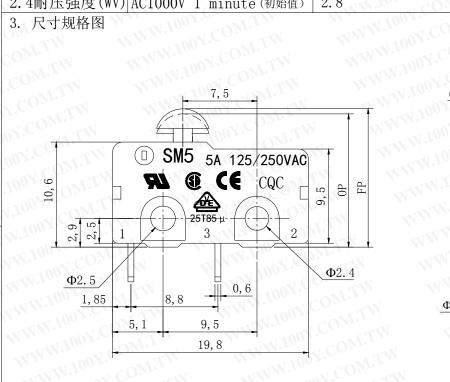
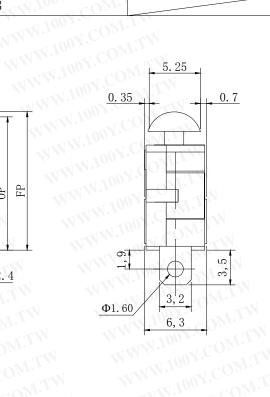
		ANU P								
		WWW.100	Y.COM.TW	RoHS						
	类型	压接微动开关	品名 SM5-	-00N2-115S-C5-8						
	1. 功能规格	1. 功能规格								
	1.1额定电压	125/250VAC	1.6自由位置(FP)	13.6 $\pm$ 0.5mm						
TT	1.2额定电流	5A	1.7动作位置(OP)	$13.0 \pm 0.5$ mm						
CONT.	1.3接触电阻(CR)	≤100m Ω(初始值)	1.8行程(PT)							
A'TOM'	1.4操作力(0F)	115±30gf	1.9灵敏度(BT)							
W.100 L COM	1.5回弹力(RF)	The COMP.	1. 10 CONTRACTOR							
NAN TON TON	2. 可靠度参数	2. 可靠度参数								
MM 100 1. CO	2.1机械寿命	1,000,000 CYCLES	2. 5焊接工艺	手工焊						
100 Y.	2.2电气寿命	10,000 CYCLES	2.6操作温度	-25° C - +85° C						
N.1007.C	2.3绝缘电阻(IR)	≥100MΩ DC500V (初始值)	2.7储存湿度	<85%RH						
WW 1007.	2.4耐压强度(WV	7) AC1000V 1 minute(初始值)	2.8	(1)						
WW 100X	3. 尺寸规格图	W.100Y.COM.TW	W.1007.	M.TV						
WWW. 100	Y.CO.			M.TW						



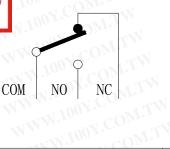


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M.T

勝 特 力 材 料 886-3-5753170 SCHEMATIC 胜特力电子(上海) 86-21-34970699 胜特力电子(深圳) 86-755-83298787 Http://www.100y.com.tw WWW.100Y.COM.TW



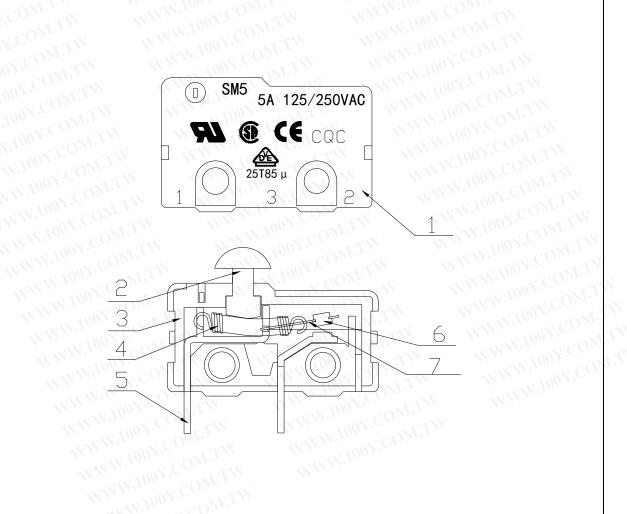
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文件名称	成品规格书		单 位	mm
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SERIES 系列		MICRO S	SWITCHES(SM5)	Issuance date	日期:		2017	
Document No	o.文件编号	100 Y.CO	DIC/PE004	Edition 版本 C		Page 页码	1/5	
NO.	Part Nam	ne 品名	Q'TY 数量	Generic Cla	ss 材质		Remark 备注	
CONTA	Upper Housing 上 盖 1 PBT		COM.T	LM M	黑色			
2 M.T	Butt 按		COM.TY	PBT		YT.	黑色	
OOX COM	Lower Housing 下 盖		ov.COMTW	PBT		M.TW	黑色	
4	Spring 弹 簧		100Y.CONLTW	SUS30	)4	COM.TW		
NW.500Y.C	Term 端		2011	C268	01.1001	Y.COM.TW		
6 100	Cont 触		W.1002COM	Silver a 银合3		OY. COM.TY	N	
WWW.100	Change 切换		MMM.14JA.CO	C521	0	100X'COM		

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## WWW.100Y.COM.TW

---cure chart: 结构示意图: WWW.100Y.COM.TW



SERIES 系列	MICRO SWITCHES(SM5)	Issuance date 日期:		2017	
Document No.文件编号	DIC/PE004	Edition 版本	C	Page 页码	2/5

## 1、General(一般特性):

1.1 Switch rating: 5A 125/250VAC (规格: 5A 125/250VAC)

1.2Operating temperature range -25℃~85℃ (操作温度范围: -25℃~85℃)

1.3 Preservative temperature range -30℃~85℃ (储存温度: -30℃~85℃)

1.4 Storage humidity range 〈85%RH (储存湿度:〈85%RH)

## 2.Performance 功能参数

## 2.1 Electrical characteristics(电气特性)

VI.100	Items 项目	Test conditions 测试条件	Criteria 标准
2.1.1	Contact resistance 接触电阻	Applying a static load twice the operating force to the button, measurements shall be made between the terminals. Measurement shall be made with a stabilization contact resistance meter for $2~\text{m}\Omega$ precision under the condition which a voltage of DC5V and a current of $0.1\text{A}$ shall be applied between the terminals. 在按钮上施加两倍操作力的静负荷值,采用精度为 $2~\text{m}\Omega$ 高稳定度线性毫欧表,在 DC5V, $0.1\text{A}$ 的条件下测量端子两端接触电阻。	Refer to individual product drawing 参考规格图纸
2.1.2	Insulation resistance 绝缘电阻	Spec. voltage (Refer to 2.3 item of spec. drawing) is applied between each pair of terminals and between the terminal and the metal frame for one minute.  Measurement shall be made with a test instrument of insulation resistance under the condition which a voltage of spec. voltage is applied between the terminals.  采用绝缘电阻测试仪,分别在相互绝缘的所有端子之间及各接线端子与外露的非金属零件之间加载规格电压(参见规格图 2.3 项),持续 1 分钟测试绝缘电阻。	Refer to individual product drawing 参考规格图纸
2.1.3	Dielectric withstand in voltage 耐压强度	Spec. voltage (Refer to 2.4 item of individual product drawing) shall be applied across terminals and frame for one minute. 在端子两端之间加载规格电压 (参见规格图 2.4 项),持续时间为 1 分钟.	There shall be no breakdown 无电击穿等异常.

SERIES	系列	MICRO SWITCHES(SM5) Issuance date 日期:				2017			
Docume	ent No.文件编号	DIC/PE004	Edition 版本	C	Page 页码	3/5			
	Items 项目	Test	conditions 测试条	件		Criteria 标准			
3.Mecha	anical characteristics	1.械特性	MM ALTOON C	on.T	N				
3.1	Free Position 自由位置	Position of switch plunger or 开关不受外力时之位置。	Refer to individual product drawin 参考规格图组						
3.2	Operating Position 动作位置	Position of switch plunge or normal to operated position. actuators. 开关操动件受到外力后,由(注意防止盖片变形或按钮	Refer to individual product drawin 参考规格图组						
3. 3	Operating Force 操作力	and then gradually increasing load for the button to come to	Placing the switch such that the direction of switch operation is vertical, and then gradually increasing the load applied to the button, the maximum oad for the button to come to operating position shall be measured. 置开关于垂直状态,渐增力度使按钮至动作位置为最大值之力度。						
3.4	Terminal Strength 端子强度	Placing the switch such that the static load of 3kgf Max shall direction of operation for one 置开关于垂直状态,动作端分钟。	There shall be no sign of damage mechanically						
3. 5	Button Strength 按钮强度	Placing the switch such that t static load of 3kgf Max shall direction of button operation 置开关于垂直状态,在端子分钟。	and electrically 机械性能、电 <sup>生</sup> 性能无损害现象。						
4. Solde	ring characteristics 焊	接性能							
4.1	MMW.	TOOX.COM.	atts, controlled at plying solder. 引于 350-360℃,	350-360° 大约 3 秒	℃ approximately 钟一次的条件下	(1)A no uniform coati of solder sh cover minimum 90% of t surface bei immersed. (2)There sh be no defects appearance or the mechanic functions. (1)覆锡性能到浸入表面90%以上 (2)没有出现何外观和机功能上的损伤			

SERIES	系列		MICRO SWITCHES(SM5)	Issuance date 日其	期:	2017		
Docume	nt No.文件编号	<u></u>	DIC/PE004	Edition 版本	1.TC	Page 页码	4/5	
Ite	ms 项目 🕠	MAN.	Test conditions 测	试条件	MIL	Criteria	 a 标准	
5. Durab	oility characteri	stic:雨	<b>大性能</b>	M.M. 100X.Co	VILIE			
N.100X; 100X;CO 100X;CO 10X;COM V.COM	Mechanical life 机械寿命	(2) (3) (4)	操作频率: 120 次/分钟  3) Push force: maximum value of operating force twice 推动力: 操作力的最大规格值的两倍  4) Life: 1,000,000 cycles 寿命: 1,000,000 次  1) which the load of 5A 250VAC 负载为 5A 250VAC  2) Operating speed: 10 cycles/minute 操作频率: 10 次/分钟  3) Push force: maximum value of operating force twice 推动力: 操作力的最大规格值的两倍			After test: (1)Contact resistance: 1 ohm Max. (2)Insulation resistance: 10M ohm Min. (3)Bounce: 5m sec. Max. (4)Withstand voltage: AC1000V, 1 minute (5)Operating force:		
5.100 5.100 WWW.10 WWW.10 WWW.10 WWW.10	Electrical life 电气寿命	(2) (3) (4)				ppearance or in unctions. 式验后: 1)接触电阻:1 欧纳 2)绝缘电阻:10 兆 3)灵敏度: 5 毫秒 4)耐压强度: AC 5)操作力度:测试	pe no defects in the mechanical 姆以下 公欧姆以上 以下	

- 6. Special Requirements 特别要求
- 6.1 Hazardous Substance Management: Follow DICGU environmental requirements: Hazardous Substance,DIC/WI/G506. 危害物质管理: 遵循帝克环境物质规范: 危害物质 DIC/WI/G506。
- 7. Marks explanation 标志说明
- 7.1 There should be "SM5" marks. 每个产品上应有 "SM5" 字样。
- 7.2 "NC, NO and C" discriminating signs of terminals should be carved on the upper housing and be clear. 开关引出端子"NC、NO、C"识别标记应刻在塑胶上盖上,清晰可识别。
- 7. 3 There should be "5A 125/250VAC" rating and certification marks on upper housing. (Refer to individual product drawing) 开关上盖上应有电气额定值: "5A 125/250VAC" 及安规认证标志。(参考规格图纸)
- 8. Packing explanation 包装说明
- 8.1 Having different transport and exist differ package: 1.Mainland: 100pcs for one case, 78 cases for one box; 2.HK:100pcs for case, 78 cases for one box; 3.Tai Wan: 100pcs for one case, 76 cases for one box; (①30gf Max of "OF" is packaged 15 cases for one box. ②Longer lever: Such as SM-07、SM-28 etc. type package)

运输方式不同,包装方式也不一致: 1、大陆: 每盒包装 100pcs,每箱装 78 盒; 2、香港: 每盒包装 100pcs,每箱装 78 盒; 3、台湾: 每盒包装 100pcs,每箱装 76 盒。(①成品弹力小于 30gf 的产品: 每箱装 15 盒; ②压柄较长的产品: 如: SM—07/28 等型号,每盒包装 80pcs。)

- 9.Quanlity records of delivered goods 出货证明记录
- 9.1 Package boxes or package bags should be attached labels or identifiers of Model No., Quantity and Quality Pursuing No. 成品包装箱或包装袋上应附有产品型号、数量及质量追踪号的标签或标识。
- 9.2 There shall be quality records of inspection and test in package boxed. 出货产品包装批、出货批应附有产品检验、试验之质量证明记录。

SERIES 系列	MICRO SWITCHES(SM5)	Issuance date 日芽	期:	2017	
Document No.文件名称	DIC/PE004	Edition 版本	C	Page 页码	5/5

10. Application Notes: 注意事项

10. 1 All parts of the switch can not be dissolved before soldering.

开关焊接前各零件不能被熔化。

10. 2 Switches can not be blown with air gun or cleaned with a solvent after soldering.

开关焊接后不能用气枪吹干或用溶剂去清洗开关。

11. Incoming inspection declaring: 验收注意事项

11. 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.

我司交付贵司产品,在验收、使用进程中必须遵循以下原则,否则造成一切损失,我司概不负责。

11. 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.

必须依据我司事先送贵司经贵司签认承认书相关规格要求验收,验收有以下情况请不予使用,退回我司。

11. 3 The products that are attached or sticked by the unqualified labels;

附有或粘贴有检验不合格标识的产品;

11. 4 In the process of the incoming inspection, he following main function parameters must be checked and they must meet the specification. If the sum of 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.

依承认书规格要求检验下列主要功能参数,必须符合要求,如在贵司验收过程有下述不良超过 1%,请贵司不要使用,及时知会我司并退回。

①Operating Force: (Refer to individual product drawing)

操作力: (参照规格图纸)

②Pre-travel: (Refer to individual product drawing) 行程范围: (参照规格图纸)

11年位回:(多州》加口国现)

③Initial Contact Resistance: (Refer to individual product drawing) 初始状态接触电阻:(参照规格图纸)

④Soldering ability: 235±5℃/3S,the covering rate of tin is more than 90%; 可焊性(235±5℃ 3S, 覆锡率 90%以上)

⑤Function and action: the operation that the direction of switch operation is vertical with the up-surface of button isn't disabled;

功能动作:产品正压无动作失效:

11. 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.

贵司在验收过程发现外包装严重破损,请不予收货,直接退还我司。

11. 6 Operating requirement: the direction of switch operating is vertical with the up-surface of button; 使用压动方向: 必须正压。

11. 7 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.

因贵司进料验收漏失,导致超过1%以上制程不良损失,我司不负责任。

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