



ISO 9001 國際品質認證
ISO 9001 CERTIFICATE

松暉電機工業股份有限公司
SONG HUEI ELECTRIC CO., LTD.
佛山市松暉電機科技有限公司
FOSHAN SONG HUEI ELECTRIC CO., LTD.

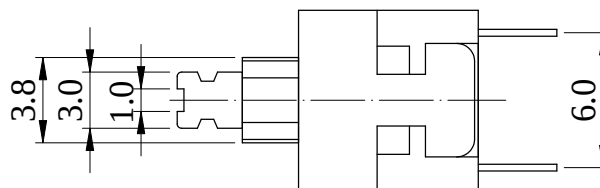
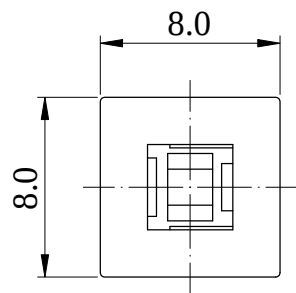
1.一般事項 General		
項目 Item	測試條件 Test Conditions	規格 Performance
1.1 額定值 Rating	DC 30 V 0.1 A	/
1.2 接觸型式 Func tion	2 P 2 T	/
1.3 時間特性 Timing	Non-shorting	/
2 .電氣特性 Electrical Characteristics		
項目 Item	測試條件 Test Conditions	規格 Performance
2.1 接觸電阻 Contact resistance	在1 KHz 微小電流 (100 mA 以下)測試。 Measured at 1 KHz small current (100 mA or less)	200 mΩ max 200毫歐姆以下
2.2 絕緣電阻 Insulation resistance	輸入DC 500 V 電壓1分鐘按以下接觸方法測試: (1)排腳相互之間 (2)排腳與外殼之間 A voltage of DC 500 V shall be applied for 1 min after which measurement be made (1) Between terminals (2) Between individual terminals and frame	100 MΩ min 100兆歐以上
2.3 耐電壓 Dielectric strength	輸入AC 500 V (50 HZ ~60 HZ)電壓,1分鐘感度電流為0.5mA 按以下接觸方法測試: (1)排腳相互之間 (2)排腳與外殼之間 AC 500 V rms (50 HZ ~60 HZ) for 1 min trip current 0.5 mA (1) Between terminals (2) between individual terminals and frame	沒有絕緣破壞等異常 Without damage to parts arcing or breakdown etc.
3.機械性能 Mechanical Characteristics		
項目 Item	測試條件 Test Conditions	規格 Performance
3.1 作動力 Operating force	/	250 gf ± 100 gf
3.2 端子強度 Terminal strength	在任意一個方向的先端加 300 gf 力度測試, 時間為1分鐘。 A static load of 300 gf shall be applied to the tip of the terminal for 1 min in any direction	在端子中沒有裂開, 鬆動等異常, 滿足於機械, 電器性能 Electrical characteristics shall be satisfied without damage or excessive looseness of actuator
3.3 測試標準狀態 Standard atmospheric condirions	在沒有指定的情況下測試溫度、濕度、氣壓如下: (1) 溫度為 5 °C ~ 35 °C (2) 濕度為 45 % ~ 85 % (3) 氣壓為 80 Kpa~106 Kpa Unless otherwise specified The standard range of atmospheric condmons for making measurements and tests are as follows: (1) Ambient temperature : 5 °C to 35 °C (2) Relative humidity : 45 % to 85 % (3) Alr pressure: 80 Kpa to 106 Kpa	
3.4 使用溫度範圍 Practical temperature range	在-16 °C ~ +60°C溫度使用。 -16 °C ~ +60°C	
4.耐久性		
項目 Item	測試條件 Test Conditions	規格 Performance
4.1 壽命試驗 Life test	無負荷: 操作者以每分鐘 20 次的頻率做 10, 000 回之次測試。 With out load : An actuator shall be subject to 10,000 cycles at a speed of 20 cycles per 1 min	(1) (接觸電阻) Contact resistance 500 mΩ max 500毫歐以下. (2)其它滿足於機械性能. 電氣性能. Mechanical and electronical characteristics sahl be satisfied



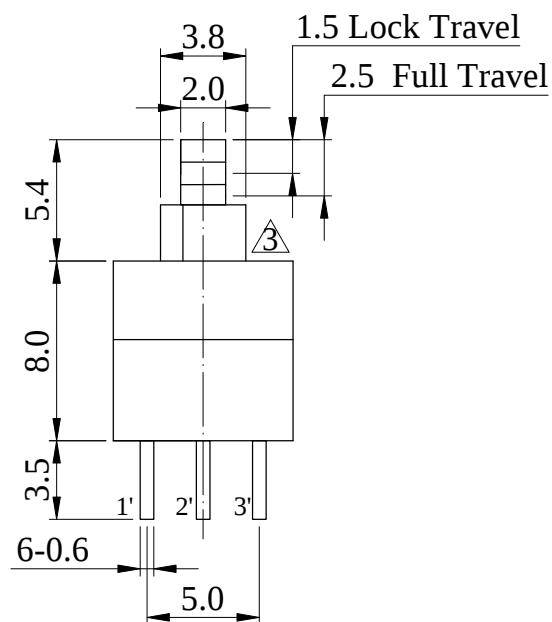
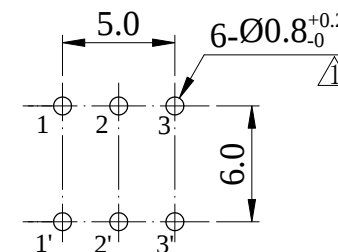
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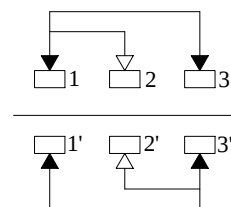
4.2	可焊性試驗 Solderability test	端子頂部被浸入錫焊池中2 mm 深溫度為 230 ± 5 ° C 時間為 3 ± 0.5秒。 The top of the terminals shall be dipped 2 mm in the solder bath of 230 ± 5 ° C for 3 ± 0.5 seconds.	焊接面積要有75 % 以上 The area of soldering should be over 75%.									
4.3	耐焊性試驗 Resistance to soldering heat test	溫度及浸漬時間 Temperature and immersing time <table><tr><td></td><td>i溫度 (°C) Temperature</td><td>時間 (S) Time</td></tr><tr><td>浸錫 Dip soldering</td><td>260 ± 5</td><td>3 ± 1</td></tr><tr><td>手焊 Manual soldering</td><td>360 ± 10</td><td>3 ± 1</td></tr></table> 浸錫深度：浸錫深度至基板PCB 表面，基板厚度為1.6mm (2)Immersion depth: Immersion depth up to the surface of the boards thickness of printed wiring board 1.6 mm		i溫度 (°C) Temperature	時間 (S) Time	浸錫 Dip soldering	260 ± 5	3 ± 1	手焊 Manual soldering	360 ± 10	3 ± 1	本體無變形、能滿足於機械、電氣性能。 Without deformation of case or excessive looseness of teminals, electrical characteristics shall be satisfied .
	i溫度 (°C) Temperature	時間 (S) Time										
浸錫 Dip soldering	260 ± 5	3 ± 1										
手焊 Manual soldering	360 ± 10	3 ± 1										
4.5	耐冷試驗 Cold test	放置在溫度-25 ± 3 ° C中96小時後，再放置常溫常濕中1小時來進行測試。 The switch shall be stored at a temperature of -25 ± 3 ° C for 96 hours. Then the switch shall be maintained at standard atmospheric conditions for 1 hour after which measurement shall be made .	外觀無異常，滿足於機械、電器性能。 There shall be no damage on appearance mechanical and electrocal characteristics shall be satisfied									
4.5	耐熱試驗 Heat test	放置在溫度85 ± 2 ° C中 96 小時後，再放置正常室溫中 1 小時來進行測試。 The switch shall be stored at a temperature of 85 ± 2 ° C for 96 hours .Then the switch shall be maintained at standard atmospheric conditions for 1 hour after which measurement shall be made .										
4.4	潮濕試驗 Humidity test	放置在溫度40 ± 2 ° C的相對濕度為 90 % ~ 95 %，環境中96小時後，再將樣版放在正常環境1小時後進行測試。 The switch shall be stored at a temperatue of 40 ± 2 ° C and a humidity of 90 % to 95 % for 96 hours .Then the switch shall be maintained at standard atmospheric condition measurement shall be made.										



Mounting Hole



SCHEMATIC



Non notation tolerance	
< 10	±0.3
10 ~ 100	±0.5
> 100	±0.8



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MODEL: PS2206/LOCK/0245



Approval



Checked



Projected



UNIT

mm

SCALE

3:1

VERSION

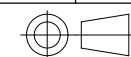
1.4

DATE

2015.09.07

DRAWING
NO.

SS-003



整理图元

何鴻根

2019. 01. 07



修改图元

何鴻根

2017. 8. 23



增加0245

何鴻根

2017. 8. 15



增加公差^{+0.2}₋₀

邝俊华

2016. 03. 10

ISSUE

SUBJECT

NAME

DATE

RECORD