

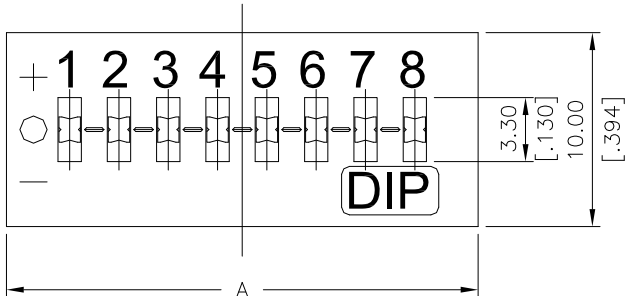


TDS SERIES

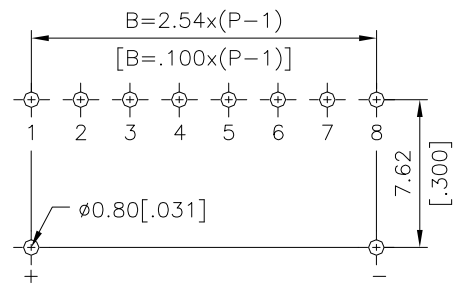
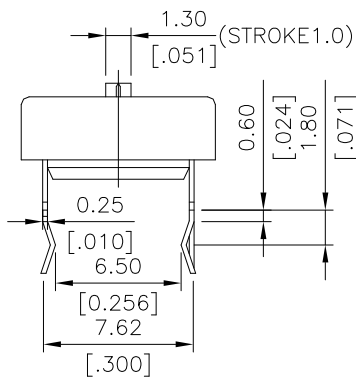
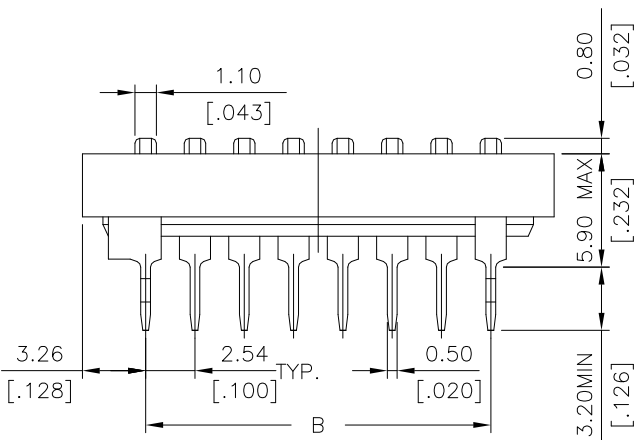


DIMENSIONS

TDS



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-04	4	14.14[.557]	7.62[.300]
PROD. NO.	NO. OF POS.	DIM. A	DIM. B



P.C.B. LAYOUT

**General Tolerance : ±0.2mm

HOW TO ORDER

TDS - □ - □ - □ - □

Package Style :

□ = Tube

Soldering :

V =RoHS & Lead Free Solderable

Number Of Positions:

08 = 8 Positions

09 = 9 Positions

10 = 10 Positions

Tri-State Type

SPECIFICATION

△MECHANICAL

Mechanical Life: 2,000 operations cycles

Operation Force: 1,000gf max.

Stroke: 1.0mm

Operation Temp: -20°C to +70°C

Storage Temp: -40°C to +85°C

△ELECTRICAL

Electrical Life: 2,000 cycles

Non-Switching Rating: 100mA, 50VDC

Switching Rating: 25mA, 24VDC

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

(b) 100mΩ max. after life test

Insulation Resistance: 100MΩ min. at 500VDC

Dielectric Strength: 500VAC/1 minute

Circuit: 3 switching positions

MATERIAL

△BASE & COVER: UL94V-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

△Keep all switch contacts in their "O" position for all operations.

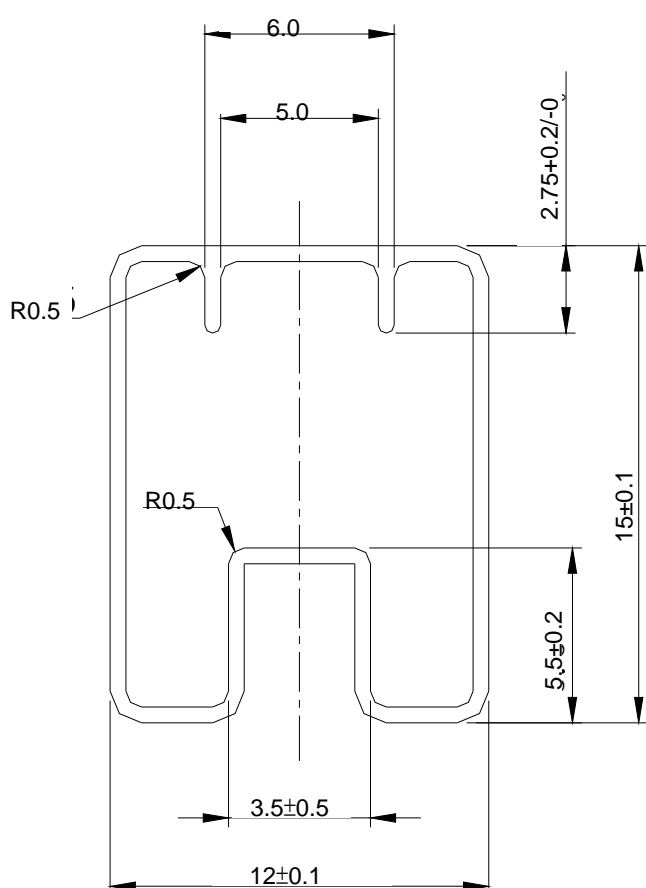
△WAVE SOLDERING: Recommended solder temperature at 500°F (260°C) max. 5seconds.

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

PACKING

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 : ± 0.2 mm