



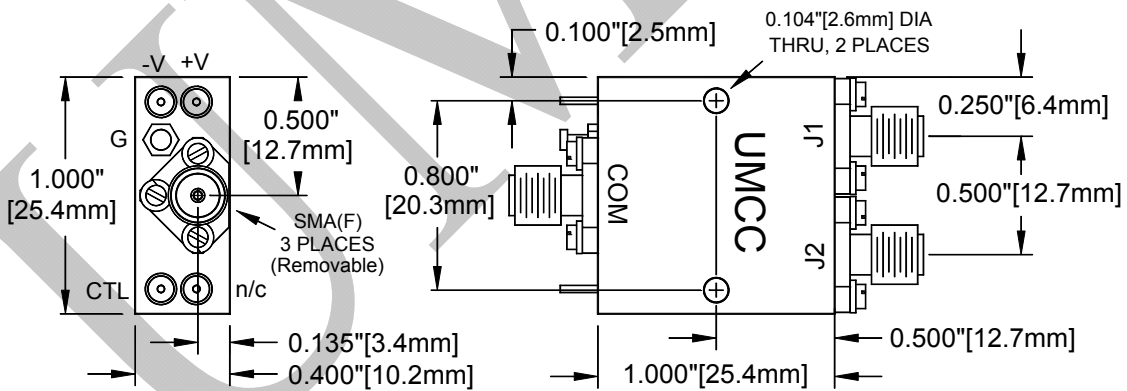
Model: SR-P20H-2S-F2

Description:	SP2T, Reflective, PIN-Switch
Operating Frequency:	2 - 20 GHz
Insertion Loss:	2.5 dB Max
Isolation (Arm-to-Arm):	50 dB Min
VSWR (Path "ON"):	1.8:1 Max
Phase Balance (Deviation from Median):	±5° max
Rise/Fall Time (10% to 90% RF, 90% to 10% RF):	20 ns Max
On/Off Time (50% TTL to 90% RF, 50%TTL to 10% RF):	70 ns Max
Square Pulse Repetition Rate*:	4MHz Max (or Period ≥ 250ns)
(* faster repetition rate will cause high current draw and may damage the switch driver permanently)	
Operating Power:	CW/AVG +33dbm Max
	Peak 25W @ 1µs-PW & 8% Duty-Cycle Max
Control Input Characteristics:	Std. TTL / Unit-Load / Floating-High
Control Logic (Single-Control):	Logic "1"..... COM-J1 Path "ON"
	Logic "0"..... COM-J2 Path "ON"
Power Supplies:	+5(±0.25) V @ 70mA Max
	-12(±0.5) V @ 70mA 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
0.7 oz [19.8 g]	±0.015" [±0.38mm]