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ISSUE **15-03-18**

SERIE : **SPnT**

PART NUMBER : **R574F11801**

RF CHARACTERISTICS

Number of ways : **8**
 Frequency range : **0 - 26.5 GHz**
 Impedance : **50 Ohms**

Frequency (GHz)	DC - 3	3 - 8	8 - 12.4	12.4 - 16	16 - 18	18 - 22	22 - 26.5
VSWR max	1.20	1.30	1.40	1.50	1.60	1.70	2.00
Insertion loss max	0.20 dB	0.30 dB	0.40 dB	0.55 dB	0.60 dB	0.70 dB	1.10 dB
Isolation min	80 dB	70 dB	60 dB	60 dB	60 dB	60 dB	55 dB
Average power (*)	240 W	150 W	120 W	110 W	100 W	90 W	40 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 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)



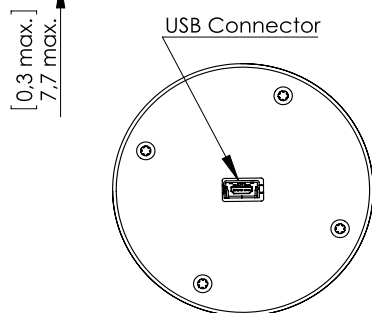
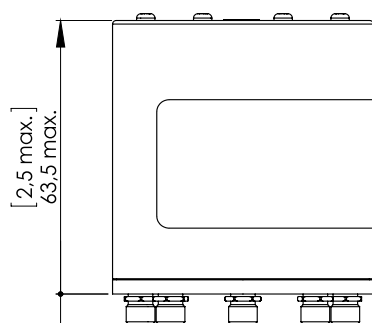
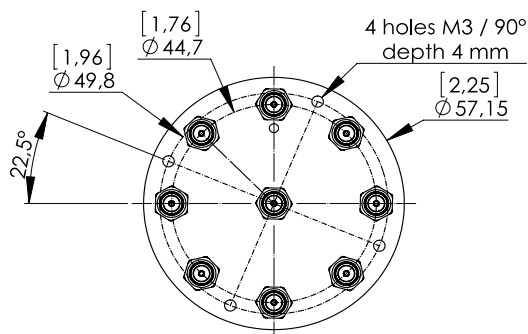
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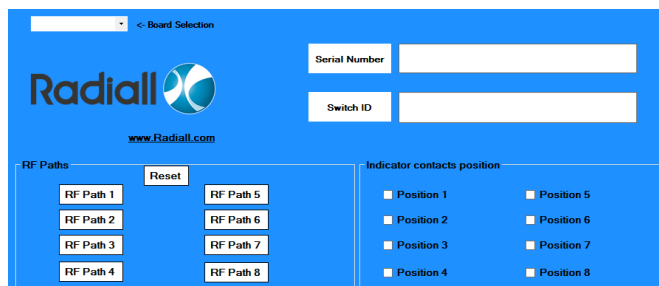
DRAWING



General tolerances : ±0.5 mm [0.02 in]

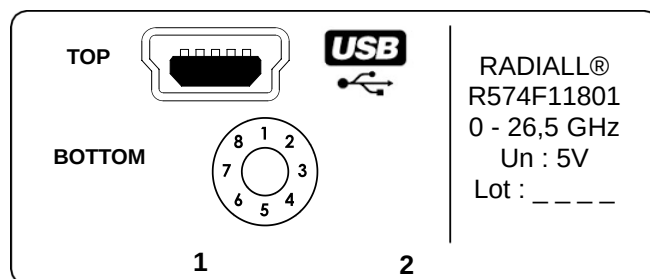


Graphical User Interface

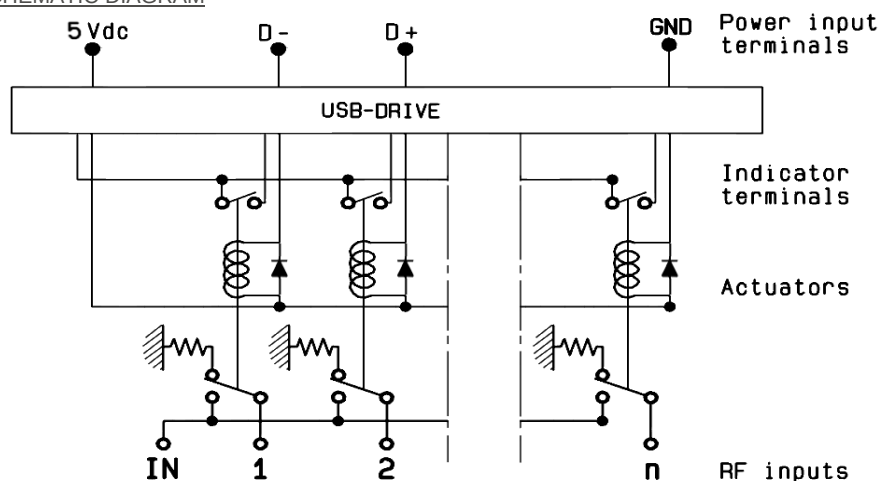


Apart from using the provided GUI interface USB switch can be also controlled via other commonly used software programming platforms such as Visual Basic, C#, C++, LabVIEW™ and VEE.

LABEL



SCHEMATIC DIAGRAM



Mouser Electronics

Authorized Distributor

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