

Technical Data Sheet

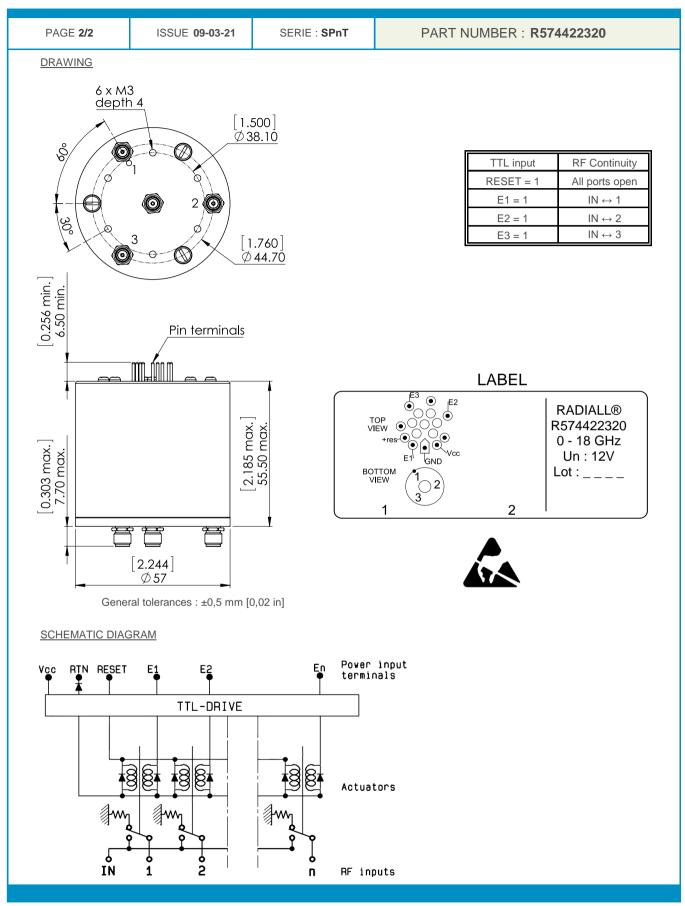
SP3T Terminated Ramses SMA 18GHz Latching 12Vdc TTL Diodes Pins Terminals

PAGE 1/2 ISSUE 09-03-21		09-03-21	SERIE : SPnT		PART NUMBER : R574422320	
RF CHARACTER	ISTICS					
Number of	ways		:	3		
Frequency range			: 0 - 18 GHz			
Impedance	-		:	50 Ohms		
						1
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 mi		80 dB	70 dB	60 dB	60 dB	
Average po	wer (*)	240 W	150 W	120 W	100 W	
TERMINIAT				50 Ohme		
TERMINATION IMPEDANCE TERM. AVG. POWER AT 25° C			: 50 Ohms : 1 W per termination / 3 W total power			
ILNN. AVC	J. FOWLK A	125 0	•	i w per ten	iiiiatioii / 5	
ELECTRICAL CH	ARACTERIST	TICS				
Actuator			:	LATCHING		
Nominal cu	rrent **		: 320 mA / RESET : 960 mA ****			
Actuator vo	ltage (Vcc)		: 12V (10.2 to 13V)			
Terminals			: solder pins (250°C max. / 30 sec.)			
TTL inputs (E) - High level		level	: 2.2 to 5.5 V / 800µA at 5.5 V			
					-	
i i È inputs	- Low				/ 800µA at 5. 20µA at 0.8 V	
					-	
MECHANICAL CH	- Low	level			-	
MECHANICAL CH	- Low	level	:	0 to 0.8 V / 3	20µA at 0.8 V	,
MECHANICAL CH	- Low	level	:	0 to 0.8 V / SMA female	20µA at 0.8 V ∋ per MIL-C 3	99012
MECHANICAL CH Connectors Life	- Low	level	:	0 to 0.8 V / SMA female 2 million cy	20µA at 0.8 V	99012
MECHANICAL CH Connectors Life Switching T	- Low	level	:	0 to 0.8 V / SMA female 2 million cy < 15 ms	20µA at 0.8 V e per MIL-C 3 cles per pos	99012
MECHANICAL CH Connectors Life Switching T Constructio	- Low	level	:	0 to 0.8 V / 3 SMA female 2 million cy < 15 ms Splashproo	20µA at 0.8 V e per MIL-C 3 cles per pos	99012
MECHANICAL CH Connectors Life Switching T	- Low	level	:	0 to 0.8 V / SMA female 2 million cy < 15 ms	20µA at 0.8 V e per MIL-C 3 cles per pos	99012
MECHANICAL CH Connectors Life Switching T Constructio Weight	- Low HARACTERIS	level <u>TICS</u>	:	0 to 0.8 V / 3 SMA female 2 million cy < 15 ms Splashproo	20µA at 0.8 V e per MIL-C 3 cles per pos	99012
MECHANICAL CH Connectors Life Switching T Constructio	- Low HARACTERIS	level <u>TICS</u>	:	0 to 0.8 V / 3 SMA female 2 million cy < 15 ms Splashproo	20µA at 0.8 V e per MIL-C 3 cles per pos	99012
MECHANICAL CH Connectors Life Switching T Constructio Weight ENVIRONMENTA	- Low HARACTERIS	Ievel TICS ERISTICS	:	0 to 0.8 V / 3 SMA female 2 million cy < 15 ms Splashproo	20µA at 0.8 V e per MIL-C 3 cles per pos	99012
MECHANICAL CH Connectors Life Switching T Constructio Weight ENVIRONMENTA Operating to	- Low HARACTERIS	Ievel TICS ERISTICS	:	0 to 0.8 V / 3 SMA female 2 million cy < 15 ms Splashproo < 250 g	20µA at 0.8 V e per MIL-C 3 cles per pos f 5°C	9012 ition
MECHANICAL CH Connectors Life Switching T Constructio Weight ENVIRONMENTA Operating to	- Low	Ievel TICS ERISTICS	:	0 to 0.8 V / 2 SMA female 2 million cy < 15 ms Splashproo < 250 g	20µA at 0.8 V e per MIL-C 3 cles per pos f 5°C	99012
MECHANICAL CH Connectors Life Switching T Constructio Weight ENVIRONMENTA Operating to Storage ten	- Low HARACTERIS	Ievel TICS ERISTICS Inge ge	:	0 to 0.8 V / 2 SMA female 2 million cy < 15 ms Splashproo < 250 g	20µA at 0.8 V e per MIL-C 3 cles per pos f 5°C	9012 ition
MECHANICAL CH Connectors Life Switching T Constructio Weight ENVIRONMENTA Operating to Storage ten	- Low HARACTERIS	Ievel TICS ERISTICS Inge ge	:	0 to 0.8 V / 2 SMA female 2 million cy < 15 ms Splashproo < 250 g	20µA at 0.8 V e per MIL-C 3 cles per pos f 5°C	9012 ition
MECHANICAL CH Connectors Life Switching T Constructio Weight ENVIRONMENTA Operating to Storage ten (* Average po (** At 25° C ±1	- Low HARACTERIS	Ievel TICS ERISTICS Inge ge	:	0 to 0.8 V / 2 SMA female 2 million cy < 15 ms Splashproo < 250 g	20µA at 0.8 V e per MIL-C 3 cles per pos f 5°C	9012 ition
MECHANICAL CH Connectors Life Switching T Constructio Weight ENVIRONMENTA Operating to Storage ten (* Average po (** At 25° C ±1 (*** Nominal vol	- Low HARACTERIS	ERISTICS inge ge er RF Path)		0 to 0.8 V / 2 SMA female 2 million cy < 15 ms Splashproo < 250 g -40°C to +8 -55°C to +8	20µA at 0.8 V e per MIL-C 3 cles per pos f 5°C	9012 ition

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