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ISSUE 15-03-18

SERIE : SPnT

PART NUMBER : R574811601

RF CHARACTERISTICS

Number of ways : 6
Frequency range : 0 - 40 GHz
Impedance : 50 Ohms

Frequency (GHz)	DC - 6	6 - 12.4	12.4 - 18	18 - 26.5	26.5 - 40
VSWR max	1.20	1.35	1.45	1.70	1.90
Insertion loss max (dB)	0.3 + 0.015 x frequency (GHz)				
Isolation min	100 dB	90 dB	80 dB	70 dB	60 dB
Average power (*)	40 W	30 W	25 W	15 W	5 W

TERMINATION IMPEDANCE : 50 Ohms
TERM. AVG. POWER AT 25° C : 1 W per termination / 3 W total power

ELECTRICAL CHARACTERISTICS

Actuator : NORMALLY OPEN
Nominal current ** : 420 mA
Actuator voltage (Vcc) : 5V / NEGATIVE COMMON
Terminals : Mini-USB socket (with 1 meter USB cable)

MECHANICAL CHARACTERISTICS

Connectors : SMA 2.9 female per MIL-C 39012
Life : 2 million cycles per position
Switching Time*** : < 15 ms
Construction : Splashproof
Weight : < 250 g

ENVIRONMENTAL CHARACTERISTICS

Operating temperature range : -25°C to +75°C
Storage temperature range : -55°C to +85°C

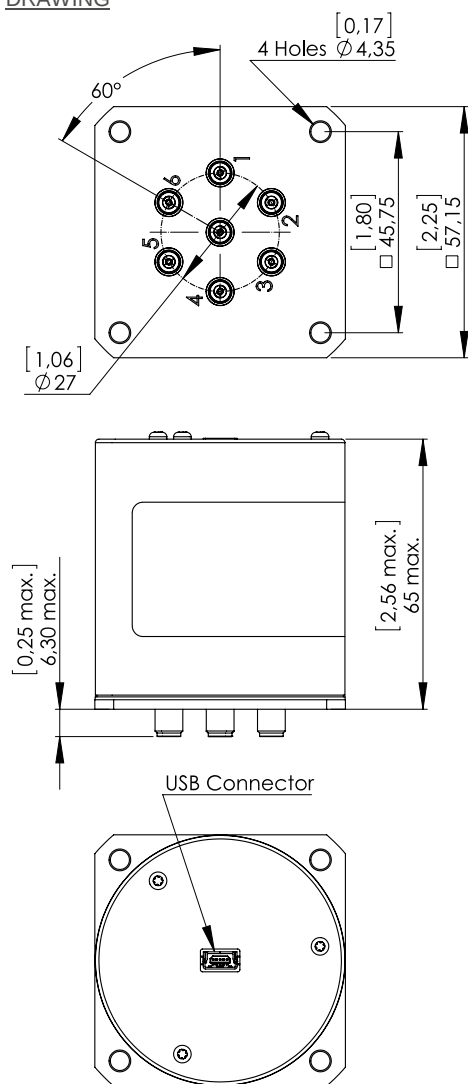
SYSTEM REQUIREMENTS

Compatible with Windows® 7 up to 10 operating systems using 32 and 64 bit architecture

(* Average power at 25°C per RF Path)
(** At 25° C ±10%)
(***) Nominal voltage ; 25° C)



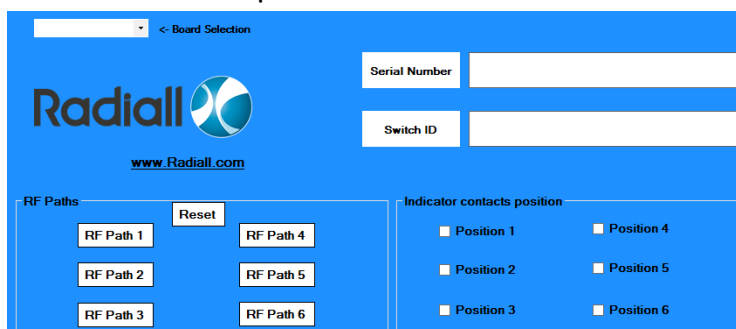
DRAWING



General tolerances : ± 0.5 mm [0.02 in]

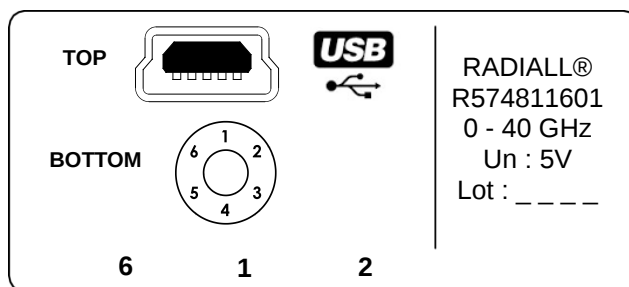


Graphical User Interface

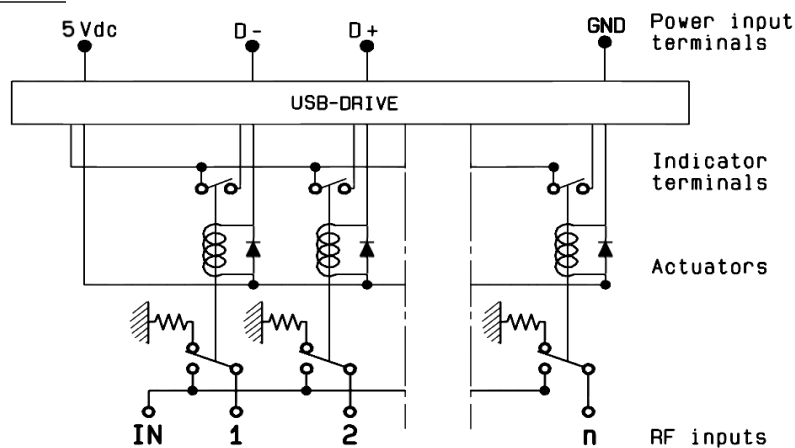


Apart from using the provided GUI interface USB switch can be also controlled via other commonly used software programming platforms such as Visual Basic, C#, C++, LabVIEW™ and VEE.

LABEL



SCHEMATIC DIAGRAM



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