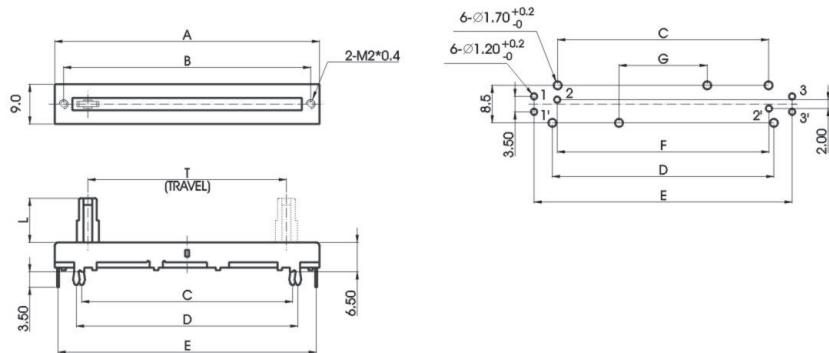
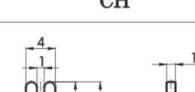
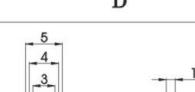
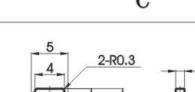
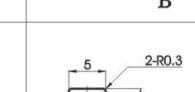


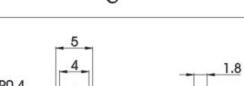
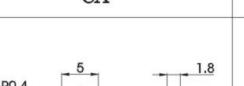
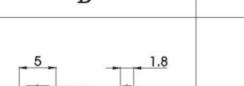
P.C.B. MOUNTING HOLE DETAIL



| MODEL | T | A | B | C | D | E | F | G |
|-------|-----|-----|-------|-------|------|-------|----|----|
| S152□ | 15 | 30 | 26 | 17.8 | 20.2 | 28.5 | 18 | |
| S202□ | 20 | 35 | 31 | 22.8 | 25.2 | 33.5 | 23 | |
| S302□ | 30 | 45 | 41 | 32.8 | 35.2 | 43.5 | 33 | |
| S452□ | 45 | 60 | 56 | 47.8 | 50.2 | 58.5 | 48 | |
| S602□ | 60 | 75 | 71 | 62.8 | 65.2 | 73.5 | 63 | |
| S002□ | 102 | 117 | 112.5 | 104.6 | 107 | 115.2 | | 20 |

LEVER TYPE

| MATERIAL | Metal lever | | | | | | | | | | | | | | | |
|------------|---|---|---|--|---|----|----|----|---|----|----|------|----|----|---|----|
| LEVER TYPE | CH | | D | | C | | B | | | | | | | | | |
| DIMENSIONS |  |  |  |  | | | | | | | | | | | | |
| LENGTH(L) | X | M | | | X | P | Q | R | X | A | B | E | C | D | X | J |
| | L | 10.4 | | | L | 10 | 15 | 20 | L | 10 | 15 | 17.3 | 20 | 25 | L | 15 |
| | F | 7 | | | F | 7 | 10 | 10 | F | 7 | 10 | 10 | 10 | 10 | | |

| MATERIAL | Insulated lever | | | | | | | | | | |
|------------|---|---|----|------|----|---|----|--|--|----|----|
| LEVER TYPE | C | | | | | CA | | | B | | |
| DIMENSIONS |  | | | | |  | | |  | | |
| LENGTH(L) | X | 7 | 1 | 2 | 3 | 5 | 6 | | X | 8 | 9 |
| | L | 5 | 10 | 12.5 | 15 | 18 | 20 | | L | 5 | 10 |
| | F | 5 | 5 | 5 | 5 | 5 | 5 | | L | 10 | |

Electrical characteristics: 電氣的性能

| Total resistance 總 阻 值 | 1KΩ ~1MΩ | | | | | | | |
|--|--|--------|--|-------|-------|-------|----------------------|--------|
| Total resistance tolerance 總 阻 值 容 許 差 | $\pm 20\%$ more than 1MΩ $\pm 30\%$ | | | | | | | |
| Resistance taper 阻 值 線 性 | A,B,C,D,K,WRD | | | | | | | |
| Insulation resistance 絕 緣 抵 抗 | 100MΩ min. at 250V DC. | | | | | | | |
| Withstand voltage 耐 電 壓 | AC 300V (1 minute) | | | | | | | |
| Rated power 定 格 電 力 (w) | Taper | Travel | 15 mm | 20 mm | 30 mm | 45 mm | 60 mm | 100 mm |
| | B | Single | 0.05 | 0.1 | 0.2 | 0.25 | 0.2 | 0.25 |
| | | Dual | 0.025 | 0.05 | 0.1 | 0.125 | 0.2 | 0.2 |
| | (B)以外 | Single | 0.025 | 0.05 | 0.1 | 0.125 | 0.1 | 0.125 |
| | | Dual | 0.012 | 0.025 | 0.05 | 0.06 | 0.1 | 0.1 |
| Max. operating voltage (AC V) 最 高 使 用 電 壓 | B | Single | 100 | 200 | 200 | 200 | 200 | 200 |
| | | Dual | 100 | 100 | 200 | 200 | 200 | 200 |
| | (B)以外 | Single | 50 | 150 | 150 | 150 | 150 | 150 |
| | | Dual | 50 | 50 | 150 | 150 | 150 | 150 |
| Gang error 相 互 偏 差 | Application 用途 | | Measuring range 測定範圍 | | | | Specification 規 格 | |
| | Volume control 音量用 | | -40~0 | | | | 3dB | |
| | | | -30~0 (20mm Travel) | | | | 4dB | |
| | Tone control 音質用 | | At taper measuring point (only 50% for taper W) | | | | 2dB | |
| | | | | | | | | |

| | | | | | | | |
|-----------------------------|-----------------------------------|------|------|-------|-------|-------|-----|
| Residual resistance 殘留阻值 | Total resistance 總阻值 | 10KΩ | 50KΩ | 100KΩ | 200KΩ | 500KΩ | 1MΩ |
| | Between terminals 1-2 端子 1-2 間 | 10Ω | 10Ω | 10Ω | 20Ω | 20Ω | 20Ω |
| | Between terminals 2-3 端子 2-3 間 | 10Ω | 10Ω | 20Ω | 20Ω | 50Ω | 50Ω |

Mechanical characteristics: 機械的性能

| | |
|----------------------------------|---|
| Operating force 作動力 | 0.2~2N(20~200gf) |
| Stopper strength 作動停止強度 | 50N(5kgf) measuring point=5mm |
| Lever wobble 柄的晃動 | 2(2*L)/20 mm max. (L:Lever length both side) L: 兩側柄長 |
| Bending moment 瞬間彎曲 | 25mN.m(250gf.cm) |
| Push pull strength 軸推拉強度 | 50N (5kgf) |
| Click slip-out force C.C. 脫出力 | 0.3~2.5N(30~250gf) |
| Lever deviation 柄的偏心量 | 0.5 max. (one side) 單側 |

Durability: 耐久的性能

| | |
|----------------------|---------------|
| Sliding life 滑動壽命 | 15,000 cycles |
|----------------------|---------------|