Technical Data Sheet



SP8T Terminated Ramses SMA 18GHz Normaly open Indicators 28Vdc TTL Drive D-sub connector

SERIE : SPnT PART NUMBER : R574413825

RF CHARACTERISTICS

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Number of ways : 8

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Frequency range : 0 - 18 GHz Impedance : 50 Ohms

Frequency (GHz)	DC - 3	3 - 8	8 - 12.4	12.4 - 16	16 - 18
VSWR max	1.20	1.30	1.40	1.50	1.60
Insertion loss max	0.20 dB	0.30 dB	0.40 dB	0.55 dB	0.60 dB
Isolation min	80 dB	70 dB	60 dB	60 dB	60 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 : NORMALLY OPEN

Nominal current ** : 102 mA

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

Terminals : 25 pins D-SUB male connector

Indicator rating : 1 W / 30 V / 100 mA

TTL inputs (E) - High level : 2.2 to 5.5 V / $800\mu A$ at 5.5 V

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

MECHANICAL CHARACTERISTICS

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

Switching Time*** : < 15 ms

Construction : Splashproof

Weight : < 280 g

ENVIRONMENTAL CHARACTERISTICS

Operating temperature range : $-40 \,^{\circ}\text{C}$ to $+85 \,^{\circ}\text{C}$ Storage temperature range : $-55 \,^{\circ}\text{C}$ to $+85 \,^{\circ}\text{C}$

(* Average power at 25 °C per RF Path)

(** At 25°C ±10%)

(*** Nominal voltage; 25°C)



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