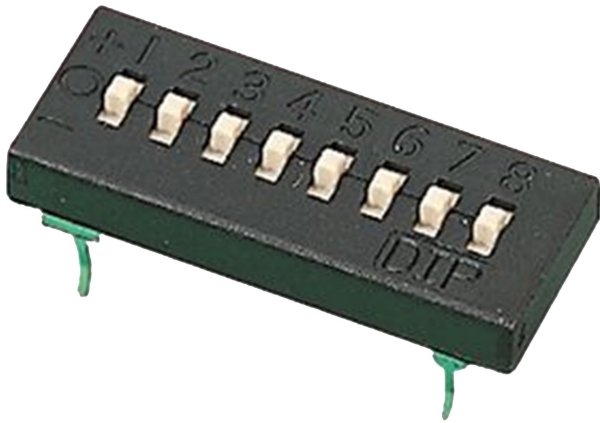


RoHS
Compliant



Specification:

Mechanical

Mechanical Life	: 2,000 Operations Cycles
Operation Force	: 1,000gf Max.
Stroke	: 1mm
Operation Temp	: -20°C to +70°C
Storage Temp	: -40°C to +85°C

Material

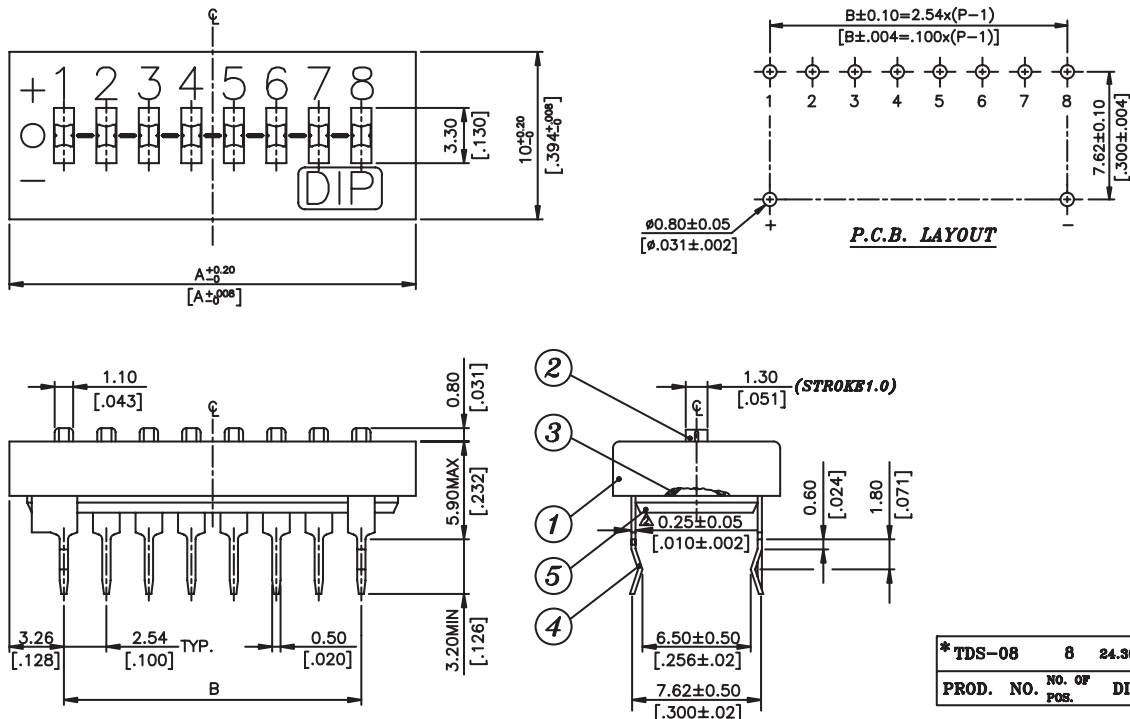
Base & Cover	: PBT High Thermoplastic; Colour : Black
Actuators	: Nylon Thermoplastic; Colour : White
Contact	: Alloy Copper with Gold Plated
Terminal	: Brass with Tin Plated
Contact Plating	: Gold Plating over Nickel

Electrical

Electrical Life	: 2,000 cycles
Non-Switching Rating	: 100mA, 50V DC
Switching Rating	: 25mA, 24V DC
Contact Resistance	: (a) 50mΩ Max. at initial (b) 100mΩ Max. after life test
Insulation Resistance	: 100MΩ min. at 500V DC
Dielectric Strength	: 500V AC/1 minute
Circuit	: 3 switching positions

Tri-State DIL Switch

multicompPRO



General Tolerance : $\pm 0.2\text{mm}$

Dimensions : Millimetres (Inches)

Soldering Process:

- Keep all switch contacts in their "O" position for all operations
- **Wave Soldering** : Recommended solder temperature at 500°F (260°C) Max. 5 seconds
- **Hand Soldering** : Use a soldering iron of 30 watts, controlled at 350°C approximately 5 seconds while applying solder

Part Number Table

Description	Part Number
Switch, DIL, TRI-State, 8 Way	MCTDS-08

Important Notice : This data sheet and its contents (the "Information") belong to the members of the AVNET group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp Pro is the registered trademark of Premier Farnell Limited 2019.

Newark.com/multicomp-pro
Farnell.com/multicomp-pro
Element14.com/multicomp-pro

multicompPRO