



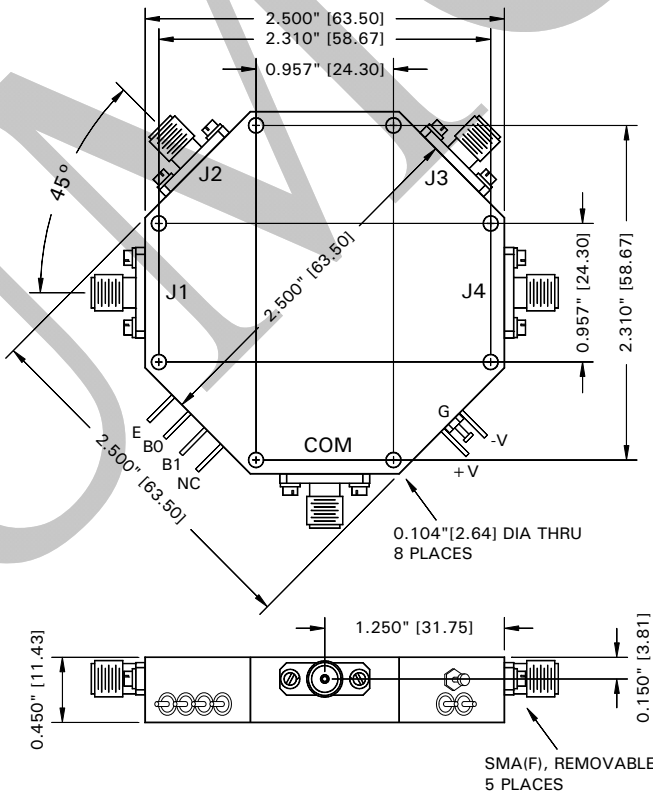
**Model: SW-3350-4S**

Description:..... SP4T, Reflective, High Power Pin-Switch  
 Operating Frequency:..... 2.85 – 3.85 GHz  
 Insertion Loss: ..... 1.2 dB Max  
 Isolation: ..... 70 dB Min  
 VSWR (“ON” Paths): ..... 1.5:1 Max  
 Rise/Fall time (10% to 90% RF, 90% to 10% RF):... 500 ns Max  
 On/Off time (50% TTL to 90% RF, 50%TTL to 10% RF):..... 750 ns Max  
 Power Handling (Matched loads/All Ports):..... CW/AVG:..... 30W Max / Hot Switching  
 ..... Peak ..... 250W Peak, 1µs PW Max  
 Control Input Characteristics: ..... Std. TTL / Unit-Load / Floating-Low  
 Control Logic:..... 2-BCD Controls (B1B0) + Enable (E0)  
 ..... (“00”=COM-J1 <> “01”=COM-J2 <> “10”=COM-J3 <> “11”=COM-J4)  
 Power Supplies:..... +5(±0.25) V @ 450mA Max  
 ..... -15(±0.5) V @ 125mA Max  
 Connectors (RF):..... SMA (F), Removable  
 Connectors (Supplies & Controls) ..... Solder Pins  
 Impedance: ..... 50 Ohms Nominal  
 Quality:..... Best-Commercial-Grade

**Environmental Ratings:**

Temperature:..... {Operating: -55°C to +95°C} & {Storage: -60°C to +110°C}  
 Humidity: ..... MIL-STD-202F, Method 103B, Cond. B (96 hours at 95% R.H.)  
 Shock: ..... MIL-STD-202F, Method 213B, Cond. B (75G, 6mSec)  
 Vibration: ..... MIL-STD-202F, Method 204D, Cond. B (.06" double amplitude, or 15G)  
 Altitude: ..... MIL-STD-202F, Method 105C, Cond. B (50,000 Feet)  
 Temp. Shock: ..... MIL-STD-202F, Method 107D, Cond. A (5 cycles)

**Outline**



Weight	Tolerances
	±0.015" [ ±0.38mm ]