Technical Data Sheet



SP4T Terminated Ramses SMA 18GHz Square Flange Normally open 28Vdc Pins Terminals

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RF CHARACTERISTICS

Number of ways : 4

Frequency range : 0 - 18 GHz Impedance : 50 Ohms

Frequency (GHz)	DC - 3	3 - 8	8 - 12.4	12.4 - 18
VSWR max	1.20	1.30	1.40	1.50
Insertion loss max	0.20 dB	0.30 dB	0.40 dB	0.50 dB
Isolation min	80 dB	70 dB	60 dB	60 dB
Average power (*)	240 W	150 W	120 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) / NEGATIVE COMMON
Terminals : solder pins (250°C max. / 30 sec.)

MECHANICAL CHARACTERISTICS

Connectors : SMA female per MIL-C 39012
Life : 3 million cycles per position

Switching Time*** : < 15 msConstruction : Splashproof
Weight : < 250 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 06-06-23 SERIE: SPnT PART NUMBER: **R574G03400 DRAWING** [1.801] 45.75 \bigoplus RF Continuity Voltage 1.063 \emptyset 27 -C +2 $IN \leftrightarrow 2\,$ -C +3 $IN \leftrightarrow 3$ -C +5 $\text{IN} \leftrightarrow 5$ -C +6 $IN \leftrightarrow 6$ [0.171] $4 \times \emptyset 4.35$ [2.250] 57.15 LABEL Pin terminals **RADIALL®** R574G03400 0 - 18 GHz [1.909 max.] 48.50 max. Un: 28V Lot : _ _ _ _ BOTTOM VIEW 5 6 [2.240] ∅56.90 [0.085] 2.15 General tolerances: ±0,5 mm [0,02 in] SCHEMATIC DIAGRAM Power Input Terminals -C Actuators RF inputs

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