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Technical Data Sheet

SPDT Ramses Low PIM SMA 18GHz Latching Self-cut-off 12Vdc TTL Diodes Pins Terminals

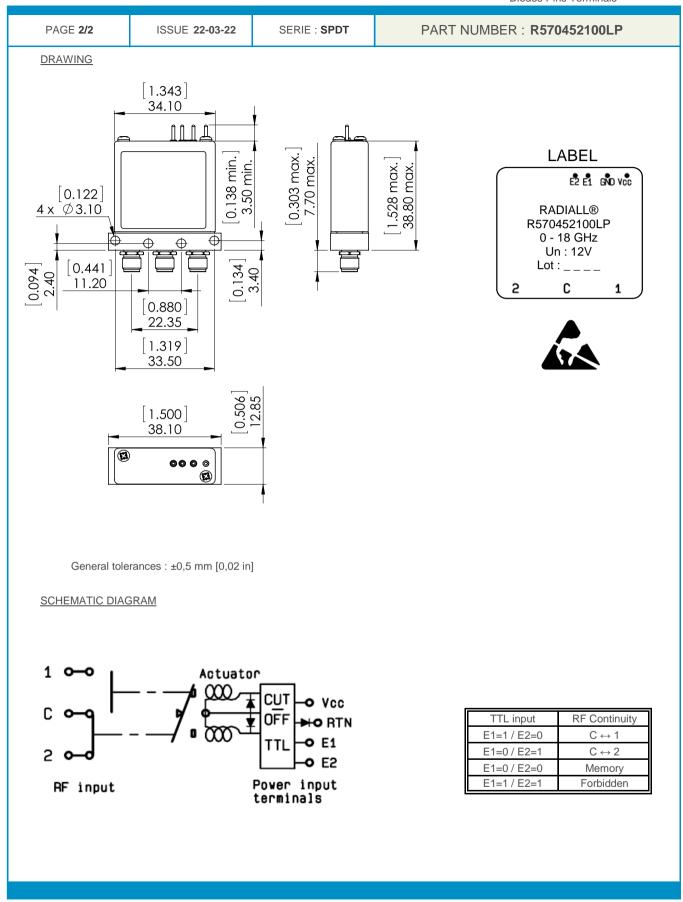
PAGE 1/2 ISSUE 22-03			22-03-22	2-03-22 SERIE : SPDT			PART NUMBER : <b>R570452100LP</b>			
RF CH	HARACTERIS	STICS								
	Frequency ra	ange			0 - 18 GHz					
	Impedance			:	50 Ohms					
							1			
	Frequency (GHz)		DC - 3	3 - 8	8 - 12.4	12.4 - 18				
	VSWR max		1.10	1.20	1.20	1.40				
	Insertion loss max Isolation min		0.15 dB 80 dB	0.20 dB 75 dB	0.25 dB 65 dB	0.35 dB 60 dB				
	Average pov		240 W	150 W	120 W	100 W				
I	r werage por		240 11	100 11	120 11	100 11	]			
	Passive intermodulation									
	Tone 1		181	0 MHz, appro	oximately 43	dBm				
					MHz, approximately 43 dBm					
	3 <sup>rd</sup> order PIN	1		- 160 dBc a	at 1770 MHz					
-	Depending of	on application	n, carrier pow	ers and frequ	iencies, PIM	measurement	ts can vary.			
	PIM testing i	s not measu	red during pro	oduct accepta	ance test.					
ELEC	TRICAL CHA	RACTERIS	<u>FICS</u>							
	Actuator			:	LATCHING					
	Nominal curi				210 mA					
						: 12V (10.2 to 13V)				
	Terminals				: solder pins (250°C max. / 30 sec.)					
	Self cut-off time				: 40 ms < CT < 120 ms					
	TTL inputs (E) - High level - Low level				: 2.2 to 5.5 V / 800μA at 5.5 V : 0 to 0.8 V / 20μA at 0.8 V					
		LOW			0100.0077	τομη αι 0.0 γ				
MECH	HANICAL CH	ARACTERIS	TICS							
	Connectors**** : S				SMA female	e per MIL-C 3	9012			
	Life				2 million cycles					
Switching Time***					< 10 ms					
Construction				:	: Splashproof					
	Weight									
ENVIE	RONMENTAL	CHARACTI	ERISTICS							
	_									
	Operating temperature range				: -25°C to +70°C : -55°C to +85°C					
	Storage temperature range :					5°C	,	ROHS		
(*	A	10 n at 0500					(			
(* (**	Average pov		er KF Path)			•				
(										
(		-	orque: 80-120	N cm)				OMPLIAN		
(		isa maning it	.1940. 00-120							

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Radiall: <u>R570452100LP</u>