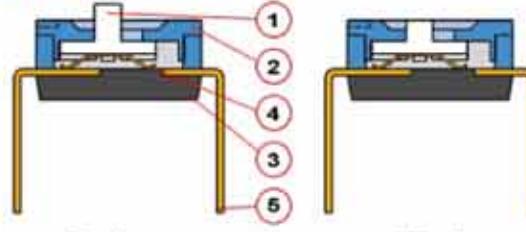
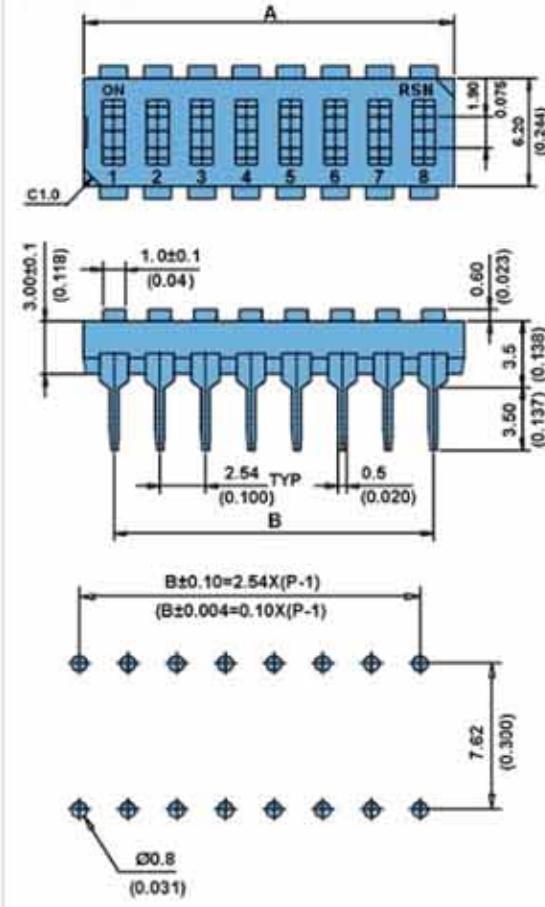
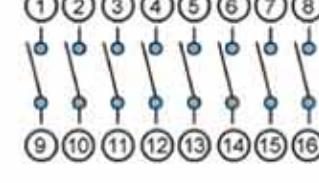


**RI & RIR CONSTRUCTION**

- RI series**                    **RIR series**
1. RI series (raised actuator) and RIR series (recessed actuator) available for different purposes.
  2. Splay terminals allow for automatic insertion by IC insertion machine.
  3. Straight terminals are available for manual insertion.
  4. Low contact resistance, and self-clean on contact area.
  5. Gold plated electrical contact and terminal plating by gold gives excellent results when soldering.
  6. All materials are UL94V-0 grade fire retardant plastics.

**P.C.B. LAYOUT****CIRCUIT DIAGRAM****TERMINAL TYPE****SPECIFICATION****ELECTRICAL**

Electrical life: 2000 operation cycles per switch 24VDC, 25mA.

Non-Switching Rating: 100mA, 50 VDC

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

Capacitance: 5pF max.

Circuit: Single pole single throw

**MECHANICAL**

Mechanical life: 2000 operations per cycle switch

Operation Force: 600gf max.

Stroke: 0.9mm

Operation Temp: -25° C to +70° C

Storage Temp: -40° C to +85° C

Vibration Test: MIL-STD-202F METHOD 201A

Frequency: 10-55-10Hz/1 min

Directions: X, Y, Z, three mutually perpendicular directions.

Time: 2 hours each direction.

High reliability.

Shock Test: MIL-STD-202F METHOD 213B

CONDITION A

GRAVITY: 50G (peak value), 11 msec.

Direction and times: 6 sides and three times in each direction. High reliability.

**SOLDERING AND CLEANING PROCESSES**

For best results, please follow these recommendations: Keep all switch contacts in their "OFF" 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 608 F (320° C) approximately 2 seconds while applying solder.

**CLEANING PROCESS:** Flux clean using force rinse, high agitation or triple bath cleaning method.

Freon TF or TE give excellent results.

When vapor methods are used, do not subject the switch to solvents at temperatures above 125 F (51° C).

			-			G -		-	
Seal:									
<input type="checkbox"/> Regular									
<input checked="" type="checkbox"/> Top Tape Sealed									
Terminal Type									
<input type="checkbox"/> Splay Terminal									
<input checked="" type="checkbox"/> Straight Terminal									
Number of positions:									
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Actuator Type:									
<input type="checkbox"/> Raised Actuator									
<input checked="" type="checkbox"/> Recessed Actuator (Top Tape Sealed Available Only)									

**R** **I** =Machine Insertable Type Dip Switch

**Example:** RI-08G-S is a Machine Insertable Type Dip Switch, Raised Actuator 8 position, splay terminal.

**PACKING** All DIP switches are shipped in standard IC tubes with all poles in "OFF" position.