



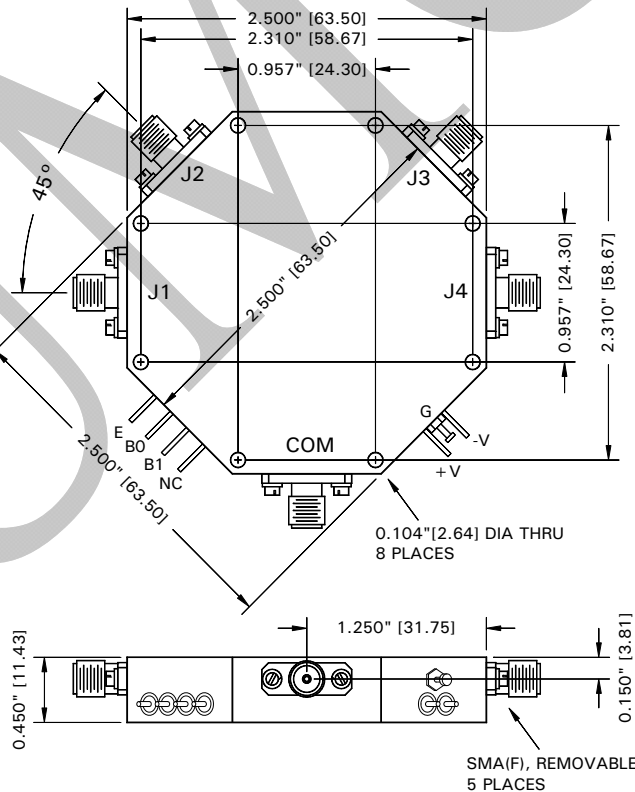
Model: SW-5300-4S

Description:..... SP4T, Reflective, High Power Pin-Switch
 Operating Frequency:..... 4.6 – 6 GHz
 Insertion Loss: 1.7 dB Max
 Isolation: 60 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: 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]