Technical Data Sheet



SP8T Ramses SMA 22GHz Normaly open 12Vdc Solder pins

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RF CHARACTERISTICS

Number of ways : 8

Frequency range : 0 - 22 GHz Impedance : 50 Ohms

Frequency (GHz)	DC - 3	3 - 8	8 - 12.4	12.4 - 16	16 - 18	18 - 22
VSWR max	1,20	1,30	1,40	1,50	1,60	1,70
Insertion loss max	0.20 dB	0.30 dB	0.40 dB	0.55 dB	0.60 dB	0.70 dB
Isolation min	80 dB	70 dB	60 dB	60 dB	60 dB	60 dB
Average power (*)	240 W	150 W	120 W	110 W	100 W	90 W

ELECTRICAL CHARACTERISTICS

Actuator : NORMALLY OPEN

Nominal current ** : 250 mA

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

Terminals : solder pins (250°C max. / 30 sec.)

MECHANICAL CHARACTERISTICS

Connectors : SMA female per MIL-C 39012 Life : 2.000.000 cycles per position

Switching Time*** : <15 ms

Construction : Splashproof

Weight : < 280 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)



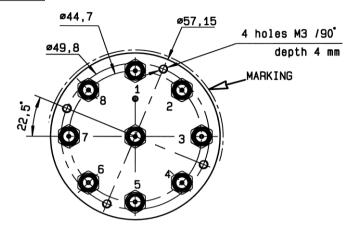
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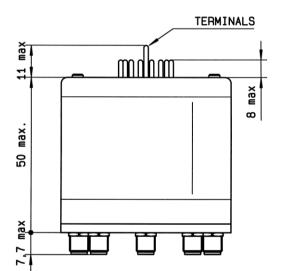
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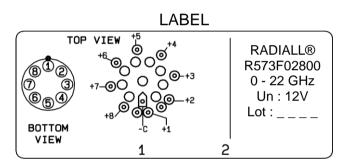
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DRAWING



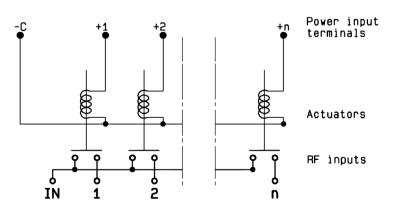
Voltage	RF Continuity		
-C +1	$IN \leftrightarrow 1$		
-C +2	$IN \leftrightarrow 2$		
-C +3	$IN \leftrightarrow 3$		
-C +4	$IN \leftrightarrow 4$		
-C +5	$IN \leftrightarrow 5$		
-C +6	IN ↔ 6		
-C +7	$IN \leftrightarrow 7$		
-C +8	$IN \leftrightarrow 8$		





General tolerances: ±0.5 mm

SCHEMATIC DIAGRAM



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