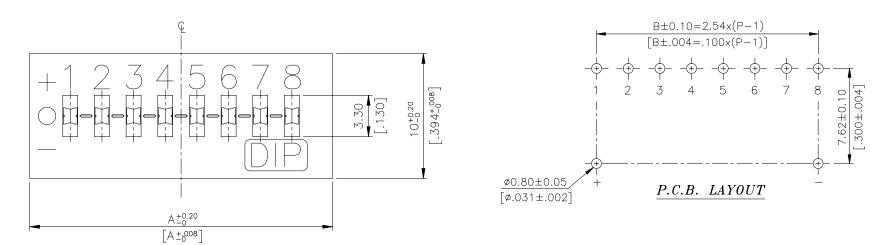
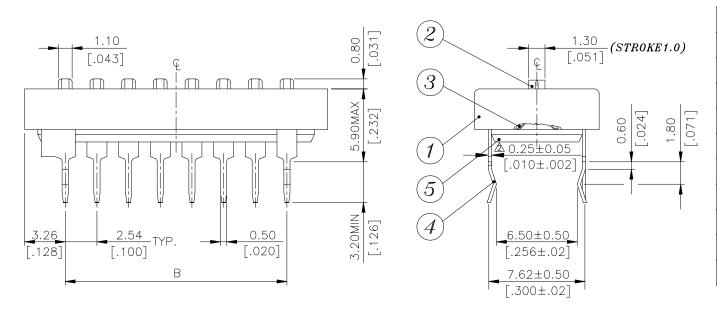
TDS SERIES



DIMENSIONS

<u>TDS</u>

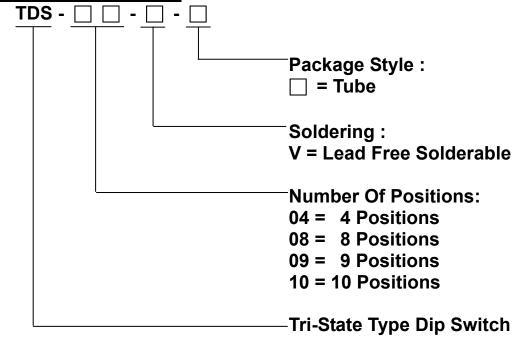




| TDS-12 | 12 | 34.46[1.357] | 27.94[1.100] |
|-----------|----------------|--------------|--------------|
| * TDS-10 | 10 | 29.38[1.157] | 22.86[.900] |
| * TDS-09 | 9 | 26.84[1.057] | 20.32[.800] |
| * TDS-08 | 8 | 24.30[.957] | 17.78[.700] |
| TDS-07 | 7 | 21.76[.857] | 15.24[.600] |
| TDS-06 | 6 | 19.22[.757] | 12.70[.500] |
| TDS-05 | 5 | 16.68[.657] | 10.16[.400] |
| *TDS-04 | 4 | 14.14[.557] | 7.62[.300] |
| TDS-03 | 3 | 11.60[.457] | 5.08[.200] |
| TDS-02 | 2 | 9.06[.357] | 2.54[.100] |
| PROD. NO. | NO. OF POS. | DIM. A | DIM. B |

**General Tolerance: ±0.2mm

HOW TO ORDER



SPECIFICATION

△MECHANICAL

Mechanical Life: 2,000 operations cycles

Operation Force: 1,000gf max.

Stroke: 1.0mm

Operation Temp: -20℃to +70℃ Storage Temp: -40℃to +85℃

△ELECTRICAL

Electrical Life: 2,000 cycles

Non-Switching Rating: 100mA, 50VDC Switching Rating: 25mA, 24VDC

Contact Resistance: (a) 50mΩ max. at initial

(b)100mΩmax. after life test

Insulation Resistance: 100MΩ min. at 500VDC

Dielectric Strength: 500VAC/1 minute

Circuit: 3 switching positions

MATERIAL

△BASE & COVER: UL940V-0 PBT High Thermoplastic

Color: Black

△ACTUATORS: UL94V-0 Nylon Thermoplastic

Color: White

△CONTACT: Alloy Copper with gold plated

△TERMINAL: Brass with tin plated

△CONTACT PLATING: Gold plating over nickel

SOLDERING PROCESS

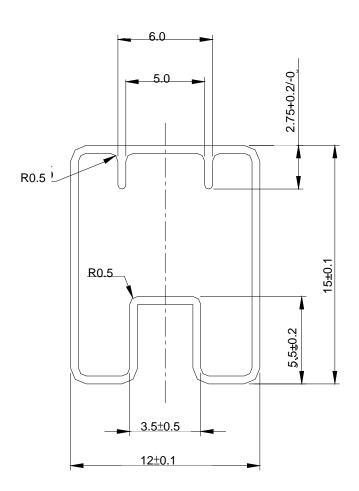
△WAVE SOLDERING: Recommended solder temperature at 500°F (260°C) max. 5seconds.

△HAND SOLDERING: Use a soldering iron of 30 watts, controlled at 350°C approximately 5 seconds while

Applying solder.

| <u>G</u> | PART NUMBER | NO.POS | QUANTITY PER TUBE | |
|----------|----------------|--------|----------------------|--|
| | TDS-04 | 04 | 33 | |
| | TDS-08 | 08 | 19 | |
| | TDS-09 | 09 | 17 | |
| | TDS-10 | 10 | 16 | |

TUBE



**General Tolerance:±0.2mm