

Technical Data Sheet

SPDT Ramses Low PIM SMA 18GHz Failsafe 12Vdc Pins Terminals

PAGE 1/2 ISSUE		22-03-22 SERIE : SPDT		PART NUMBER : R570412000LP			
RF CHARACTE	RISTICS						
Frequen	cy range		: 0 - 18 GHz				
Impedan	се	: 50 Ohms					
						a	
Frequency (GHz)		DC - 3	3 - 8	8 - 12.4	12.4 - 18		
VSWR max Insertion loss max		1.10 0.15 dB	1.20 0.20 dB	1.20 0.25 dB	1.40 0.35 dB	-	
Isolation min		80 dB	0.20 dB 75 dB	65 dB	60 dB	•	
Average power (*)		240 W	150 W	120 W	100 W		
			Passive intermodulation				
Tone 1		1810 MHz, approximately 43 dBm				-	
	Tone 2 3 rd order PIM		1850 MHz, approximately 43 dBm - 160 dBc at 1770 MHz				
Dependi	Depending on application, carrier powers and frequencies, PIM measurements can vary.						
PIM testi	PIM testing is not measured during product acceptance test.						
ELECTRICAL (HARACTERIS	<u>FICS</u>					
A stuster							
Actuator Nominal	current **			FAILSAFE 250 mA			
Actuator voltage (Vcc)		: 12V (10.2 to 13V)					
Terminal		solder pins (250°C max. / 30 sec.)				/ 30 sec.)	
MECHANICAL	CHARACTERIS	TICS					
	010101012100						
Connect	Connectors*****		: SMA female per MIL-C			39012	
Life	Life		: 2 million cycles				
Switching Time***		: < 10 ms					
Construction			Splashproof				
Weight			:	< 45 g			
ENVIRONMEN	TAL CHARACT	ERISTICS					
Operatin	g temperature ra	nge : -25°C to +70°			0°C		
	Storage temperature rang		•				
	(* Average power at 25°C per RF P						
(** At 25° C ±10%)							
						OMPLIAT	
(***** Recomm	(***** Recommended mating torque: 80-120 N.cm)						
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