Technical Data Sheet



SP6T Terminated Ramses SMA 18GHz Normally open 28Vdc D-sub connector

PAGE 1/2 ISSUE 22-03-22 SERIE: SPnT PART NUMBER: R574403605

RF CHARACTERISTICS

Number of ways : 6

Frequency range : 0 - 18 GHz Impedance : 50 Ohms

Frequency (GHz)	DC - 3	3 - 8	8 - 12.4	12.4 - 18
VSWR max	1,20	1,30	1,40	1,50
Insertion loss max	0.20 dB	0.30 dB	0.40 dB	0.50 dB
Isolation min	80 dB	70 dB	60 dB	60 dB
Average power (*)	240 W	150 W	120 W	100 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 ** : 102 mA

Actuator voltage (Vcc) : 28V (24 to 30V) / NEGATIVE COMMON
Terminals : 25 pins D-SUB male connector

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 : -40°C to +85°C Storage temperature range : -55°C to +85°C

(* Average power at 25°C per RF Path)

(** At 25° C ±10%)

(*** Nominal voltage; 25° C)



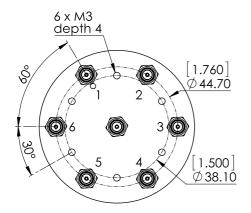
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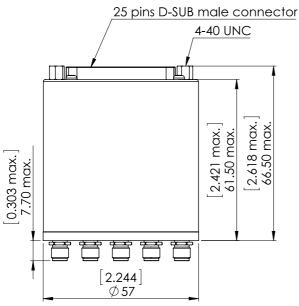
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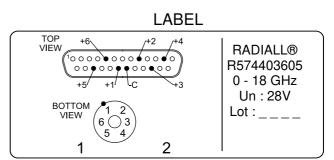
PAGE 2/2 ISSUE 22-03-22 SERIE : SPnT PART NUMBER : R574403605

DRAWING



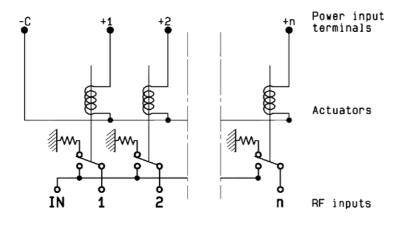
Voltage	RF Continuity	
-C +1	$IN \leftrightarrow 1$	
-C +2	$IN \leftrightarrow 2$	
-C +3	IN ↔ 3	
-C +4	$IN \leftrightarrow 4$	
-C +5	$IN \leftrightarrow 5$	
-C +6	$IN \leftrightarrow 6$	





General tolerances : ± 0.5 mm [0.02 in]

SCHEMATIC DIAGRAM



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