

## **Technical Data Sheet**

SPDT Ramses Low PIM SMA 18GHz Failsafe 28Vdc Pins Terminals

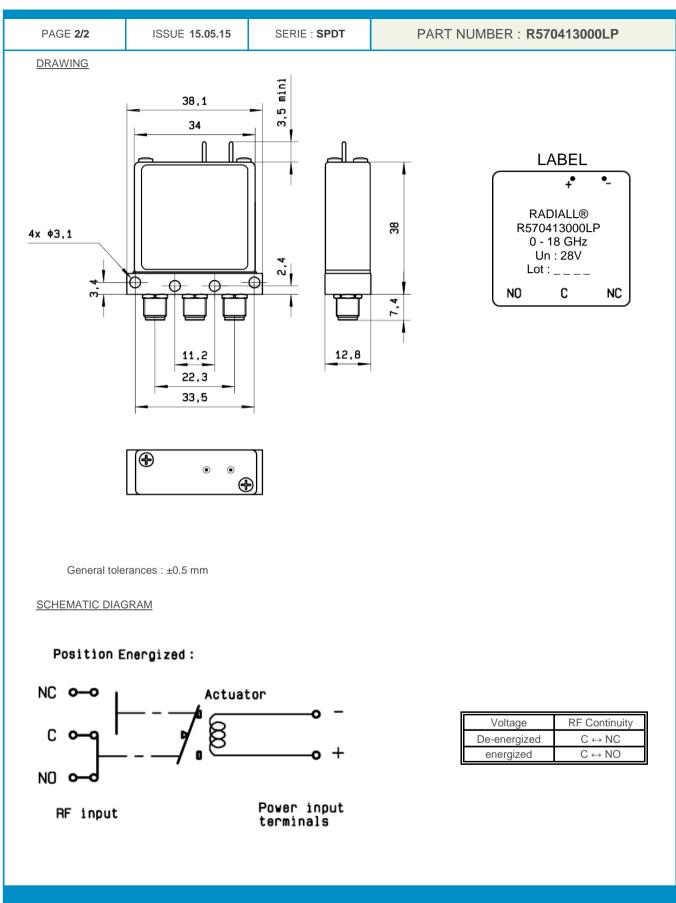
PAGE 1/2 ISSUE		15.05.15	SERIE	SERIE : <b>SPDT</b>		PART NUMBER : <b>R570413000LP</b>		
RF CHARACTERIS	STICS							
Frequency ra	ande			0 - 18 GHz				
Impedance		: 50 Ohms						
impedance				50 011113				
Frequency (0	2Hz)	DC - 3	3 - 8	8 - 12.4	12.4 - 18	7		
VSWR max	3112)	1.10	1.20	1.20	1.40	-		
Insertion loss	s max	0.15 dB	0.20 dB	0.25 dB	0.35 dB			
Isolation min		80 dB	75 dB	65 dB	60 dB	1		
Average pow		240 W	150 W	120 W	100 W	1		
						<u>-</u>		
			Passive inte	rmodulatior		]		
Tone 1		181	0 MHz, appro	oximately 43	dBm			
Tone 2		1850 MHz, approximately 43 dBm						
3 <sup>rd</sup> order PIN				t 1770 MHz				
	n application,				measuremen	nts can vary.		
PIM testing is	s not measure	ed during pro	oduct accepta	ance test.				
ELECTRICAL CHA	RACTERISTI	<u>CS</u>						
				FAILSAFE				
Actuator			•	FAILGAFE				
Nominal curr			:	102 mA				
Nominal curr Actuator volt			:	102 mA 28V (24 to 3	-			
Nominal curr			:	102 mA	-	/ 30 sec.)		
Nominal curr Actuator volt			:	102 mA 28V (24 to 3	-	/ 30 sec.)		
Nominal curr Actuator volt Terminals	age (Vcc)	100	:	102 mA 28V (24 to 3	-	/ 30 sec.)		
Nominal curr Actuator volt	age (Vcc)	<u>'ICS</u>	:	102 mA 28V (24 to 3	-	. / 30 sec.)		
Nominal curr Actuator volt Terminals MECHANICAL CH/	age (Vcc) ARACTERIST	<u>1CS</u>	:	102 mA 28V (24 to 3 solder pins	(250°C max			
Nominal curr Actuator volt Terminals <u>MECHANICAL CH/</u> Connectors*	age (Vcc) ARACTERIST	ICS	: :	102 mA 28V (24 to 3 solder pins SMA female	(250°C max			
Nominal curr Actuator volt Terminals <u>MECHANICAL CH/</u> Connectors* Life	age (Vcc) <u>ARACTERIST</u>	ICS	: :	102 mA 28V (24 to 3 solder pins SMA female 2 million cy	(250°C max			
Nominal curr Actuator volt Terminals <u>MECHANICAL CH</u> Connectors* Life Switching Tir	age (Vcc) <u>ARACTERIST</u> **** me***	1 <u>CS</u>	:	102 mA 28V (24 to 3 solder pins SMA female 2 million cy < 10 ms	(250°C max e per MIL-C : cles			
Nominal curr Actuator volt Terminals <u>MECHANICAL CH</u> Connectors* Life Switching Tir Construction	age (Vcc) <u>ARACTERIST</u> **** me***	<u>ICS</u>	:	102 mA 28V (24 to 3 solder pins SMA female 2 million cy < 10 ms Splashproo	(250°C max e per MIL-C : cles			
Nominal curr Actuator volt Terminals <u>MECHANICAL CH</u> Connectors* Life Switching Tir	age (Vcc) <u>ARACTERIST</u> **** me***	ICS	:	102 mA 28V (24 to 3 solder pins SMA female 2 million cy < 10 ms	(250°C max e per MIL-C : cles			
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Nominal curr Actuator volt Terminals <u>MECHANICAL CH/</u> Connectors* Life Switching Tir Construction Weight	age (Vcc) <u>ARACTERIST</u> ****		:	102 mA 28V (24 to 3 solder pins SMA female 2 million cy < 10 ms Splashproo	(250°C max e per MIL-C : cles			
Nominal curr Actuator volt Terminals <u>MECHANICAL CH</u> Connectors* Life Switching Tir Construction	age (Vcc) <u>ARACTERIST</u> ****		:	102 mA 28V (24 to 3 solder pins SMA female 2 million cy < 10 ms Splashproo	(250°C max e per MIL-C : cles			
Nominal curr Actuator volt Terminals <u>MECHANICAL CH/</u> Connectors* Life Switching Tir Construction Weight <u>ENVIRONMENTAL</u>	age (Vcc) <u>ARACTERIST</u> **** me*** <u>CHARACTE</u>	RISTICS		102 mA 28V (24 to 3 solder pins SMA female 2 million cy < 10 ms Splashproo < 45 g	(250°C max e per MIL-C : cles f			
Nominal curr Actuator volt Terminals <u>MECHANICAL CH/</u> Connectors* Life Switching Tir Construction Weight <u>ENVIRONMENTAL</u> Operating ter	age (Vcc) <u>ARACTERIST</u> **** me*** <u>CHARACTEF</u> mperature ran	<u>RISTICS</u> ge		102 mA 28V (24 to 3 solder pins SMA female 2 million cy < 10 ms Splashproo < 45 g	(250°C max e per MIL-C : cles f 0°C	39012		
Nominal curr Actuator volt Terminals <u>MECHANICAL CH/</u> Connectors* Life Switching Tir Construction Weight <u>ENVIRONMENTAL</u> Operating ter	age (Vcc) <u>ARACTERIST</u> **** me*** <u>CHARACTE</u>	<u>RISTICS</u> ge		102 mA 28V (24 to 3 solder pins SMA female 2 million cy < 10 ms Splashproo < 45 g	(250°C max e per MIL-C : cles f 0°C			
Nominal curr Actuator volt Terminals <u>MECHANICAL CH</u> Connectors* Life Switching Tir Construction Weight <u>ENVIRONMENTAL</u> Operating ter Storage term	age (Vcc) <u>ARACTERIST</u> **** me*** <u>CHARACTEF</u> mperature ran perature range	RISTICS ge		102 mA 28V (24 to 3 solder pins SMA female 2 million cy < 10 ms Splashproo < 45 g	(250°C max e per MIL-C : cles f 0°C	39012		
Nominal curr Actuator volt Terminals <u>MECHANICAL CH/</u> Connectors* Life Switching Tir Construction Weight <u>ENVIRONMENTAL</u> Operating ter Storage temp	age (Vcc)  ARACTERIST **** me*** <u>CHARACTEF</u> mperature range ver at 25°C per	RISTICS ge		102 mA 28V (24 to 3 solder pins SMA female 2 million cy < 10 ms Splashproo < 45 g	(250°C max e per MIL-C : cles f 0°C	39012		
Nominal curr Actuator volt Terminals <u>MECHANICAL CH/</u> Connectors* Life Switching Tir Construction Weight <u>ENVIRONMENTAL</u> Operating ter Storage temp (* Average pow (** At 25° C ±10	age (Vcc) <u>ARACTERIST</u> **** me*** <u>CHARACTEF</u> mperature ran perature range ver at 25°C per v%)	RISTICS ge		102 mA 28V (24 to 3 solder pins SMA female 2 million cy < 10 ms Splashproo < 45 g	(250°C max e per MIL-C : cles f 0°C	39012		
Nominal curr Actuator volt Terminals <u>MECHANICAL CH/</u> Connectors* Life Switching Tir Construction Weight <u>ENVIRONMENTAL</u> Operating ter Storage temp (* Average pow (** At 25° C ±10 (*** Nominal volt	age (Vcc) <u>ARACTERIST</u> **** me*** <u>CHARACTER</u> mperature range ver at 25°C per %) age ; 25° C)	<u>RISTICS</u> ge e r RF Path)		102 mA 28V (24 to 3 solder pins SMA female 2 million cy < 10 ms Splashproo < 45 g	(250°C max e per MIL-C : cles f 0°C	39012		
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