Technical Data Sheet



SPDT Ramses TNC 18GHz Failsafe 28Vdc Diodes Pins Terminals

PAGE 1/2 ISSUE 22-03-22 SERIE : SPDT PART NUMBER : R570D13030

RF CHARACTERISTICS

Frequency range : 0 - 18 GHz Impedance : 50 Ohms

| Frequency (GHz) | DC - 6 | 6 - 12.4 | 12.4 - 18 |
|--------------------|---------|----------|-----------|
| VSWR max | 1.30 | 1.50 | 1.60 |
| Insertion loss max | 0.30 dB | 0.50 dB | 0.70 dB |
| Isolation min | 70 dB | 60 dB | 60 dB |
| Average power (*) | 285 W | 200 W | 165 W |

ELECTRICAL CHARACTERISTICS

Actuator : FAILSAFE
Nominal current ** : 140 mA

Actuator voltage (Vcc) : 28V (24 to 30V)

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

MECHANICAL CHARACTERISTICS

Connectors : TNC female per MIL-C 39012

Life : 2.5 million cycles

Switching Time*** : <15 ms

Construction : Splashproof

Weight : <185 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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