



Model: SR-U20H-4S

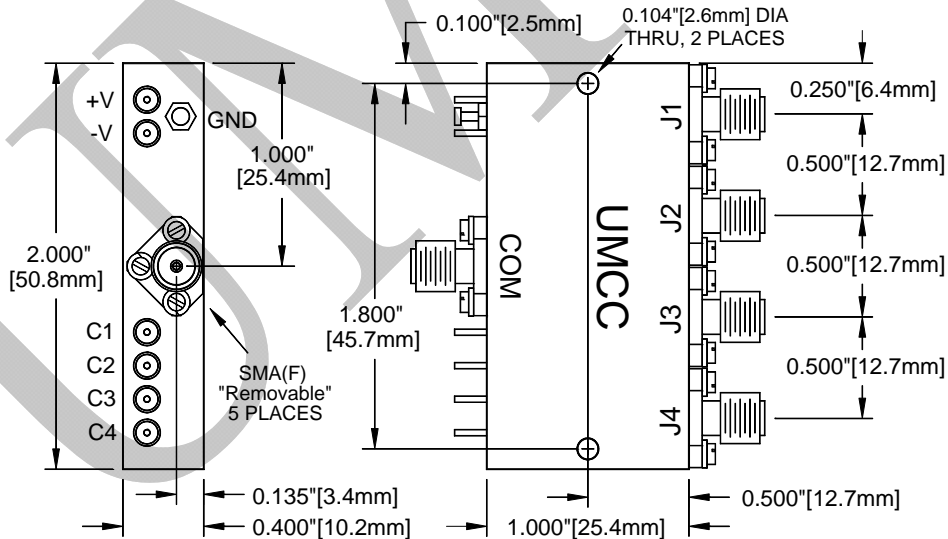
Description:..... SP4T, Reflective, PIN-Switch
 Operating Frequency:..... 0.5 – 18 GHz
 Insertion Loss: 3.0 dB Max
 Isolation: 50 dB Min
 VSWR (“ON” paths):..... 2:1 Max
 Rise/Fall time (10% to 90% RF, 90% to 10% RF):... 35 ns Max
 On/Off time (50% TTL to 90% RF, 50%TTL to 10% RF):..... 75 ns Max
 Operating Power:..... CW&AVG..... +33dBm Max
 Peak: 25W @ 1µS PW & 8% Duty-Cycle Max
 { Note: *Square Wave* repetition rate should not be shorter than 200ns }

Control Input Characteristics: TTL / Unit-Load / Floating-High
 Control Logic:..... 4-Controls, Logic “0” = RF Path “ON”
 Power Supplies:..... +5(±0.25)V @ 110mA Max
 -12(±0.5)V @ 90mA 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
1.3 oz [36.9 g]	±0.015" [±0.38mm]