

# Sub-Miniature Toggle Switches for Printed Circuit Boards — Wave Solderable Series T8000 PCB Toggle Switches

## SPECIFICATIONS

- Mechanical life — 500,000 operations minimum
- Contact resistance — 25 milliohms maximum
- Dielectric strength — 1000 VAC rms
- Ambient temperature range — -20°C to +70°C
- Weight — 0.06 ounces (1.7 grams)
- Electrical life — 100,000 operations minimum
- Red nylon lever supplied as standard. Various colors are available. For information consult Electroswitch
- Contact material — Gold over nickel over silver over copper

## CURRENT RATINGS

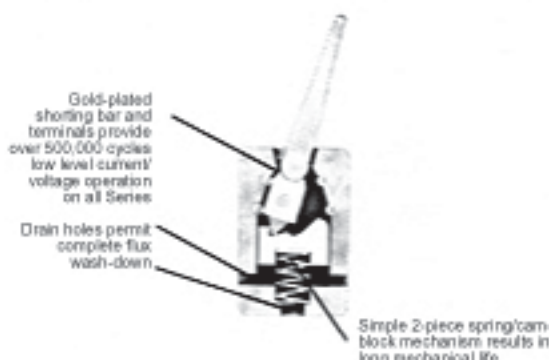
| Type               | Load      | Nominal Rating, Amperes |        |        |         |
|--------------------|-----------|-------------------------|--------|--------|---------|
|                    |           | 6V dc                   | 12V dc | 28V dc | 125V ac |
| T8101, T8201-T8207 | Resistive | 1                       | 1      | 0.5    | 0.5     |

NOTE: For special .5 VA max. rating @ 28 VAC or DC contact Electroswitch.

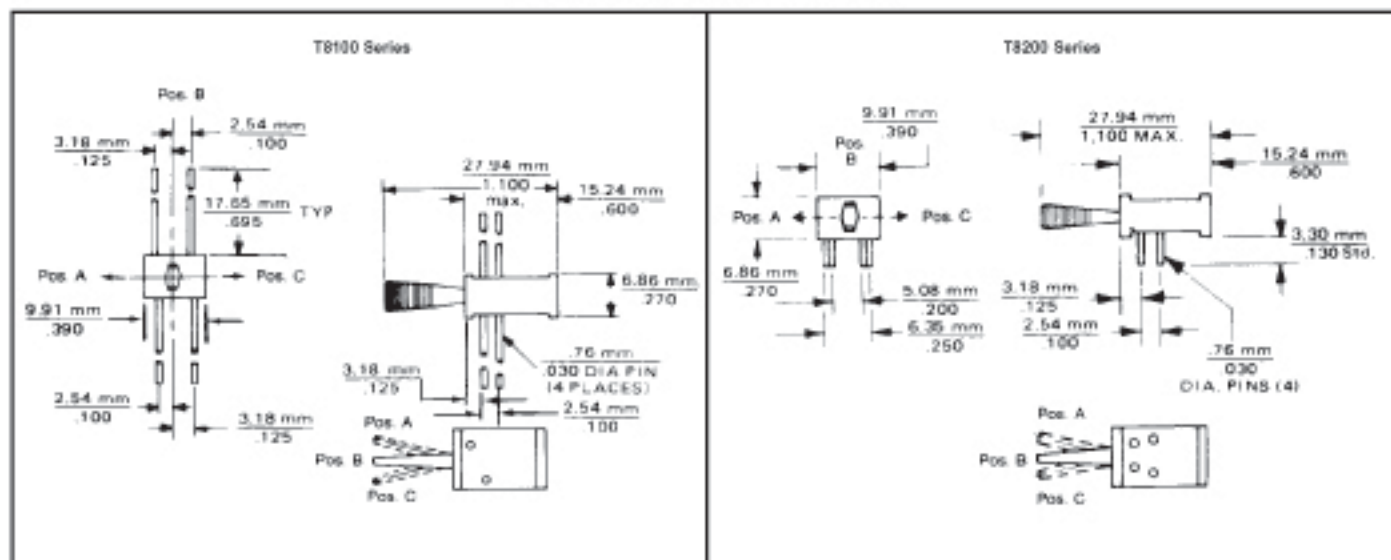
## SELECTION TABLE (Bold Face Type indicates items normally in Distributor Stock)

| Circuit With Lever In ① |            |            | Poles & Throw | No. Of Positions | Catalog Number By Terminal Length |                  |
|-------------------------|------------|------------|---------------|------------------|-----------------------------------|------------------|
| Position A              | Position B | Position C |               |                  | Dis-continued                     | 0.130" (3.30 mm) |
| ON                      | NONE       | ON         | 2 Circ.       | 2                |                                   | T8201            |
| ON                      | NONE       | ON*        |               | 2                |                                   | T8202            |
| ON*                     | NONE       | ON         |               | 2                |                                   | T8203            |
| ON                      | OFF        | ON*        |               | 3                |                                   | T8204            |
| ON*                     | OFF        | ON         |               | 3                |                                   | T8205            |
| ON                      | OFF        | ON         |               | 3                |                                   | T8206            |
| ON*                     | OFF        | ON*        |               | 3                |                                   | T8207            |
|                         |            |            |               |                  |                                   |                  |

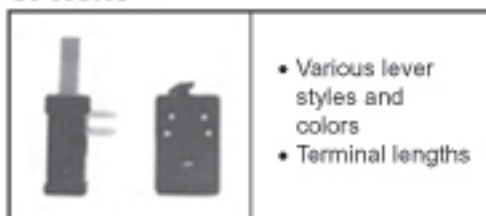
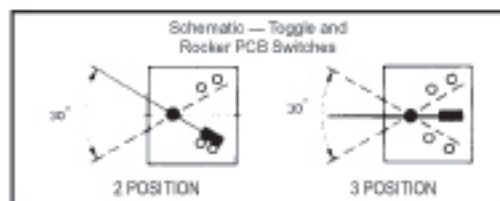
\* Momentary Contact



## APPROXIMATE DIMENSIONS

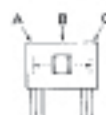


## OPTIONS ②



- Various lever styles and colors
- Terminal lengths

PADLE OR ROCKER POSITION ①



SWITCH VIEWED FROM TOGGLE END

② For information on optional features consult Electroswitch.

**CAUTION — MANUAL SWITCHES ARE AFFECTED BY HEAT, CLEANING SOLVENTS AND FLUX. EXTREME CARE SHOULD BE EXERCISED DURING HAND SOLDERING AND WAVE SOLDERING TO PREVENT SWITCH CONTAMINATION.**