Technical Data Sheet



SP10T Terminated Ramses SMA 22GHz Normally open 28Vdc Positive common Diodes D-sub connector

PAGE 1/2 ISSUE 25-11-22 SERIE : SPnT PART NUMBER : R574F03045

RF CHARACTERISTICS

Number of ways : 10

Frequency range : 0 - 22 GHz Impedance : 50 Ohms

Frequency (GHz)	DC - 3	3 - 8	8 - 12.4	12.4 - 15.5	15.5 - 18	18 - 22
VSWR max	1,20	1,30	1,40	1,50	1,70	1,80
Insertion loss max	0.20 dB	0.30 dB	0.40 dB	0.50 dB	0.70 dB	0.80 dB
Isolation min	80 dB	70 dB	60 dB	60 dB	55 dB	55 dB
Average power (*)	240 W	150 W	120 W	110 W	100 W	90 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) / POSITIVE COMMON
Terminals : 25 pins D-SUB male connector

MECHANICAL CHARACTERISTICS

Connectors : SMA female per MIL-C 39012 Life : 2 million cycles per position

Switching Time*** : < 15 msConstruction : Splashproof
Weight : < 360 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)



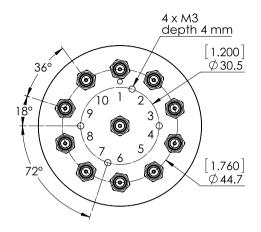




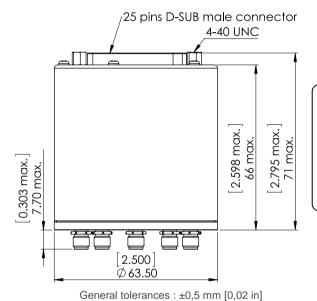
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PAGE **2/2** ISSUE **25-11-22** SERIE: SPnT PART NUMBER: R574F03045

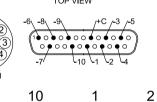
DRAWING



Voltage	RF Continuity		
+C -1	$IN \leftrightarrow 1$		
+C -2	$IN \leftrightarrow 2$		
+C -3	$IN \leftrightarrow 3$		
+C -4	$IN \leftrightarrow 4$		
+C -5	$IN \leftrightarrow 5$		
+C -6	$IN \leftrightarrow 6$		
+C -7	$IN \leftrightarrow 7$		
+C -8	IN ↔ 8		
+C -9	IN ↔ 9		
+C -10	IN ↔ 10		



LABEL TOP VIEW



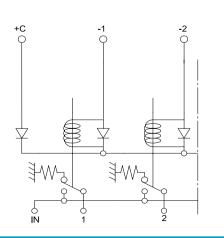
R574F03045 0 - 22 GHz Un: 28V

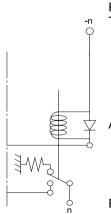
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SCHEMATIC DIAGRAM





Power Input Terminals.

Actuators

RF inputs

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