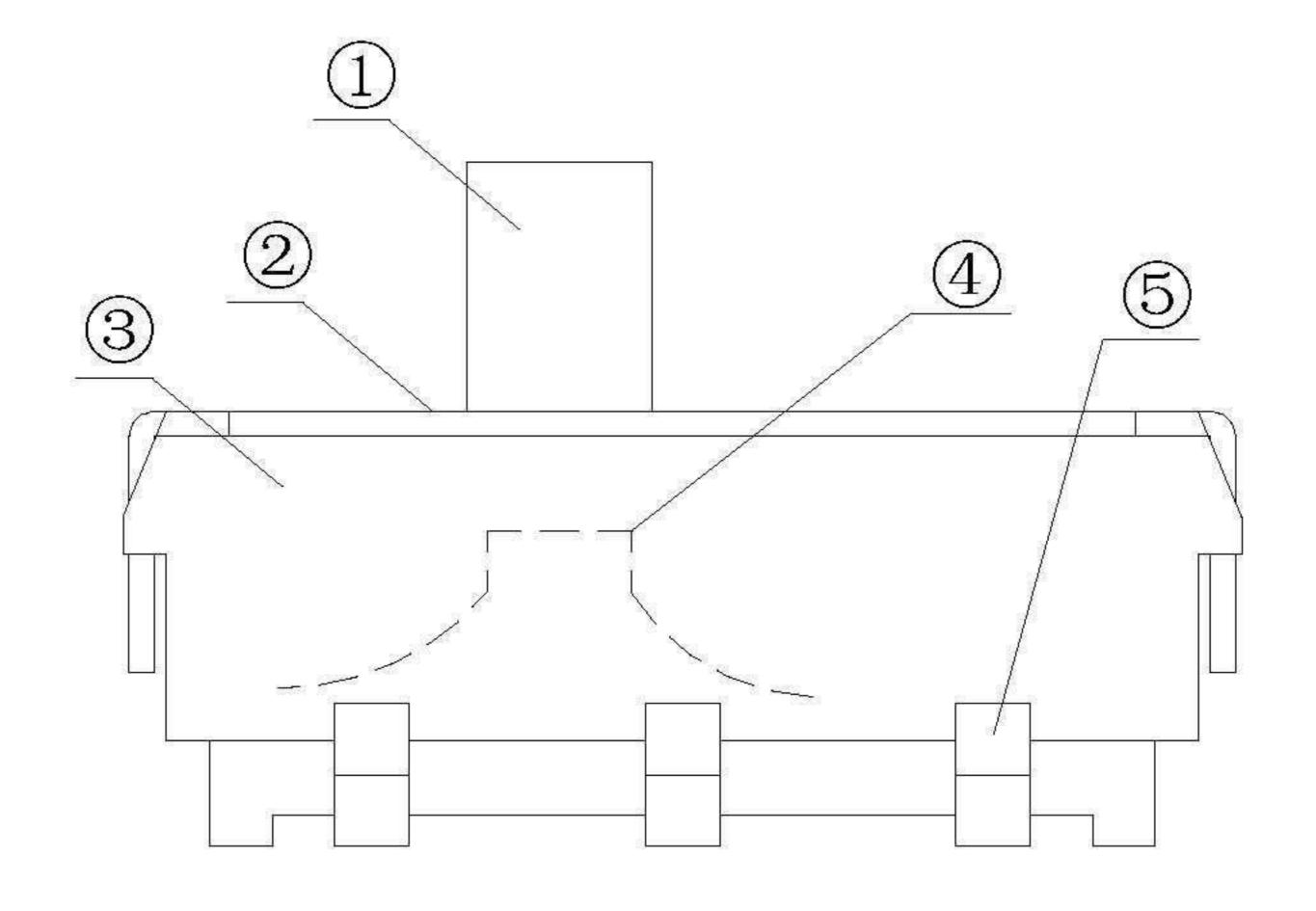


Darrialian					T>-4-	Davisas
Revision	Revision Description		Date	Revisor		
Drawing No.				C/0	Tolerance	± 0.2
Drawing Model. SPECIFICATION		CATION OF ST	ΓANDARI) TYPE	Unit	mm
Prepared Angel.	Lee Reviewed	Dragon. Dung	Approved	Kingsel.Wu	Effective date	20071120

喜威達企業股份有限公司 SWEETA PRODUCTS CORPORATION

SERIES SLIDE SWIT		SLIDE SWITCHES(MSL031)		Issuance date:		20060801
Document No	DIC/	PE031-024	Edition C Page		Page	Page1 of 3
NO.	Part Name	Q'TY	Generic Class		SGS report No.	
1	Stem		Nylon			
2	Case		SUS301			
3	Base	1	Nylon			
4	Spring Plate	2	C5210			
5	Terminal	6	C2680			

tructure chart:



喜威達企業股份有限公司 SWEETA PRODUCTS CORPORATION

SERIES	3	SLIDE SWITCHES(MSL031)	Issuance date	Issuance date:		20060801		
Docume	ent No.	DIC/PE031-024	Edition	C	Page	Page2 of 3		
1、Gen	eral :							
1.1 Swit	tch rating:	DC 6V, 0.3A						
1.2Oper	ating temperature r	ange -25°C∼70°C						
1.3 Pres	ervative temperature	range -30°C~70°C						
1.4 Stor	age humidity range	<85%RH						
2.Perfor	mance							
2.1 Elec	trical characteristics	Ī				900 Sec. 20		
	Items	Test	conditions			Criteria		
2.1.1	Contact resistance	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	between each pair of terminals a frame for one minute. Meass	voltage (Refer to the 2.3 item of spec. drawing) is applied en each pair of terminals and between the terminal and the metal for one minute. Measurement shall be made with a test ment of insulation resistance under the condition Spec. voltage is					
2.1.3	Dielectric withstand in voltage	Spec. voltage (Refer to the 2.4 item of spec. drawing)shall be applied across terminals and frame for one minute.			There shall be no breakdown			
3.Mecha	anical characteristics	vi			200			
3.1	Operation force	Placing the switch such that the vertical, and then gradually increased the maximum load for the stem be measured.	easing the load a	applied to th	e stem, Refer to individual			
3.2	Terminal strength	for 30 sec. in any direction.			Electrical characteristics			
3.3	Displacement of actuator(Knob)	A static load of 500gf Max sha Sec. In any direction.	Il be applied to	the terminal	shall be satisfied without damage or excessive looseness of terminals.			
4. solde	ring characteristics							
4.1	Hand soldering	Use a soldering iron of 30 watts 3 seconds 1time while applying		0°C approx	imately s	A new uniform coating of solder shall cover a minimum of 90% of the surface being immersed. There shall be no defects in appearance or in the mechanical functions.		

喜威達企業股份有限公司 SWEETA PRODUCTS CORPORATION

SERIES		LIDE SWITCHES(MSL031) Issuance date:		20060801		
Document No.		DIC/PE031-024	Edition	C	Page	Page3 of 3
Items		Test cond	litions	10.		Criteria
4. 2 Reflessolder	Ten Con Ten	cow Oven should be set to 250 andition for soldering (Reflection perature Profile Preheating Preheating Preheating	O°Cmax. ow & Non-wash Peak 250°C 220°C 120°C 40S 60-120S 120-220°C 60-90S 250		There sha	all be no defects in e or in the mechanical
5. Durability chara	cteristic:					
5.1 Mechani	(2)	Without loading Operating speed: 15 cycles, Push force: maximum value Life: 10,000 cycles		e twice	1 ohr (2)Bounce (3)Withs	ct resistance: n Max. e: 5m sec. Max. tand voltage:
5.2 Electric	al life (2)	 (1) which the load of 0.3A DC 60V (2) Operating speed: 10 cycles/minute (3) Push force: maximum value of operating force twice (4) Life: 10,000 cycles 			AC500V, 1 minute (4)Operating force: 30% of initial value (5)There shall be no defects in appearance or in the mechanical functions.	
1					-	

- 6.1 Hazardous Substance Management: Follow environmental requirements: Hazardous Substance DIC/WI/G506.
- 7. Quality records of delivered goods
- 7.1 Package boxes or package bags should be attached labels or identifiers of Model No., Quantity and Quality Pursuing No.
- 7.2 There shall be quality records of inspection and test in package boxed.