Technical Data Sheet



SPDT Ramses N 12.4GHz Latching 28Vdc Positive common Diodes Pins Terminals

PAGE 1/2 ISSUE 06-02-18 SERIE : SPDT PART NUMBER : R570133040

RF CHARACTERISTICS

Frequency range : 0 - 12.4 GHz Impedance : 50 Ohms

Frequency (GHz)	DC - 1	1 - 2	2 - 3	3 - 8	8 - 12.4
VSWR max	1.15	1.20	1.25	1.35	1.50
Insertion loss max	0.15 dB	0.20 dB	0.25 dB	0.35 dB	0.50 dB
Isolation min	85 dB	80 dB	75 dB	70 dB	60 dB
Average power (*)	700 W	500 W	400 W	250 W	200 W

ELECTRICAL CHARACTERISTICS

Actuator : LATCHING
Nominal current ** : 125 mA

Actuator voltage (Vcc) : 28V (24 to 30V) / POSITIVE COMMON 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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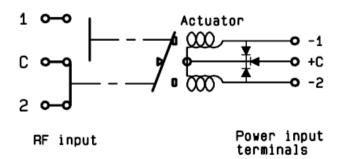


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PAGE **2/2** ISSUE 06-02-18 SERIE: SPDT PART NUMBER: **R570133040 DRAWING** [2.539] 64.50 [0.205] 2 x Ø 5.20 [0.138 min.] 3.50 min. [1.890 max.] 48 max. [0.728 max.] 18.50 max. [0.181] 2 x Ø 4.60 [0.138] 3.50 [0.380] 9.65 [0.882] 22.40 [0.880] | [0.880] [2.374] 60.30 [2.638] LABEL **RADIALL®** R570133040 0 - 12.4 GHz / Un : 28V Lot : _ _ _ _ 2 1

General tolerances: ±0,5 mm [0,02 in]

SCHEMATIC DIAGRAM



Voltage	RF Continuity		
+C -1	$C \leftrightarrow 1$		
+C -2	$C \leftrightarrow 2$		