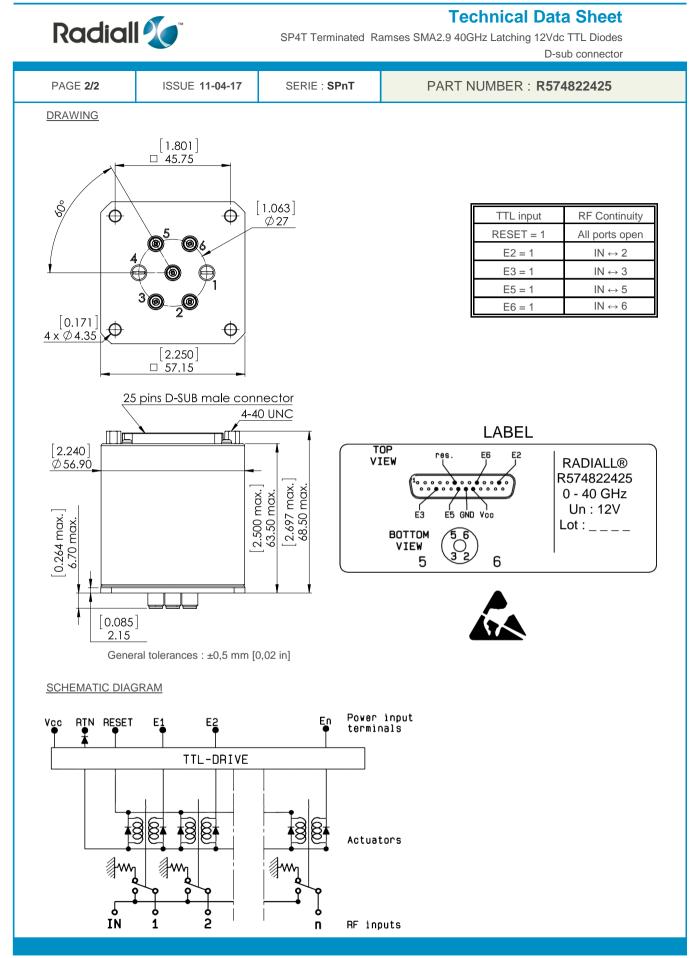


Technical Data Sheet

SP4T Terminated Ramses SMA2.9 40GHz Latching 12Vdc TTL Diodes D-sub connector

	GE 1/2 ISSUE 11-04-17		SERIE : SPnT		PART NUMBER : R574822425				
RF CHARACTER	ISTICS								
Number of Frequency Impedance	range		:	4 0 - 40 GHz 50 Ohms					
Frequency	(GHz)	DC - 6	6 - 12.4	12.4 - 18	18 - 26.5	26.5 - 40			
VSWR max		1.30	1.40	1.50	1.70	2.20			
Insertion lo		0.20 dB	0.40 dB	0.50 dB	0.70 dB	1.10 dB			
Isolation mi	in	70 dB	60 dB	60 dB	55 dB	50 dB			
Average po	ower (*)	40 W	30 W	25 W	15 W	5 W			
	TON IMPEDA G. POWER A		-	50 Ohms 1 W per terr	nination / 3	W total powe	er		
ELECTRICAL CH	ARACTERIS	TICS							
Actuator Nominal current **				: LATCHING : 320 mA / RESET : 1280 mA ****					
	ltage (Vcc)			12V (10.2 to		IIIA			
Terminals				25 pins D-S	-	nnector			
TTL inputs (E) - High level			: 2.2 to 5.5 V / 800µA at 5.5 V						
	(L) - Higi			2.2 to 5.5 V	/ 800µA at 5.	.5 V			
i i L inputs	- Low			2.2 to 5.5 V 0 to 0.8 V / 2	-				
MECHANICAL CI	- Low	/ level			-				
	- Low	/ level	:		20µA at 0.8 \	1			
MECHANICAL CH	- Low	/ level	:	0 to 0.8 V / 2	20µA at 0.8 \ nale per MIL	/ -C 39012			
MECHANICAL CH	- Low	/ level	:	0 to 0.8 V / 2 SMA 2.9 fem	20µA at 0.8 \ nale per MIL	/ -C 39012			
MECHANICAL CH Connectors Life Switching T Constructio	- Low	/ level	:	0 to 0.8 V / 2 SMA 2.9 fem 2 million cy	20µA at 0.8 V nale per MIL cles per pos	/ -C 39012			
MECHANICAL CH Connectors Life Switching T	- Low	/ level	:	0 to 0.8 V / 2 SMA 2.9 fen 2 million cy < 15 ms	20µA at 0.8 V nale per MIL cles per pos	/ -C 39012			
MECHANICAL CH Connectors Life Switching T Constructio	- Low	/ level	:	0 to 0.8 V / 2 SMA 2.9 fem 2 million cy < 15 ms Splashproo	20µA at 0.8 V nale per MIL cles per pos	/ -C 39012			
MECHANICAL CH Connectors Life Switching T Constructio Weight ENVIRONMENTA	- Low	r level	:	0 to 0.8 V / 2 SMA 2.9 fem 2 million cy < 15 ms Splashproo	20µA at 0.8 V nale per MIL cles per pos f	/ -C 39012			
MECHANICAL CH Connectors Life Switching T Constructio Weight ENVIRONMENTA	- Low	r level	:	0 to 0.8 V / 2 SMA 2.9 fen 2 million cy < 15 ms Splashproo < 250 g	20µA at 0.8 V nale per MIL cles per pos f 5°C	/ -C 39012	RoHs		
MECHANICAL CH Connectors Life Switching T Constructio Weight ENVIRONMENTA Operating t Storage ter	- Low	r level STICS ERISTICS ange ge	:	0 to 0.8 V / 2 SMA 2.9 fem 2 million cy < 15 ms Splashproo < 250 g	20µA at 0.8 V nale per MIL cles per pos f 5°C	/ -C 39012	RoHs		
MECHANICAL CH Connectors Life Switching T Constructio Weight ENVIRONMENTA Operating t Storage ter	- Low	r level STICS ERISTICS ange ge	:	0 to 0.8 V / 2 SMA 2.9 fem 2 million cy < 15 ms Splashproo < 250 g	20µA at 0.8 V nale per MIL cles per pos f 5°C	/ -C 39012	RoHs Company		
MECHANICAL CH Connectors Life Switching T Constructio Weight ENVIRONMENTA Operating t Storage ter (* Average pc (** At 25° C ±1 (*** Nominal vo	- Low	ERISTICS ERISTICS ange ge ber RF Path)		0 to 0.8 V / 2 SMA 2.9 fen 2 million cy < 15 ms Splashproo < 250 g -40°C to +85 -55°C to +85	20µA at 0.8 V nale per MIL cles per pos f 5°C	/ -C 39012	ROHS		

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