

Surface Mount DIP Switch — Auto Placeable

Features

Optimized Mechanical Features

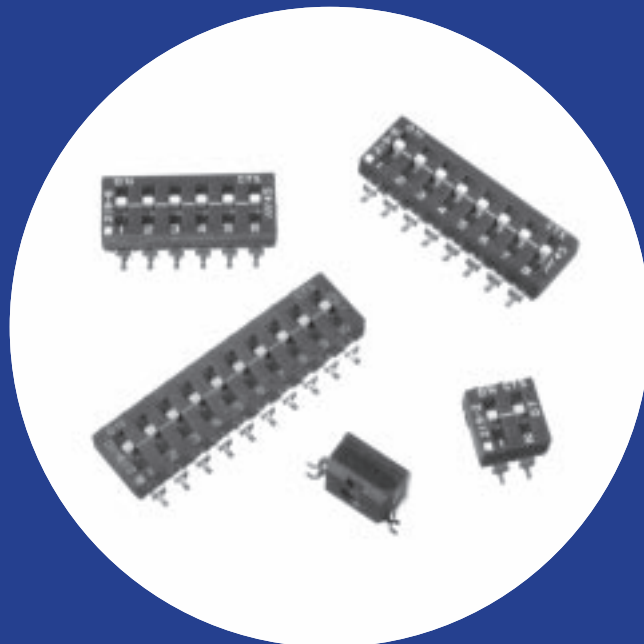
- Positive detent separate from contactor
- Available low profile, medium, and extended height actuators
- Gull-wing and "J" lead terminal configurations
- Tube or tape and reel packaging available

Optimized Contact System

- Redundant, wiping contact
- Contactor does not deflect during actuation

Premium Materials

- Gold plated beryllium copper contacts
- High temperature materials (UL94V-0)
- RoHS compliant
- Optional top tape seal for board spray washing



Electrical and Mechanical Specifications

Switch Function

SPST- 2 through 10 and 12 positions

Switch Contact Resistance

25 milliohms maximum initial
50 milliohms maximum at the end of life

Insulation Resistance

1,000 megohms minimum between
insulated terminals

Dielectric Strength

500 VDC for 1 minute between
adjacent switches

Nonswitching Rating

100 mA or 50 VDC maximum

Switch Capacitance

5 pF maximum between adjacent closed switches

Operating Temperature

- 55°C to +85°C

Actuation Life

2,000 cycles switching 100 mA @ 20 VDC or
0.1 mA @ 5 VDC (dry circuit)

Coplanarity

0.10mm (.004") maximum

Allowable Solder Time

Up to 60 seconds at 260°C

Vibration

Per MIL-STD-202F, method 204D, condition B
(.06" or 15 G's between 10 HZ to 2K HZ) with no
contact inconsistencies greater than 1
microsecond.

Shock

Per MIL-STD-202F, method 213B, condition A
(50 G's) with no contact inconsistencies greater
than 1 microsecond.

Sealing

Standard bottom seal
Optional top tape seal for board spray washing

Marking



Special marking available consult CTS.

Packaging

Standard : Anti-static tube packaging
Optional : Tape and reel packaging

Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

-  [View 219-4LPST](#) on WIN SOURCE
-  [CTS Electrocomponents](#) Information

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