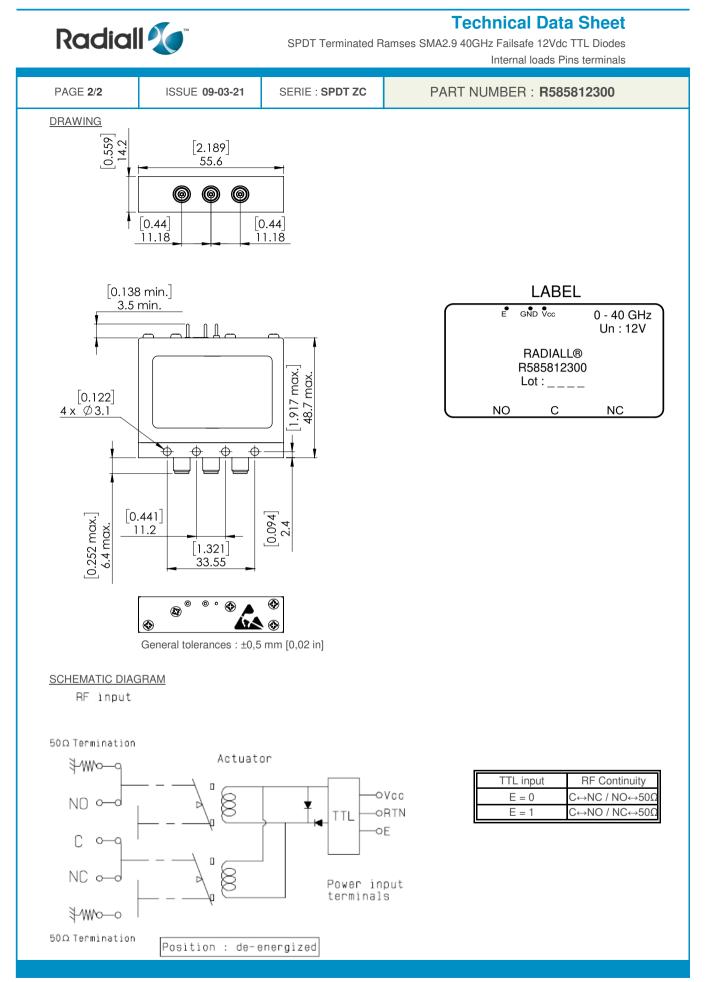


Technical Data Sheet

SPDT Terminated Ramses SMA2.9 40GHz Failsafe 12Vdc TTL Diodes Internal loads Pins terminals

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RF CHARACTERISTICS								
	51100							
Frequency ra	:	: <b>0 - 40 GHz</b>						
Impedance		:	50 Ohms					
Frequency (	GHz)	DC - 6	6 - 12.4	12.4 - 18	18 - 26.5	26.5 - 40		
VSWR max			1.40	1.50	1.70	1.90		
Insertion los	Insertion loss max		0.40 dB	0.50 dB	0.70 dB	0.80 dB		
Isolation mir	Isolation min		60 dB	60 dB	55 dB	50 dB		
Average pov	ver (*)	80 W	60 W	50 W	20 W	10 W		
							1	
ELECTRICAL CHARACTERISTICS								
Actuator			:	: FAILSAFE				
Nominal current **			: 500 mA					
Actuator voltage (Vcc)			: 12V (10.2 to 13V)					
Terminals			: solder pins (250°C max. / 30 sec.)					
TTL inputs (	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 CHARACTERISTICS Connectors Life Switching Time*** Construction Weight			: SMA 2.9 female per MIL-C 39012 : 2 million cycles : < 10 ms : Splashproof : < 100 g					
ENVIRONMENTAL	_ CHARACTI	ERISTICS						
Operating temperature range			:	: -40°C to +85°C				
Storage temperature range			: -55°C to +85°C			A 9 H -		
							ROHS	
(* Average pov	(* Average power at 25°C per RF Path)							
(** At 25° C ±10%)							·0, ×	
(*** Nominal voltage ; 25° C)							MPLIN	

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