

DSS SPDT SERIES

CHANGEOVER SLIDE SWITCH "ST" AND "SMT" TYPE



◆ Features

- The distance of 2 adjacent pins or stacked devices is 2.54 mm pitch
- All plastics are UL 94V-0 grade fire retardant
- Low contact resistance and long mechanical life, suitable for signal switching and communication equipments.
- Gold plated in solder and contact area (**gold/gold**).

◆ Applications

- Measuring point changeover switches
- Service switch
- Controls for consumer devices

◆ Specifications

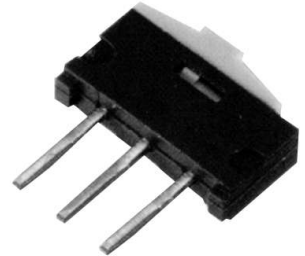
1. ELECTRICAL

- | | |
|---|----------------------------------|
| 1-1 Contact Rating | |
| - switching | : 0.2A at 24 VDC, 0.5A at 12 VDC |
| - minimum | : 1mA at 10mV |
| 1-2 Contact Resistance | : 30 mΩ max. |
| 1-3 Insulation Resistance | : 10000 MΩ min. at 500 VDC |
| 1-4 Dielectric Strength | : 500 VDC for 1 min. |
| 1-5 Capacitance between adjacent switches | : 1.5pF max. |

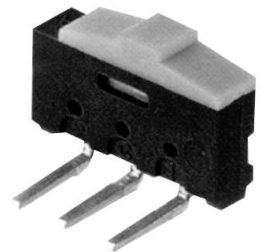
2. MECHANICAL and ENVIRONMENTAL

- | | |
|-------------------------------|---|
| 2-1 Temperature rating | |
| - operating | : -25°C to +70°C |
| - storage | : -40°C to +85°C |
| 2-2 Operating force | : 1000 g max. |
| 2-3 Mechanical life | : 10000 operations |
| 2-4 Humidity | : 95% RH, 40°C for 96 hours |
| 2-5 Vibration | : 10 Hz to 60 Hz, 1.5mm movement for 6 hours |
| 2-6 Salt spray | : 35°C, 5% for 24 hours |
| 2-7 Solderability | : 95% coverage after 230°C +/- 5 for 5 sec. |
| 2-8 Soldering temperature | |
| - through hole wave soldering | : 260°C max. for 5 seconds |
| - SMT reflow soldering | : 210°C for 20 seconds, 230°C peak for 3 sec. |

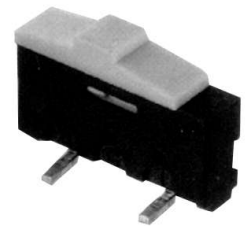
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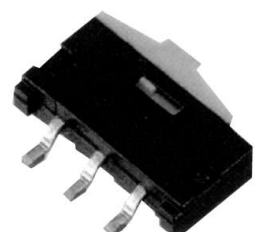
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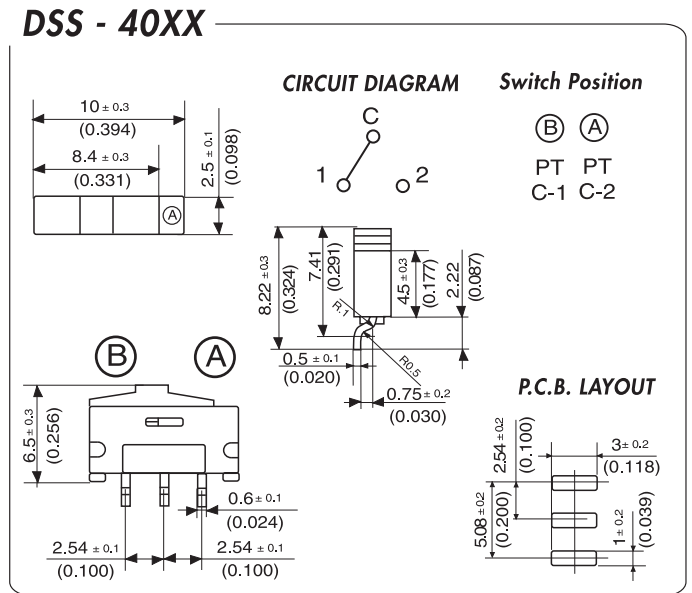
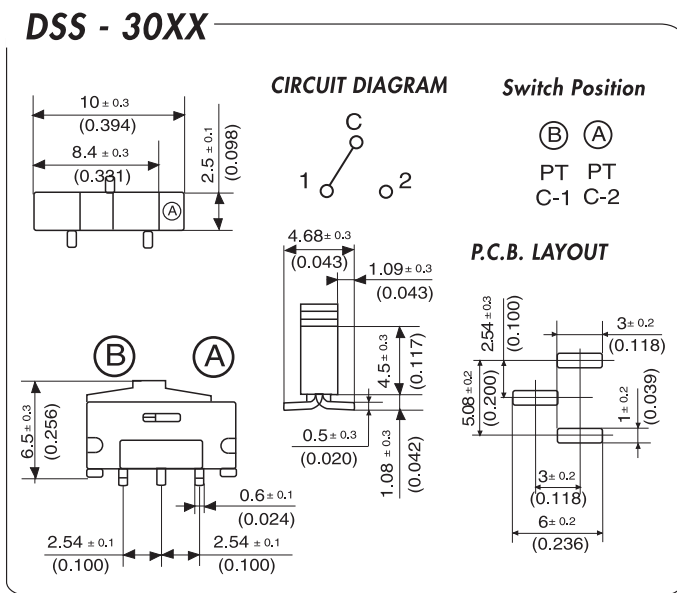
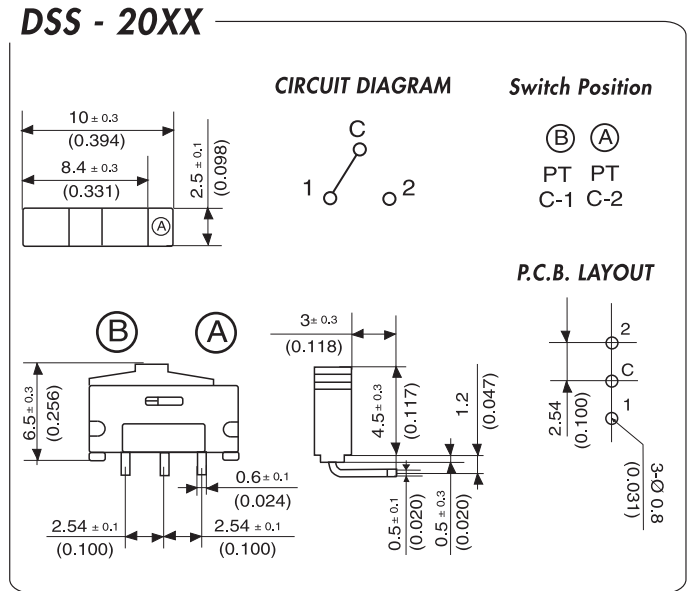
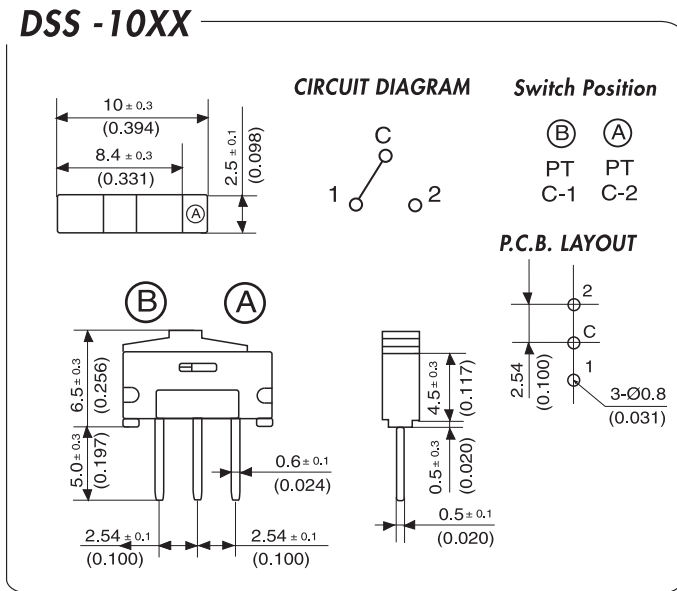
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◆ Dimensions and circuitry



◆ Part Numbering System

DSS - XX XX XX Z

