Technical Data Sheet



SP12T Terminated Ramses SMA 18GHz Latching Self-cut-off Auto-reset 28Vdc BCD TTL Drive Diodes D-sub connector

PAGE 1/2 ISSUE 17.12.14 SERIE : SPnT PART NUMBER : R574F83285

RF CHARACTERISTICS

Number of ways : 12

Frequency range : 0 - 18 GHz Impedance : 50 Ohms

Frequency (GHz)	DC - 3	3 - 8	8 - 12.4	12.4 - 15	15 - 18
VSWR max	1.20	1.40	1.60	1.70	1.80
Insertion loss max	0.20 dB	0.40 dB	0.60 dB	0.70 dB	0.80 dB
Isolation min	80 dB	70 dB	60 dB	60 dB	50 dB
Average power (*)	240 W	150 W	120 W	110 W	100 W

TERMINATION IMPEDANCE : 50 Ohms

TERM. AVG. POWER AT 25° C : 1 W per termination / 3 W total power

ELECTRICAL CHARACTERISTICS

Actuator : LATCHING
Nominal current ** : 500 mA

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

Terminals : 44 pins D-SUB male connector

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

BCD inputs (E) - High level : 3.5 to 5.5 V / 800 μ A at 5.5 V

- Low level : 0 to 1.5 V / 20µA at 0.8 V

MECHANICAL CHARACTERISTICS

Connectors : SMA female per MIL-C 39012 Life : 2.000.000 cycles per position

Switching Time*** : < 50 ms

Construction : Splashproof
Weight : < 400 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%)

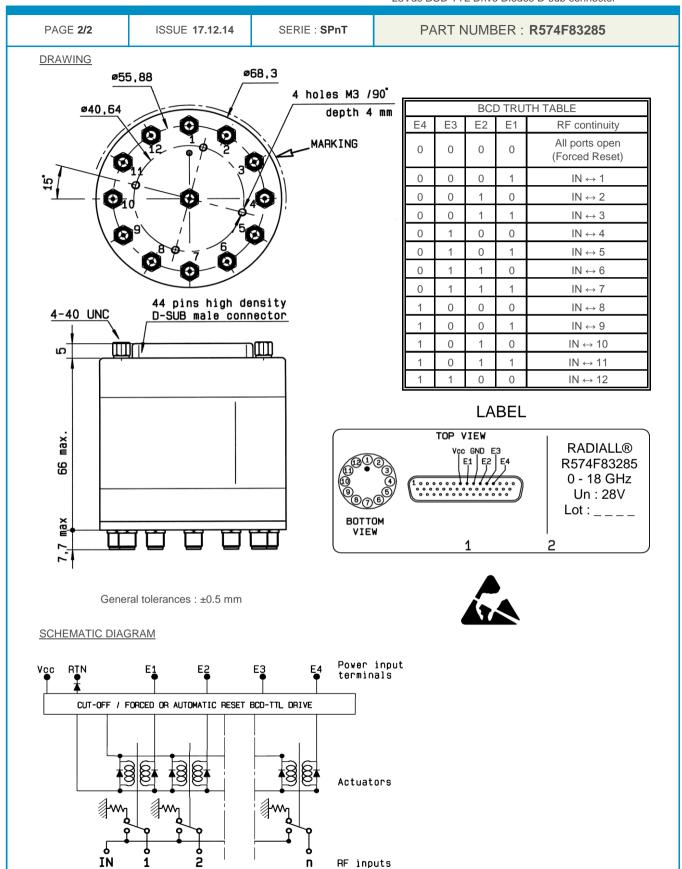
(*** Nominal voltage; 25° C)







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