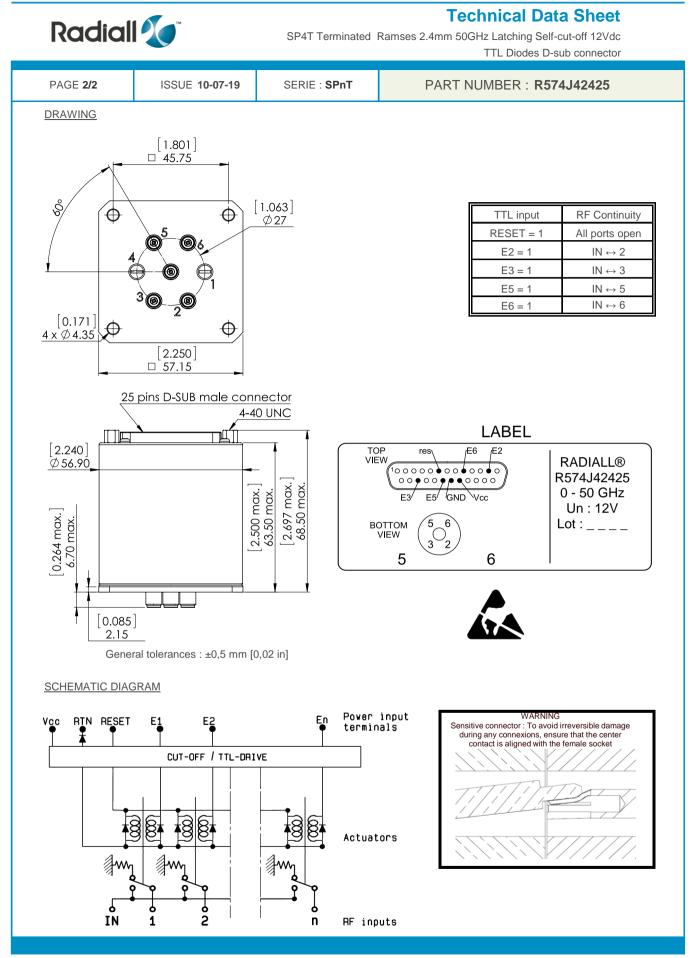


Technical Data Sheet

SP4T Terminated Ramses 2.4mm 50GHz Latching Self-cut-off 12Vdc TTL Diodes D-sub connector

RF CHARACTERIS	<u>STICS</u>								
	121/6			4					
Frequency range		: 4 : 0 - 50 GHz							
Impedance		: 50 Ohms							
Frequency (GHz)	DC - 6	6 - 12.4	12.4 - 18	18 - 26.5	26.5 - 40	40 - 50		
VSWR max		1.30	1.40	1.50	1.70	1.90	2.20		
Insertion loss	s max	0.20 dB	0.40 dB	0.50 dB	0.70 dB	0.90 dB	1.20 dB		
Isolation min		70 dB	60 dB	60 dB	55 dB	50 dB	50 dB		
Average pow	/er (*)	40 W	30 W	25 W	15 W	5 W	3 W		
TERMINATIO				50 Ohms					
TERM. AVG	. POWER A	T 25° C	:	1 W per terr	nination / 3	W total powe	er		
	DACTEDIO	TICS							
ELECTRICAL CHA	RACIERIS	<u>HCS</u>							
A attuctor			-						
Actuator Nominal current **				: LATCHING					
				: 320 mA / RESET : 1280 mA **** : 12V (10.2 to 13V)					
Actuator voltage (Vcc) Terminals			25 pins D-SUB male connector						
Self cut-off time			\therefore 40 ms < CT < 120 ms						
TTL inputs (E) - High level		h level	: 2.2 to 5.5 V / 800µA at 5.5 V						
- Low level			: 0 to 0.8 V / 20µA at 0.8 V						
IECHANICAL CH	ARACTERIS	STICS							
Connectors				2 Amm form	No (According		282/		
Life				2.4mm female (Accoding to IEEE STD 287) 2 million cycles per position					
Switching Time***				: 2 million cycles per position : < 15 ms					
Construction				∶ < 15 ms ∶ Splashproof					
Weight				: < 250 g					
				3					
ENVIRONMENTAL	<u>CHARACT</u>	ERISTICS							
Operating te	mperature ra	ange	:	-25°C to +70)°C				
Storage temperature range				: -40°C to +85°C					
5							ROH	5	
* Average pow	/er at 25°C p	per RF Path)							
** At 25° C ±10	1%)						ON	44	
	200 · 25° C)						PLI	·	
(*** Nominal volt		me 1sec. max							

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