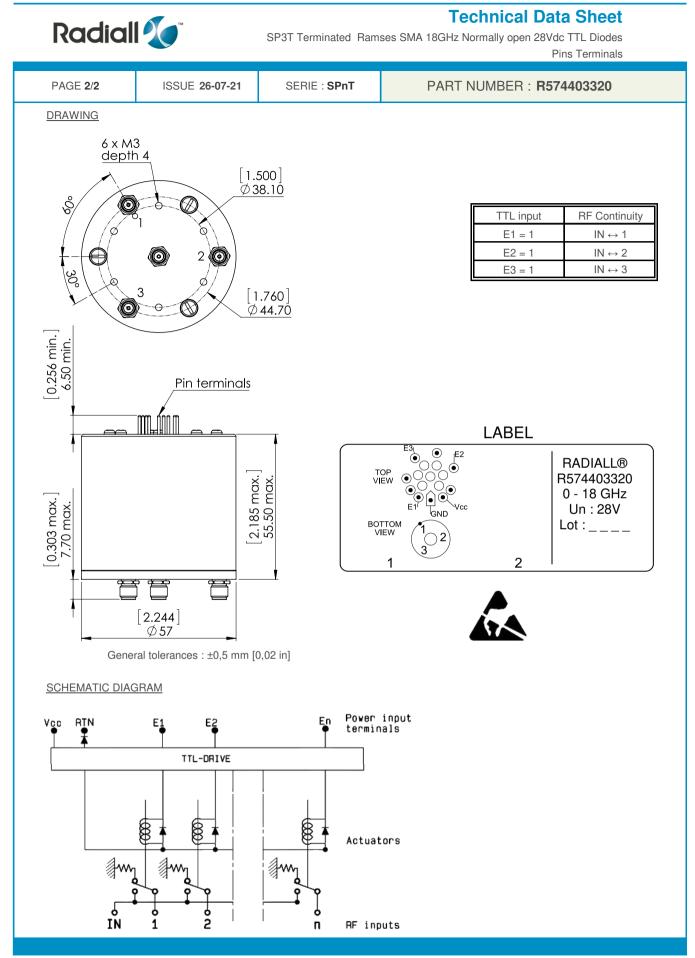


Technical Data Sheet

SP3T Terminated Ramses SMA 18GHz Normally open 28Vdc TTL Diodes Pins Terminals

PAGE 1/2 ISSUE 20		26-07-21 SERIE : SPnT		PART NUMBER : R574403320			
RF CHARACTERI	STICS						
Number of v	-			3			
Frequency range				0 - 18 GHz			
Impedance			:	50 Ohms			
Frequency	GHz)	DC - 3	3 - 8	8 - 12.4	12.4 - 18	1	
Frequency (GHz) VSWR max		1.20	1.30	1.40	1.50		
Insertion loss max).20 dB	0.30 dB	0.40 dB	0.50 dB		
Isolation min		80 dB	70 dB	60 dB	60 dB		
Average power (*)		240 W	150 W	120 W	100 W		
TERMINAT	ON IMPEDANCE	Ξ	:	50 Ohms			
TERM. AVG	TERM. AVG. POWER AT 25° C				: 1 W per termination / 3 W total power		
ELECTRICAL CH		2					
LEECTRICAL ON		<u>5</u>					
Actuator			:	NORMALLY	OPEN		
Nominal current **			:	: 102 mA			
Actuator voltage (Vcc)			:	: 28V (24 to 30V)			
Terminals			:	: solder pins (250°C max. / 30 sec.)			
TTL inputs (E) - High level			:	: 2.2 to 5.5 V / 800μA at 5.5 V			
- Low level			:	: 0 to 0.8 V / 20μA at 0.8 V			
MECHANICAL CH	ARACTERISTIC	S					
Connectors			:	SMA female	per MIL-C 3	39012	
Life			:	: 2 million cycles per position			
Switching Time***			:	: < 15 ms			
Construction				: Splashproof			
Weight			:	∶ < 250 g			
ENVIRONMENTA	L CHARACTERI	<u>STICS</u>					
Operating temperature range				∴ -40°C to +85°C			
Storage temperature range				- 55°C to 185°C			
0						ROHS	
(* Average power at 25°C per RF Path)							
						ONDIAN	
(*** Nominal vol	tage ; 25° C)					"FLI	

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