Technical Data Sheet



SPDT Ramses N 3GHz Failsafe 28Vdc Diodes Pins Terminals

PAGE 1/2 ISSUE 06-02-18 SERIE : SPDT PART NUMBER : R570013030

RF CHARACTERISTICS

Frequency range : 0 - 3 GHz Impedance : 50 Ohms

Frequency (GHz)	DC - 1	1 - 2	2 - 3
VSWR max	1.15	1.20	1.25
Insertion loss max	0.15 dB	0.20 dB	0.25 dB
Isolation min	85 dB	80 dB	75 dB
Average power (*)	700 W	500 W	400 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 : N 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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PAGE **2/2** ISSUE 06-02-18 SERIE: SPDT PART NUMBER: **R570013030 DRAWING** [2.539] 64.50 [0.205] 2 x Ø 5.20 [0.138 min.] 3.50 min. [1.890 max.] 48 max. [0.181] 2 x Ø 4.60 [0.728 max.] 18.50 max. [0.380] 9.65 [0.882] 22.40 [0.880] | [0.880] [2.374] 60.30 [2.638] LABEL **RADIALL®** R570013030 0 - 3 GHz / Un: 28V Lot : _ _ _ _ NO NC General tolerances: ±0,5 mm [0,02 in] SCHEMATIC DIAGRAM Position Energized: NC O-O Actuator RF Continuity Voltage De-energized $\mathsf{C} \leftrightarrow \mathsf{NC}$ $C \leftrightarrow NO$ energized NO O RF input Power input terminals

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