Technical Data Sheet



SP6T Ramses SMA 18GHz Latching Self-cut-off Auto-reset 12Vdc

Diodes D-sub connector

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RF CHARACTERISTICS

Number of ways

Frequency range : 0 - 18 GHz : 50 Ohms Impedance

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

ELECTRICAL CHARACTERISTICS

: LATCHING Actuator Nominal current ** : 960 mA

Actuator voltage (Vcc) : 12V (10.2 to 13V) / NEGATIVE COMMON

Terminals : 25 pins D-SUB male connector

Self cut-off time : 40 ms < CT < 120 ms

MECHANICAL CHARACTERISTICS

Connectors : SMA female per MIL-C 39012 Life : 5 million cycles per position

Switching Time*** : < 40 ms Construction : Splashproof Weight : < 220 g

ENVIRONMENTAL CHARACTERISTICS

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

Average power at 25°C per RF Path)

At 25° C ±10%)

Nominal voltage; 25° C)





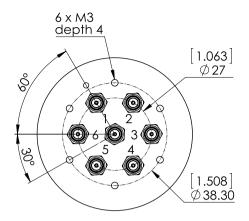
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DRAWING

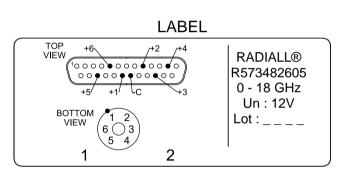
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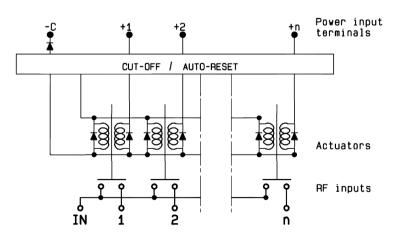
SERIE: SPnT

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



General tolerances : ±0,5 mm [0,02 in]

SCHEMATIC DIAGRAM



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