

Technical Data Sheet

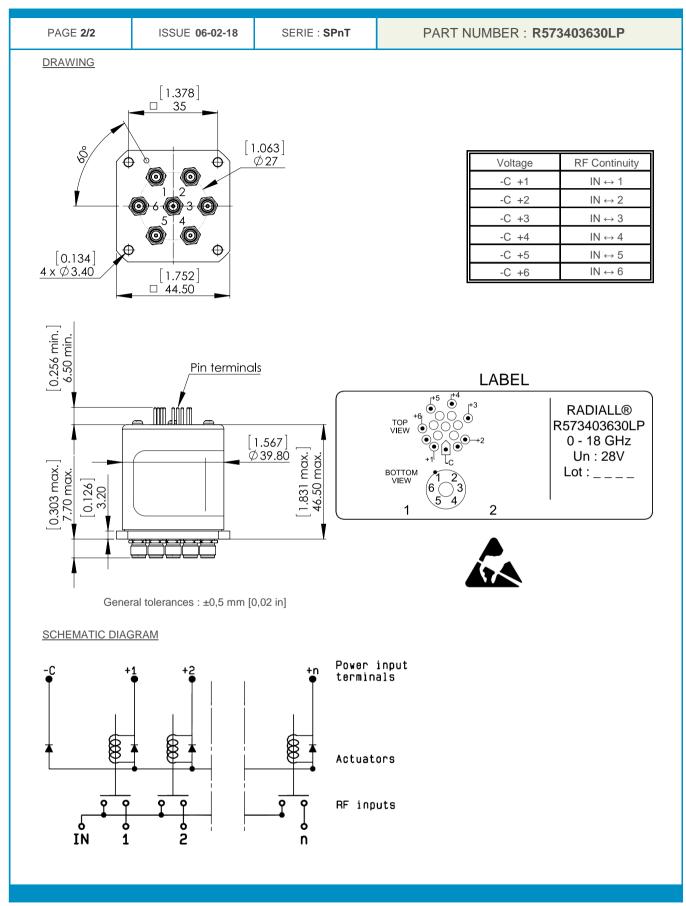
SP6T Ramses Low PIM SMA 18GHz Normally open 28Vdc Diodes Pins Terminals

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RF CHARACTERIS	STICS					
Number of w	avs		6			
Frequency ra	•		- 0 - 18 GHz			
Impedance		: 50 Ohms				
Frequency (C	GHz) DC - 3	3 - 8	8 - 12.4	12.4 - 18		
VSWR max	1.20	1.30	1.40	1.50		
Insertion loss	s max 0.20 dB	0.30 dB	0.40 dB	0.50 dB		
Isolation min	80 dB	70 dB	60 dB	60 dB		
Average pow		150 W	120 W	100 W		
		Passive intermodulation				
Tone 1		1810 MHz, approximately 43 dBm				
Tone 2		1850 MHz, approximately 43 dBm				
	3 rd order PIM - 160 dBc at 1770 MHz					
	n application, carrier por			measuremen	ts can vary.	
PIN testing is	s not measured during p	roduct accept	ance test.			
Actuator Nominal curr		: NORMALLY OPEN : 102 mA				
Actuator volt	age (Vcc)	28V (24 to 30V) / NEGATIVE COMMON				
Terminals		:	solder pins	(250°C max.	/ 30 sec.)	
MECHANICAL CH/	ARACTERISTICS					
Connectors*	***	: SMA female per M			39012	
Life		: 2 million cycles per pos			ition	
Switching Tir	ne***	: < 15 ms				
Construction		: Splashproof				
Weight		:	< 180 g			
ENVIRONMENTAL	CHARACTERISTICS					
Operating temperature range		: -25°C to +70°C		D°C		
Storage temp	Storage temperature range		∶ -55°C to +85°C		ROHS	
(* Average pow	ver at 25°C per RF Path)					
(* Average pow (** At 25° C ±10	• •					
	%)				COMPLEX N	
(** At 25° C ±10 (*** Nominal volta	%)				COMPLIAN	

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