

SS5 编码开关系列 Dip switch series

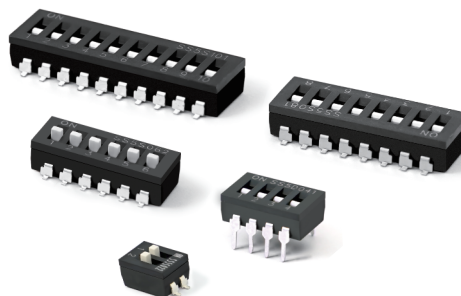
◆ 特點和用途 Characteristics and usage

- 結構緊湊，體積小；接觸穩定；廣泛應用於計算機主板的超頻、無線通訊、廣播電視等設備。

Compact structure, small size; stable contact; widely used in computer motherboard overclocking, wireless communication, radio and television and other equipments.

- 點接觸穩定可靠

Stable and reliable contact.



◆ 技術特性 Technical Characteristics

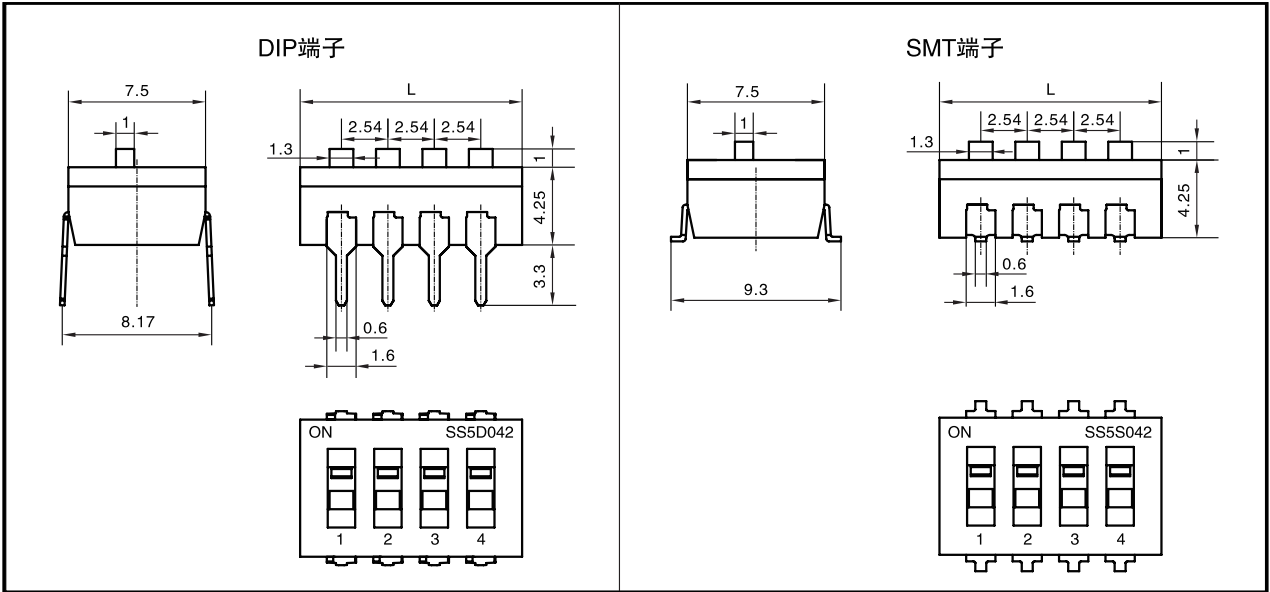
項目 Item		特性值 Value
環境溫度 Environment temperature		-30 ~ +85℃
工作速度 Operating speed		30mm ~ 600mm/s
工作頻率 Operating frequency		機械 60次/min; 電氣 15次/min Mechanical 60 cycles/min; Electrical 15cycles/min
絕緣電阻 Insulation resistance		≥ 100MΩ (100VDC)
接觸電阻 Contact resistance		≤ 50MΩ
耐電壓 Test voltage	同極不相接端子間 Between terminals of the same polarity	AC 300V, 50/60Hz, 1min
	帶電金屬零件與地(外殼)之間、接綫端與不帶電金屬件之間 Between current-carrying metal parts and ground (case), and between each terminal and non-current-carrying metal parts.	AC 500V, 50/60Hz, 1min
抗振動 Vibration resistance		10 ~ 55Hz, 1.5mm 雙振幅 Double amplitude
抗衝擊 Shock resistance		耐久 Endurance: 1000m/s ² (約100G approx.100G)max 誤動作 Wrong action: 300m/s ² (約30G approx.30G)max
電氣壽命 Electrical life		≥ 1,000次cycles
機械壽命 Mechanical life		≥ 1,000次cycles

◆ 型號規格命名及含義 Model number legend and meanings

SS5 - □ □ - □ □ - (□)
1 2 3 4 5

1 接觸形式 Circuit	D:直插式DIP S:貼片式 SMT	4 額定值 Rating	無標記：鍍銀 Unmarked Silver plated A:鍍金 Gold plated
2 極數 Pole number	02, 03, 04.....10, 12 (Expressed in Arabic numerals)	5 附加規格編號 Additional spec numbers	特殊要求（用兩位阿拉伯數字表示） Special Requirements (Expressed in Arabic numerals)
3 按鈕類型 Plunger spec	1: 低型 low 2: 高型 high		

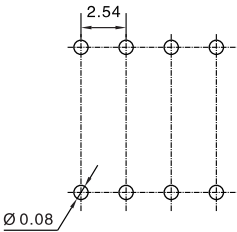
◆ 端子類型圖 Terminal dimensions



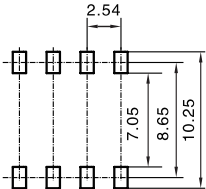
◆ 極數對應的長度尺寸L Item name and dimension

極數	L (mm)
2	7.06
3	9.06
4	12.14
5	14.68
6	17.22
7	19.76
8	22.30
9	24.84
10	27.38
12	32.5

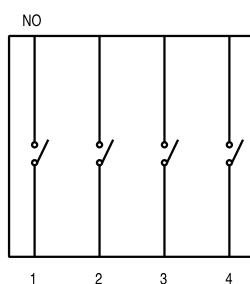
◆ 直插式端子安裝孔尺寸 Attachment hole dimension for DIP



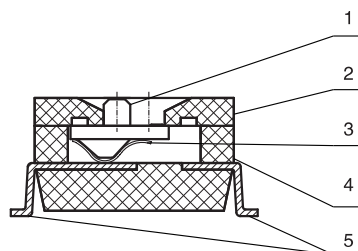
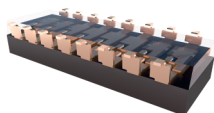
◆ 貼片式端子布局尺寸 PCB layout for SMT



◆ 電路圖 Schematic diagram

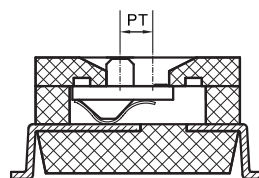


◆ 內部構造圖 Internal configuration drawing



- | | |
|--------|--------------|
| 1: 開關子 | Plunger |
| 2: 蓋 | Cover |
| 3: 可動片 | Moving piece |
| 4: 基座 | Case |
| 5: 端子 | Terminal |

◆ 動作特性 Operating characteristics



動作力 Operating force (OF)	9.8N MAX
動作行程 Pretravel (PT)	1.2±0.1mm