



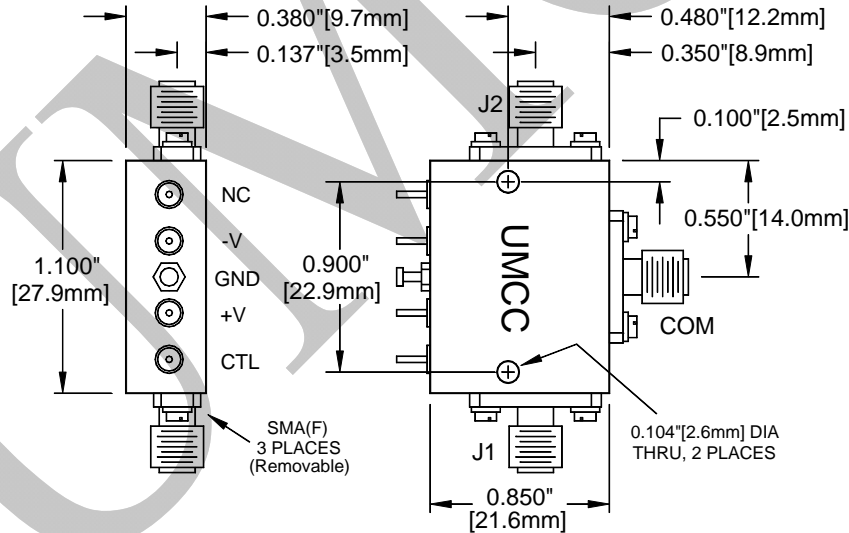
Model: SW-DA1H-2S-F2

Description:..... SP2T, Pin-Diode-Switch, Absorptive, With TTL Driver
 Frequency:..... 200 – 4000 MHz
 Insertion Loss: 1.2 dB Max
 Isolation (Arm-to-Arm): 60 dB Min
 Rise/Fall time (10% to 90% RF, 90% to 10% RF):..... 75 ns Max
 On/Off time (50% TTL to 90% RF, 50%TTL to 10% RF): 150 ns Max
 VSWR (“ON” RF Paths):..... 1.25:1 Max
 Operating Power:..... CW/AVG: +33dBm (2W) Max
 Control Input Characteristics: Std. TTL / Unit-Load / Floating-High
 Control Logic:..... 1-Control (Logic “1” = “J1” path “ON”)
 Power Supplies:..... +5(±0.25)V @ 60mA Max
 -12(±0.5)V @ 70mA Max
 Supply & Control Connectors: Solder Pins
 RF Connectors: SMA (f), Removable
 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
0.7 oz [19.8 g]	±0.015" [±0.38mm]