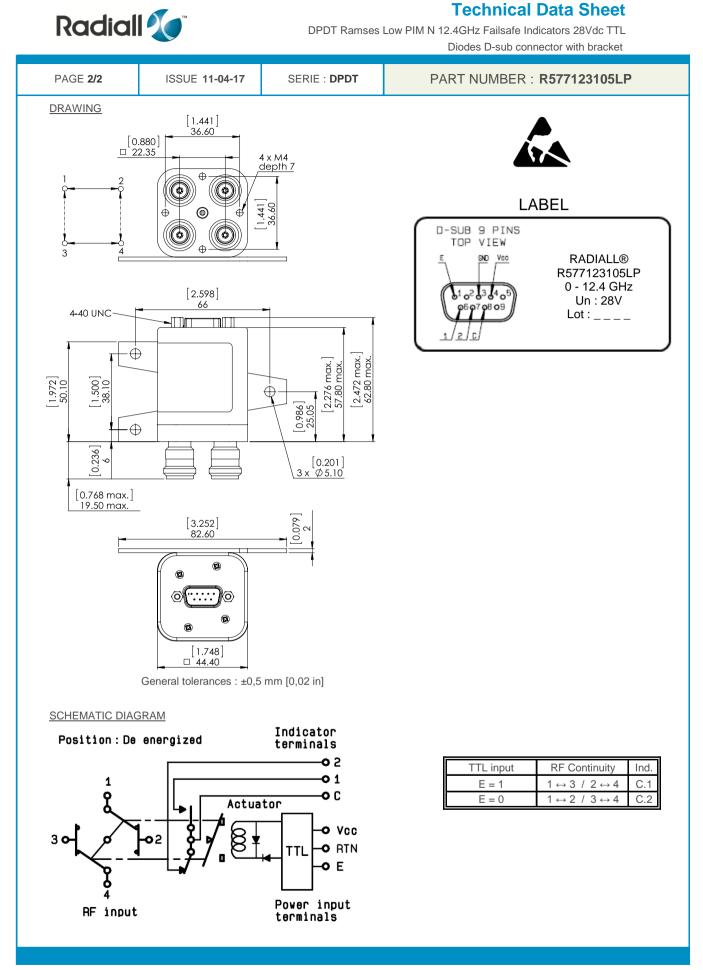


Technical Data Sheet

DPDT Ramses Low PIM N 12.4GHz Failsafe Indicators 28Vdc TTL Diodes D-sub connector with bracket

PAGE <b>1/2</b>		ISSUE 11-04-17		SERIE : <b>DPDT</b>		PART NUMBER : <b>R577123105LP</b>			
RF CHARACTERISTICS									
Frequency range : 0 - 12.4 GH									
Impedance : 50 Ohms									
	Frequency (	GHz)	DC - 1	1 - 2	2 - 3	3 - 8	8 - 12.4	1	
	VSWR max		1.15	1.20	1.25	1.35	1.50		
	Insertion loss max		0.15 dB	0.20 dB	0.25 dB	0.35 dB	0.50 dB		
	Isolation min		85 dB	80 dB	75 dB	70 dB	60 dB		
	Average power (*)		700 W	500 W	400 W	250 W	200 W		
				Passive intermodulation					
	Tone 1		1810 MHz, approximately 43 dBm 1850 MHz, approximately 43 dBm						
	Tone 2 3 <sup>rd</sup> order PIM		185		nt 1770 MHz				
	Depending on application, carrier powers and frequencies, PIM measurements can vary.								
	PIM testing is not measured during product acceptance test.								
ELECTRICAL CHARACTERISTICS									
	Actuator : FAILSAFE								
	Actuator : FAILSAFE Nominal current ** : 140 mA								
Actuator voltage (Vcc) : 28V (24 to 30V)									
Terminals					: 9 pins D-SUB male connector				
	Indicator rating				: 1 W / 30 V / 100 mA				
TTL inputs (E) - High			n level	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*	****		: N female per MIL-C 390					
Life		2 N temale per MIL-C 390 2 2 million cycles				14			
Switching Time***				: < 15 ms					
Construction				: Splashproof					
	Weight			: <b>&lt; 215 g</b>					
ENVIRONMENTAL CHARACTERISTICS									
				. 0500 4 7000					
Operating temperature ra Storage temperature rang		-		-25°C to +70					
	Storage tem	perature ran	ye	:	∶ -55°C to +85°C			ROHS	
(*	Average pov	ver at 25°C n	er RF Path)						
(**	At 25° C ±10								
(***									
(***** Recommended mating torque: 300 N.cm)								MPLIN	

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