

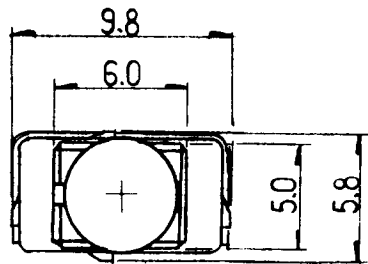
DATA SHEET

SUNGMUN CODE : SP-12SB

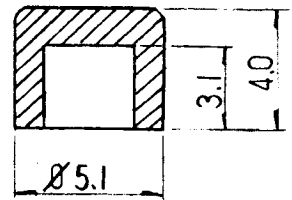
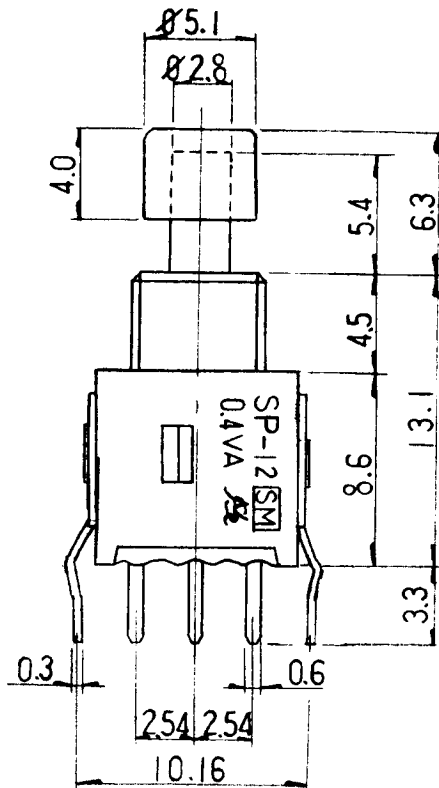
DESCRIPTION : PUSH SWITCH

SUNGMUN ELECTRONICS CO., LTD.

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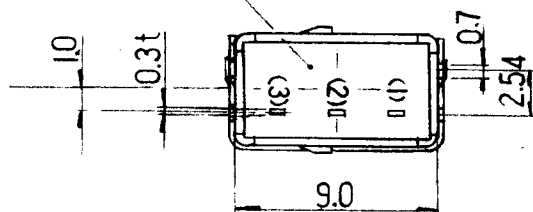
SK-100 (CAP)



COLOR

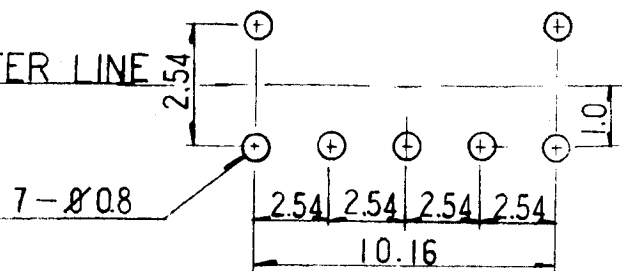
K: BLACK
R: RED
W: WHITE

EPOXY SEAL



P.C.B HOLE SIZE

CENTER LINE



CIRCUIT

NORMAL

DOWN

ON 2-3

(ON) 1-2

(): MOMENTARY

變更欄	5								
	4				品 番	部 品 名	材 質	數 量	
	3				一般公差	處理:			
	2				第三角法	尺 度			
	1				作成日字	98年 6 月 20 日	圖名: PUSH BUTTON S/W		
設計	寫圖	製圖	檢圖	承認	承認	作成部署: 開 發 部		關聯製品	
						圖面番號	SP-12SB		

1. Electrical Characteristics :

- 1-1 Rating: 0.4VA at 28V AC or DC Max.
- 1-2 Contact Resistance: Max 50 mΩ
- 1-3 Insulation Resistance: Min 500 MΩ at DC 500V
- 1-4 Withstanding Voltage: 1 minute at AC 500V
- 1-5 Life Cycle: 20,000 cycles
- 1-6 Operating Temperature: -25°C ~ +80°C

2. Mechanical Characteristics :

- 2-1 Operating Force: 250±100gf
- 2-2 Travel: 1.1mm
- 2-3 Insulator: Fiberglass reinforced polyamide.
- 2-4 Terminal: Brass, Gold plate.

3. High, Low Temperature Test :

- 3-1 Test Condition: 80°C±3°C for 48 hours
-25°C±3°C for 48 hours
- 3-2 Insulation Resistance: Min 500 MΩ at DC 500V
- 3-3 Withstanding Voltage: 1 minute at AC 500V
- 3-4 Contact Resistance: Max 50 mΩ

4. Humidity Test :

- 4-1 Test Condition: Measured 3 hours after exposure to ambient after 96 hours exposure at
40°C±2°C, 90-95% R.H
- 4-2 Insulation Resistance: Min 10 MΩ
- 4-3 Withstanding Voltage: 1 minute at AC 500V
- 4-4 Contact Resistance: Max 50 mΩ

5. Solder Condition :

- 5-1 Within 5 sec. at 270°C