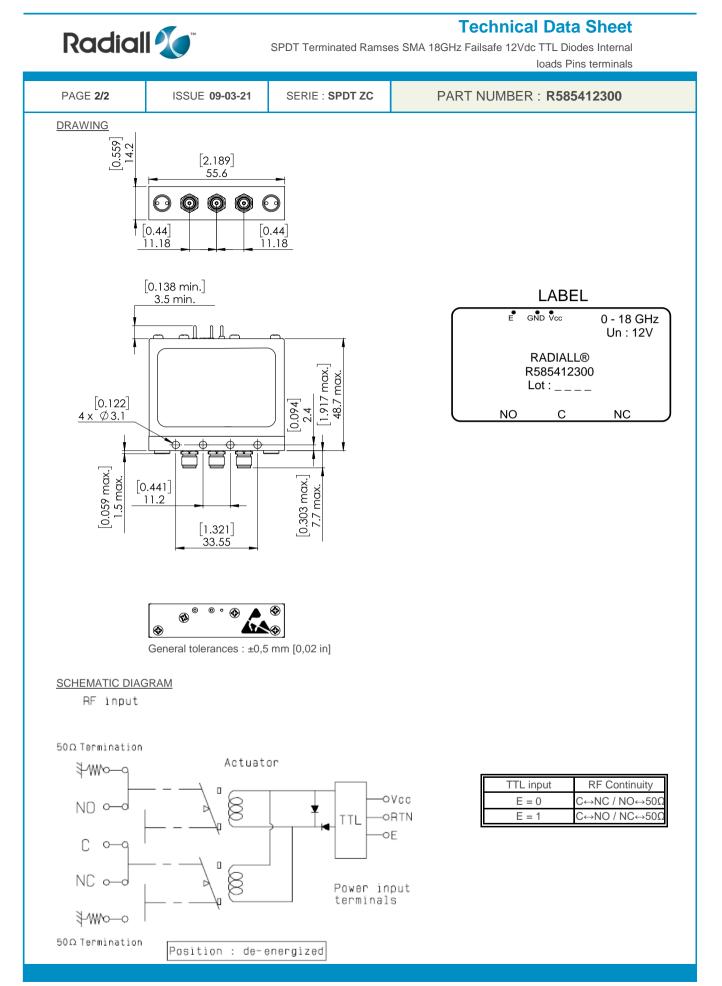


Technical Data Sheet

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

ARACTERISTICS Frequency range mpedance Frequency (GHz) /SWR max nsertion loss max	DC - 3		0 - 18 GHz 50 Ohms		
Frequency range mpedance Frequency (GHz) /SWR max	DC - 3				
requency (GHz)	DC - 3				
requency (GHz)	DC - 3	:	50 Ohms		
/SWR max	DC - 3				
/SWR max	DC - 3				
		3 - 8	8 - 12.4	12.4 - 18	
neartian loss may	1.20	1.30	1.40	1.50	
IISEITION IOSS MAX	0.20 dB	0.30 dB	0.40 dB	0.50 dB	
solation min	80 dB	70 dB	60 dB	60 dB	
Average power (*)	240 W	150 W	120 W	100 W	
RICAL CHARACTER	<u>KISTICS</u>				
			-		
				13V)	
Terminals			: solder pins (250°C max. / 30 sec.)		
				-	
MECHANICAL CHARACTERISTICS Connectors Life Switching Time*** Construction Weight		:	 SMA female per MIL-C 39012 2 million cycles < 10 ms Splashproof < 100 g 		9012
ONMENTAL CHARA					
Operating temperature range			: -40°C to +85°C		
Storage temperature range					
0	0				ROHS
Average power at 25° At 25° C ±10%) Nominal voltage ; 25°					· · · · · · · · · · · · · · · · · · ·
	ctuator lominal current ** ctuator voltage (Vcc erminals TL inputs (E) - H - I <u>NICAL CHARACTE</u> connectors ife witching Time*** construction /eight <u>DNMENTAL CHARA</u> perating temperature torage temperature verage power at 25° t 25° C ±10%)	lominal current ** ctuator voltage (Vcc) erminals TL inputs (E) - High level - Low level NICAL CHARACTERISTICS connectors ife witching Time*** construction /eight DNMENTAL CHARACTERISTICS Operating temperature range torage temperature range verage power at 25°C per RF Path) t 25° C ±10%)	ctuator :: lominal current ** :: ctuator voltage (Vcc) :: erminals :: TL inputs (E) - High level :: - Low level :: NICAL CHARACTERISTICS connectors :: ife :: witching Time*** :: construction :: /eight :: DNMENTAL CHARACTERISTICS OPerating temperature range :: torage temperature range :: torage temperature range :: verage power at 25°C per RF Path) t 25° C ±10%)	ctuator : FAILSAFE lominal current ** : 500 mA ctuator voltage (Vcc) : 12V (10.2 to erminals : solder pins TL inputs (E) - High level : 2.2 to 5.5 V - Low level : 0 to 0.8 V / 2 NICAL CHARACTERISTICS connectors : SMA female ife : 2 million cy witching Time*** : < 10 ms construction : Splashproo /eight : < 100 g DNMENTAL CHARACTERISTICS 0perating temperature range : -40°C to +85 torage temperature range : -55°C to +85 verage power at 25°C per RF Path) t 25° C ±10%)	ctuator : FAILSAFE iominal current ** : 500 mA ctuator voltage (Vcc) : 12V (10.2 to 13V) erminals : solder pins (250°C max. TL inputs (E) - High level : 2.2 to 5.5 V / 800µA at 5. - Low level : 0 to 0.8 V / 20µA at 0.8 V INICAL CHARACTERISTICS ife : 2 million cycles witching Time*** : < 10 ms ionstruction : Splashproof /eight : < 100 g DMENTAL CHARACTERISTICS pperating temperature range : -40°C to +85°C torage temperature range : -55°C to +85°C verage power at 25°C per RF Path) t 25° C ±10%)

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