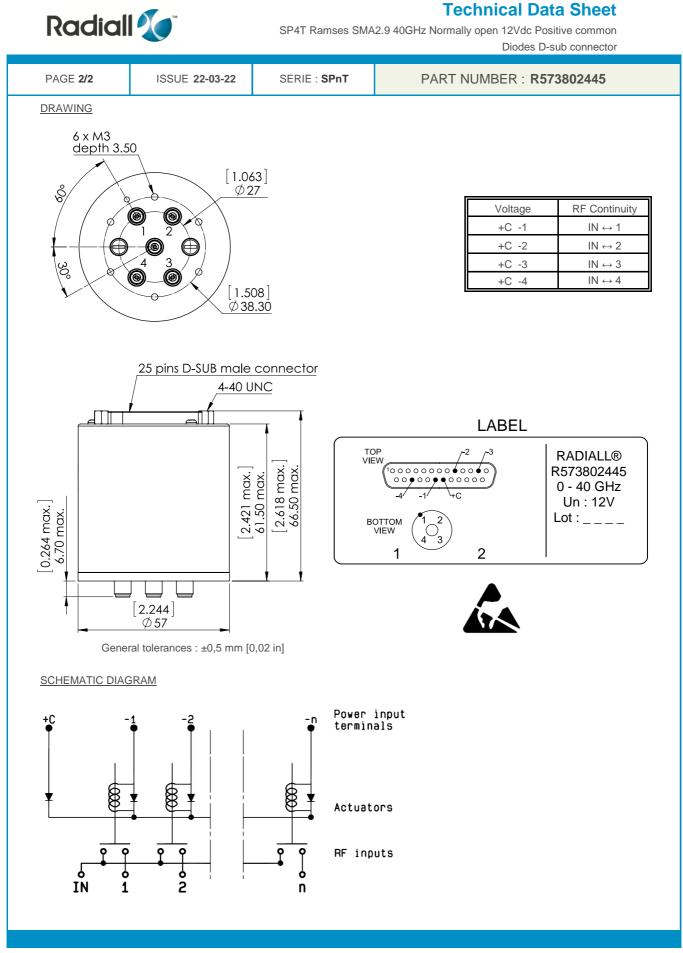


Technical Data Sheet

SP4T Ramses SMA2.9 40GHz Normally open 12Vdc Positive common Diodes D-sub connector

PAGE 1/2 ISSUE 22-03-22			SERIE : SPnT		PART NUMBER : R573802445		
<u>RF CHA</u>	ARACTERISTICS						
N	lumber of ways			4			
Frequency range				- 0 - 40 GHz			
	npedance			50 Ohms			
_							
F	requency (GHz)	DC - 6	6 - 12.4	12.4 - 18	18 - 26.5	26.5 - 40	
	SWR max	1.30	1.40	1.50	1.70	2.20	
	nsertion loss max	0.20 dB	0.40 dB	0.50 dB	0.70 dB	1.10 dB	
	solation min	70 dB 40 W	60 dB 30 W	60 dB 25 W	55 dB 15 W	50 dB 5 W	
<u> </u>	werage power ()	40 W	30 W	23 W	15 🗤	5 77	
ELECT	RICAL CHARACTERIS	<u>STICS</u>					
_							
Actuator Nominal current **				: NORMALLY OPEN : 250 mA			
Actuator voltage (Vcc)				: 250 mA : 12V (10.2 to 13V) / POSITIVE COMMON			
Terminals				25 pins D-S			
				•			
MECHA	NICAL CHARACTER	STICS					
С	connectors		:	SMA 2.9 fen	nale per MIL	-C 39012	
Life				2 million cycles per position			
Switching Time***			:	: < 15 ms			
	Construction			Splashproo	f		
V	Veight		:	< 220 g			
ENVIRC	ONMENTAL CHARAC	TERISTICS					
~	Derating temperature Storage temperature ra	•		-40°C to +85			
	nonago iomperature la	- ge		55 6 10 +01			ROHS
S (* A	verage power at 25°C	per RF Path)				(
(* A (** A	t 25° C ±10%)					(
(* A (** A							COMPLIAN
(* A (** A	t 25° C ±10%)						COMPLIAN
(* A (** A	t 25° C ±10%)					(COMPLIAN
(* A (** A	t 25° C ±10%)					(COMPLIAN
(* A (** A	t 25° C ±10%)					(COMPLIAN
(* A (** A	t 25° C ±10%)						COMPLIAN
(* A (** A	t 25° C ±10%)						COMPLIAN



This document contains proprietary information and such information shall not be disclosed to any third party for any purpose whatsoever or used for manufacturing purposes without prior written agreement from Radiall. The data defined in this document are given as an indication, in the effort to improve our products; we reserve the right to make any changes judged necessary.