Technical Data Sheet



SP6T Terminated Ramses SMA 26.5GHz Latching Indicators 28Vdc

Positive common Diodes D-sub connector

PAGE 1/2 ISSUE 30.01.15 SERIE : SPNT PART NUMBER : R574F33645

RF CHARACTERISTICS

Number of ways : 6

Frequency range : 0 - 26.5 GHz Impedance : 50 Ohms

Frequency (GHz)	DC - 3	3 - 8	8 - 12.4	12.4 - 18	18-26.5
VSWR max	1.20	1.30	1.40	1.50	1.70
Insertion loss max	0.20 dB	0.30 dB	0.40 dB	0.50 dB	0.70 dB
Isolation min	80 dB	70 dB	60 dB	60 dB	50 dB
Average power (*)	240 W	150 W	120 W	100 W	40 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 ** : 125 mA / RESET : 750 mA ****

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

Terminals : 25 pins D-SUB male connector

Indicator rating : 1 W / 30 V / 100 mA

MECHANICAL CHARACTERISTICS

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

Switching Time*** : <15 ms

Construction : 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)

(**** Reset : supply voltage time 1sec. max. / duty cycle 10%)



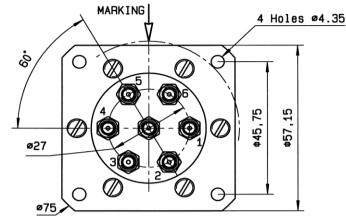




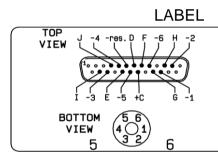
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PAGE 2/2 ISSUE 30.01.15 SERIE : SPNT PART NUMBER : R574F33645

DRAWING



Voltage	RF Continuity	Ind.
+C -RESET	All ports open	
+C -1	IN ↔ 1	D.G
+C -2	$IN \leftrightarrow 2$	D.H
+C -3	IN ↔ 3	D.I
+C -4	IN ↔ 4	D.J
+C -5	IN ↔ 5	D.E
+C -6	IN ↔ 6	D.F

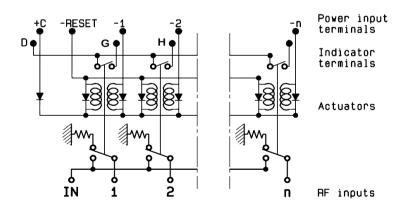


RADIALL® R574F33645 0 - 26.5 GHz Un : 28V Lot : _ _ _ _



General tolerances: ±0.5 mm

SCHEMATIC DIAGRAM



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