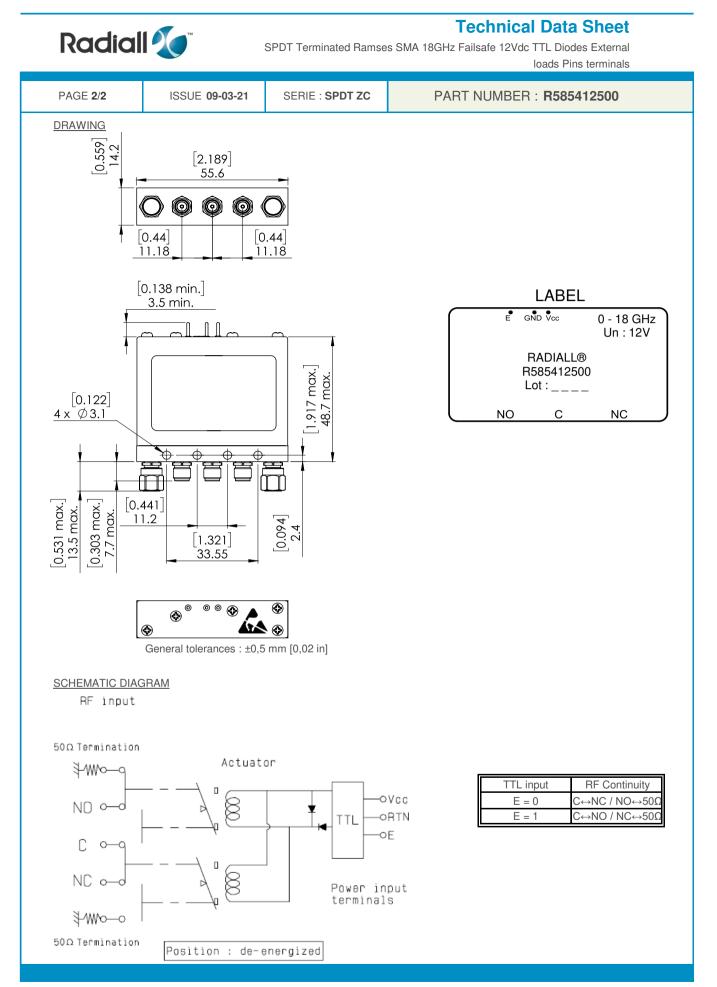


Technical Data Sheet

SPDT Terminated Ramses SMA 18GHz Failsafe 12Vdc TTL Diodes External loads Pins terminals

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RF CHARACTERISTICS						
Frequency range			:	0 - 18 GHz		
Impedance			:	50 Ohms		
Frequency (0	GHz)	DC - 3	3 - 8	8 - 12.4	12.4 - 18	
VSWR max		1.20	1.30	1.40	1.50	
Insertion loss max		0.20 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	
ELECTRICAL CHA	RACTERIST	TICS				
Actuator	Actuator			FAILSAFE		
	Nominal current **		:	500 mA		
Actuator voltage (Vcc)			:	12V (10.2 to	13V)	
Terminals				: solder pins (250°C max. / 30 sec.)		
TTL inputs (E) - High level		level			/ 800µA at 5.5 \	
	- Low level			: 0 to 0.8 V / 20µA at 0.8 V		
MECHANICAL CHARACTERISTICS Connectors Life Switching Time*** Construction Weight			:	 SMA female per MIL-C 39012 10 million cycles < 10 ms Splashproof < 100 g 		
ENVIRONMENTAL	CHARACTE	ERISTICS				
Operatina te	Operating temperature range			∴ -40°C to +85°C		
Storage temperature range			: -55°C to +85°C			
		-				ROHS
 (* Average power at 25°C per RF Path) (** At 25° C ±10%) (*** Nominal voltage ; 25° C) 						COMPLIAN

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