



SP8T Ramses SMA 18GHz Latching Self-cut-off Auto-reset 12Vdc
Diodes Pins Terminals

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RF CHARACTERISTICS

Number of ways : 8

Frequency range : 0 - 18 GHz Impedance : 50 Ohms

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

ELECTRICAL CHARACTERISTICS

Actuator : LATCHING
Nominal current ** : 960 mA

Actuator voltage (Vcc) : 12V (10.2 to 13V) / NEGATIVE COMMON Terminals : solder pins (250°C max. / 30 sec.)

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

MECHANICAL CHARACTERISTICS

Connectors : SMA female per MIL-C 39012 Life : 2 million cycles per position

Switching Time*** : < 50 msConstruction : 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)





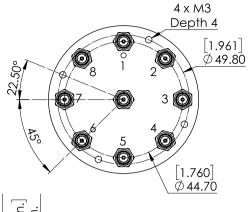


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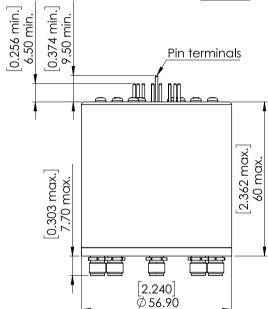
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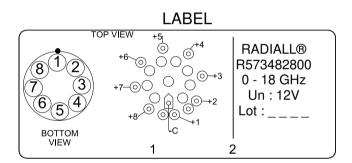
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DRAWING



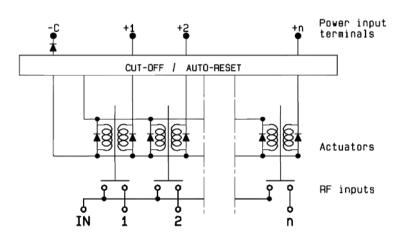
RF Continuity		
IN ↔ 1		
$IN \leftrightarrow 2$		
$IN \leftrightarrow 3$		
IN ↔ 4		
$IN \leftrightarrow 5$		
IN ↔ 6		
IN ↔ 7		
IN ↔ 8		







SCHEMATIC DIAGRAM



General tolerances: ±0,5 mm [0,02 in]

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