

Technical Data Sheet

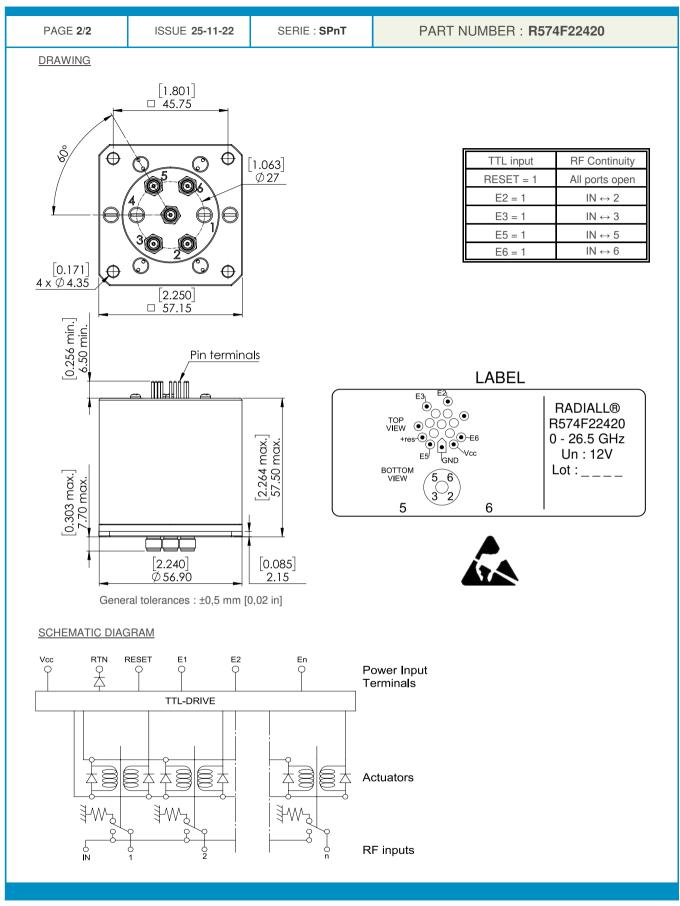
SP4T Terminated Ramses SMA 26.5GHz Latching 12Vdc TTL Diodes Pins Terminals

PAGE 1/2 ISSUE 25-11-22		SERIE : SPnT		PART NUMBER : R574F22420					
RF CHARACTERI	<u>STICS</u>								
Number of v Frequency r Impedance			:	4 0 - 26.5 GHz 50 Ohms	Z				
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 los	s max	0.20 dB	0.30 dB	0.40 dB	0.50 dB	0.70 dB			
Isolation mi		80 dB	70 dB	60 dB	60 dB	50 dB			
Average po	wer (*)	240 W	150 W	120 W	100 W	40 W			
TERMINAT	ION IMPEDA	NCE		50 Ohms					
	. POWER A				mination / 3	W total powe	r		
				·		•			
ELECTRICAL CHARACTERISTICS Actuator Nominal current ** Actuator voltage (Vcc) Terminals TTL inputs (E) - High level - Low level			:	: LATCHING : 320 mA / RESET : 1280 mA **** : 12V (10.2 to 13V) : solder pins (250°C max. / 30 sec.) : 2.2 to 5.5 V / 800μA at 5.5 V : 0 to 0.8 V / 20μA at 0.8 V					
			:	2.2 to 5.5 V	/ 800µA at 5.	5 V			
	- Low	r level	:	2.2 to 5.5 V	/ 800µA at 5.	5 V			
TTL inputs (- Low	r level	:	2.2 to 5.5 V 0 to 0.8 V / 3	/ 800µA at 5.	5 V			
TTL inputs (<u>MECHANICAL CH</u> Connectors Life	- Low	r level	:	2.2 to 5.5 V 0 to 0.8 V / 3 SMA female 3 million cy	/ 800µA at 5. 20µA at 0.8 V	5 V 99012			
TTL inputs (MECHANICAL CH Connectors Life Switching T	- Low	r level	:	2.2 to 5.5 V 0 to 0.8 V / 3 SMA female 3 million cy < 15 ms	/ 800μA at 5. 20μA at 0.8 V e per MIL-C 3 cles per pos	5 V 99012			
TTL inputs (<u>MECHANICAL CH</u> Connectors Life	- Low	r level	:	2.2 to 5.5 V 0 to 0.8 V / 3 SMA female 3 million cy	/ 800μA at 5. 20μA at 0.8 V e per MIL-C 3 cles per pos	5 V 99012			
TTL inputs (MECHANICAL CH Connectors Life Switching T Construction	- Low IARACTERIS ime*** n	r level	:	2.2 to 5.5 V 0 to 0.8 V / 3 SMA female 3 million cy < 15 ms Splashproo	/ 800μA at 5. 20μA at 0.8 V e per MIL-C 3 cles per pos	5 V 99012			
TTL inputs (MECHANICAL CH Connectors Life Switching T Construction Weight ENVIRONMENTA	- Low IARACTERIS ime*** n L CHARACT	TICS		2.2 to 5.5 V 0 to 0.8 V / 3 SMA female 3 million cy < 15 ms Splashproo < 250 g	/ 800μA at 5. 20μA at 0.8 V e per MIL-C 3 cles per pos	5 V 99012			
TTL inputs (<u>MECHANICAL CH</u> Connectors Life Switching T Construction Weight <u>ENVIRONMENTA</u> Operating te	- Low IARACTERIS ime*** n	r level STICS ERISTICS	:	2.2 to 5.5 V 0 to 0.8 V / 3 SMA female 3 million cy < 15 ms Splashproo	/ 800µA at 5. 20µA at 0.8 V ≥ per MIL-C 3 cles per pos of 5°C	5 V 99012	RoHS		
TTL inputs (<u>MECHANICAL CH</u> Connectors Life Switching T Construction Weight <u>ENVIRONMENTA</u> Operating te Storage terr	- Low IARACTERIS ime*** n L CHARACT	TICS ERISTICS ange ge	:	2.2 to 5.5 V 0 to 0.8 V / 3 SMA female 3 million cy < 15 ms Splashprod < 250 g	/ 800µA at 5. 20µA at 0.8 V ≥ per MIL-C 3 cles per pos of 5°C	5 V 99012	ROHS		
TTL inputs (<u>MECHANICAL CH</u> Connectors Life Switching T Construction Weight <u>ENVIRONMENTA</u> Operating te Storage terr (* Average poor (** At 25° C ±10)	- Low IARACTERIS ime*** n L CHARACT emperature ran operature ran wer at 25°C p 0%)	TICS ERISTICS ange ge	:	2.2 to 5.5 V 0 to 0.8 V / 3 SMA female 3 million cy < 15 ms Splashprod < 250 g	/ 800µA at 5. 20µA at 0.8 V ≥ per MIL-C 3 cles per pos of 5°C	5 V 99012	RoHS COMPLIAN		
TTL inputs (<u>MECHANICAL CH</u> Connectors Life Switching T Construction Weight <u>ENVIRONMENTA</u> Operating te Storage terr (* Average poor (** At 25° C ±1) (*** Nominal vol	- Low IARACTERIS ime*** n L CHARACT emperature ran operature ran wer at 25°C p 0%) tage ; 25° C)	TICS ERISTICS ange ge		2.2 to 5.5 V 0 to 0.8 V / 3 SMA female 3 million cy < 15 ms Splashprod < 250 g -40°C to +8 -55°C to +8	/ 800µA at 5. 20µA at 0.8 V ≥ per MIL-C 3 cles per pos of 5°C	5 V 99012	ROHS COMPLIAN		

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