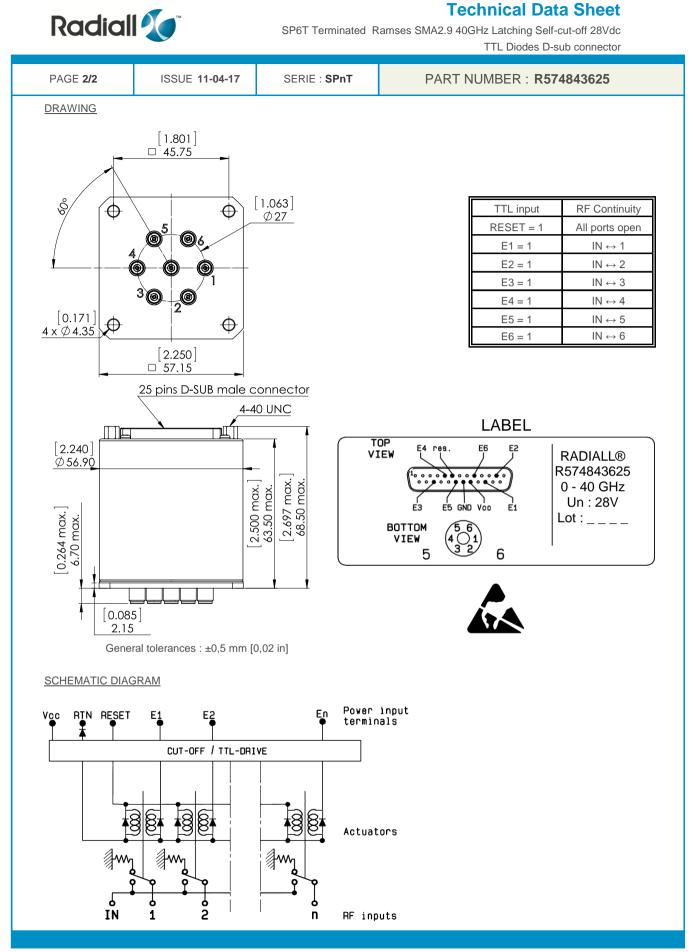


Technical Data Sheet

SP6T Terminated Ramses SMA2.9 40GHz Latching Self-cut-off 28Vdc TTL Diodes D-sub connector

PAGE 1/2 ISSUE 11-04-17		SERIE : SPnT		PART NUMBER : R574843625			
ACTERISTICS							
nber of ways quency range vedance		:	0 - 40 GHz				
quency (GHz)	DC - 6	6 - 12.4	12.4 - 18	18 - 26.5	26.5 - 40		
WR max	1.30	1.40	1.50	1.70	2.20		
ertion loss max	0.20 dB	0.40 dB	0.50 dB	0.70 dB	1.10 dB		
ation min	70 dB	60 dB	60 dB	55 dB	50 dB		
erage power (*)	40 W	30 W	25 W	15 W	5 W		
				nination / 3	W total powe	ər	
CAL CHARACTERIST	<u>FICS</u>						
Actuator			: LATCHING				
Nominal current **			: 125 mA / RESET : 750 mA ****				
Actuator voltage (Vcc)							
Terminals Self cut-off time							
- Low level			: 0 to 0.8 V / 20μA at 0.8 V				
ICAL CHARACTERIS nnectors tching Time*** nstruction ight	TICS	:	2 million cy < 15 ms Splashproo	cles per pos			
IMENTAL CHARACTI	ERISTICS						
Operating temperature range Storage temperature range			∶ -40°C to +85°C ∶ -55°C to +85°C			ROHS	
0							
	nber of ways quency range edance quency (GHz) VR max rrtion loss max ation min rage power (*) RMINATION IMPEDA RM. AVG. POWER A CAL CHARACTERIST uator ninal current ** uator voltage (Vcc) ninals cut-off time inputs (E) - High - Low CAL CHARACTERIST nectors tching Time*** struction ght	hber of ways quency range edance Quency (GHz) DC - 6 VR max 1.30 Partion loss max 0.20 dB ation min 70 dB rage power (*) 40 W RMINATION IMPEDANCE RM. AVG. POWER AT 25° C CAL CHARACTERISTICS Hator ninals cut-off time inputs (E) - High level - Low level CAL CHARACTERISTICS nectors teching Time**** struction	nber of ways : quency (GHz) DC - 6 6 - 12.4 VR max 1.30 1.30 1.40 vertion loss max 0.20 dB 0.40 dB ation min 70 dB 60 dB rage power (*) 40 W 30 W RMINATION IMPEDANCE RM. AVG. POWER AT 25° C CAL CHARACTERISTICS uator uator voltage (Vcc) ninals cut-off time inputs (E) - High level inputs (E) - Low level CAL CHARACTERISTICS CAL CHARACTERISTICS uator inputs (E) - High level inputs (E) - Low level : : tching Time*** : <td< td=""><td>hber of ways : 6 quency range : 0 - 40 GHz edance : 50 Ohms quency (GHz) DC - 6 6 - 12.4 12.4 - 18 VR max 1.30 1.40 1.50 prition loss max 0.20 dB 0.40 dB 0.50 dB ation min 70 dB 60 dB 60 dB rage power (*) 40 W 30 W 25 W RMINATION IMPEDANCE ::::::::::::::::::::::::::::::::::::</td><td>nber of ways : 6 quency range : 0 - 40 GHz edance : 50 Ohms <u>quency (GHz) DC - 6 6 - 12.4 12.4 - 18 18 - 26.5 VR max 1.30 1.40 1.50 1.70 prition loss max 0.20 dB 0.40 dB 0.50 dB 0.70 dB ation min 70 dB 60 dB 60 dB 55 dB rage power (*) 40 W 30 W 25 W 15 W RMINATION IMPEDANCE :: 50 Ohms RM. AVG. POWER AT 25° C :: 1 W per termination / 3 W CAL CHARACTERISTICS uator :: LATCHING ninals :: 25 pins D-SUB male cor cut-off time :: 40 ms < CT < 120 ms</u></td> 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 CAL CHARACTERISTICS nectors : SMA 2.9 female per MIL :: 2 million cycles per pos : 1 CAL CHARACTERISTICS nectors : SMA 2.9 female per MIL :: 2 million cycles per pos : 1 CAL CHARACTERISTICS : 1 S</td<>	hber of ways : 6 quency range : 0 - 40 GHz edance : 50 Ohms quency (GHz) DC - 6 6 - 12.4 12.4 - 18 VR max 1.30 1.40 1.50 prition loss max 0.20 dB 0.40 dB 0.50 dB ation min 70 dB 60 dB 60 dB rage power (*) 40 W 30 W 25 W RMINATION IMPEDANCE ::::::::::::::::::::::::::::::::::::	nber of ways : 6 quency range : 0 - 40 GHz edance : 50 Ohms <u>quency (GHz) DC - 6 6 - 12.4 12.4 - 18 18 - 26.5 VR max 1.30 1.40 1.50 1.70 prition loss max 0.20 dB 0.40 dB 0.50 dB 0.70 dB ation min 70 dB 60 dB 60 dB 55 dB rage power (*) 40 W 30 W 25 W 15 W RMINATION IMPEDANCE :: 50 Ohms RM. AVG. POWER AT 25° C :: 1 W per termination / 3 W CAL CHARACTERISTICS uator :: LATCHING ninals :: 25 pins D-SUB male cor cut-off time :: 40 ms < CT < 120 ms</u>	hber of ways \therefore \therefore 6 quency range \therefore $0 - 40$ GHz edance \therefore 50 Ohms $puency (GHz) \qquad DC - 6 \qquad 6 - 12.4 \qquad 12.4 - 18 \qquad 18 - 26.5 \qquad 26.5 - 40 \qquad VR max \qquad 1.30 \qquad 1.40 \qquad 1.50 \qquad 1.70 \qquad 2.20 \qquad VR max \qquad 1.30 \qquad 1.40 \qquad 1.50 \qquad 1.70 \qquad 2.20 \qquad VR max \qquad 1.30 \qquad 1.40 \qquad 1.50 \qquad 1.70 \qquad 2.20 \qquad VR max \qquad 0.20 & 0B \qquad 0.40 & 0B \qquad 0.50 & 0B \qquad 0.70 & 0B \qquad 1.10 & 0B \qquad ation min \qquad 70 & 0B \qquad 60 & 0B \qquad 60 & 0B \qquad 55 & 0B \qquad 50 & 0B \qquad rage power (*) \qquad 40 & W \qquad 30 & W \qquad 25 & W \qquad 15 & W \qquad 5 & W \qquad VR MINATION IMPEDANCE \qquad \therefore 50 & 0hmsRMINATION IMPEDANCE \therefore 20 & 0hmsMINATION IMPEDANCE \therefore 20 & 0hmsRMINATION IMPEDANCE \therefore 20 & 0hmsMINATION IMPEDANCE \therefore 20 & 0hmsRMINATION IM$	

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