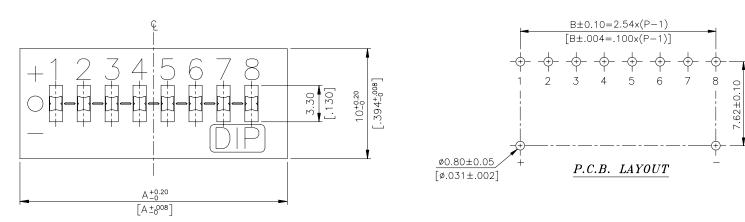
# TDS SERIES

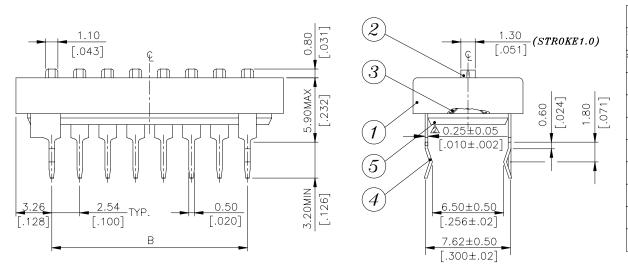




## **DIMENSIONS**

<u>TDS</u>

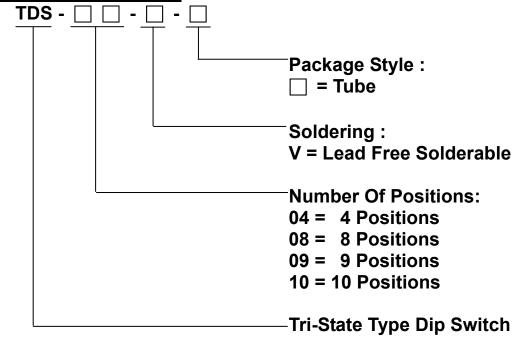




TDS-12	12	34.46[1.357]	27.94[1.100]
* TDS-10	10	29.38[1.157]	22.86[.900]
* TDS-09	9	26.84[1.057]	20.32[.800]
*TDS-08	8	24.30[.957]	17.78[.700]
TDS-07	7	21.76[.857]	15.24[.600]
TDS-06	6	19.22[.757]	12.70[.500]
TDS-05	5	16.68[.657]	10.16[.400]
*TDS-04	4	14.14[.557]	7.62[.300]
TDS-03	3	11.60[.457]	5.08[.200]
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**

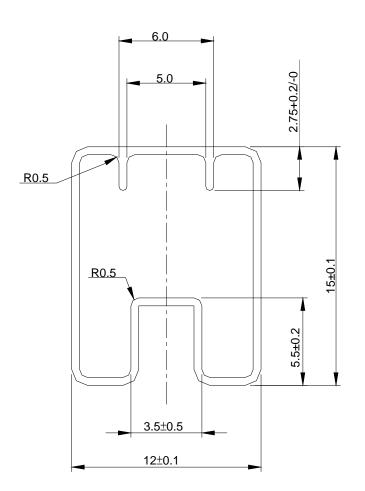
△WAVE SOLDERING: Recommended solder temperature at 500°F (260°C) max. 5seconds.

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

Applying solder.

<u>1G</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