



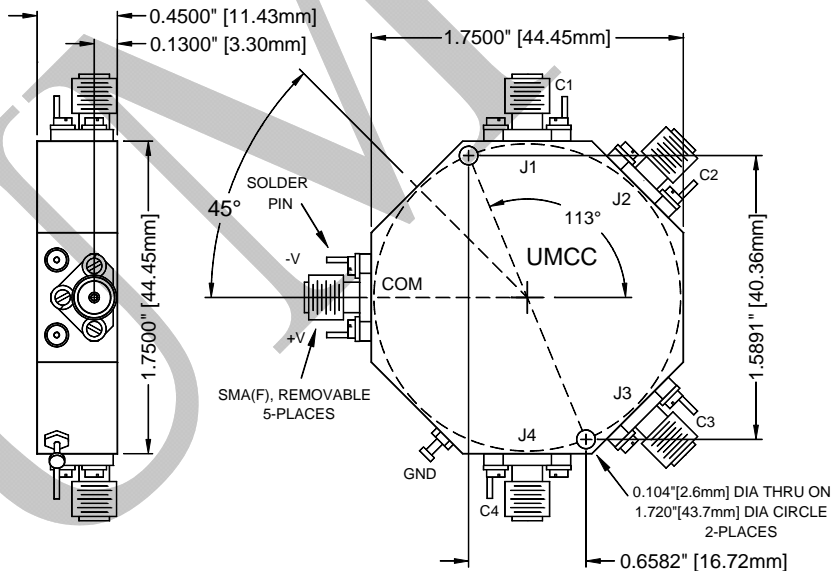
Model: SW-U07H-4S

Description:	SP4T, Absorptive, PIN-Switch
Operating Frequency:	0.5 – 18 GHz
Insertion Loss:	3.8dB Max
Isolation (Port-to-Port):	80dB Min
VSWR (“ON” Path & “OFF” Ports):	1.8:1 Max
Phase Balance (Deviation from Median):	±5° max
Rise/Fall time (10% to 90% RF, 90% to 10% RF):	150 ns Max
On/Off time (50% TTL to 90% RF, 50%TTL to 10% RF):	250 ns Max
Operating Power (“ON” path):	CW&AVG. +33dBm (2W) Max
Operating Power (“OFF” ports):	CW&AVG. +27dBm (1/2W) Max
Control Input Characteristics:	TTL /Unit-Load / Floating-High
Control Logic:	4-Controls, Logic “0” = RF Path “ON”
Power Supplies:	+5(±0.25)V @ 150mA Max -12(±0.5)V @ 250mA 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]