Technical Data Sheet



SPDT Ramses SMA 26.5GHz Failsafe 12Vdc Pins Terminals

PAGE 1/2 | ISSUE 12-09-22 | SERIE : SPDT | PART NUMBER : R570F12000

RF CHARACTERISTICS

Frequency range : 0 - 26.5 GHz Impedance : 50 Ohms

| Frequency (GHz) | DC - 3 | 3 - 8 | 8 - 12.4 | 12.4 - 18 | 18 - 26.5 |
|--------------------|---------|---------|----------|-----------|-----------|
| VSWR max | 1.10 | 1.20 | 1.20 | 1.40 | 1.50 |
| Insertion loss max | 0.15 dB | 0.20 dB | 0.25 dB | 0.35 dB | 0.50 dB |
| Isolation min | 80 dB | 75 dB | 65 dB | 60 dB | 55 dB |
| Average power (*) | 240 W | 150 W | 120 W | 100 W | 40 W |

ELECTRICAL CHARACTERISTICS

Actuator : FAILSAFE
Nominal current ** : 250 mA

Actuator voltage (Vcc) : 12V (10.2 to 13V)

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

MECHANICAL CHARACTERISTICS

Connectors : SMA female per MIL-C 39012

Life : 10 million cycles

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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