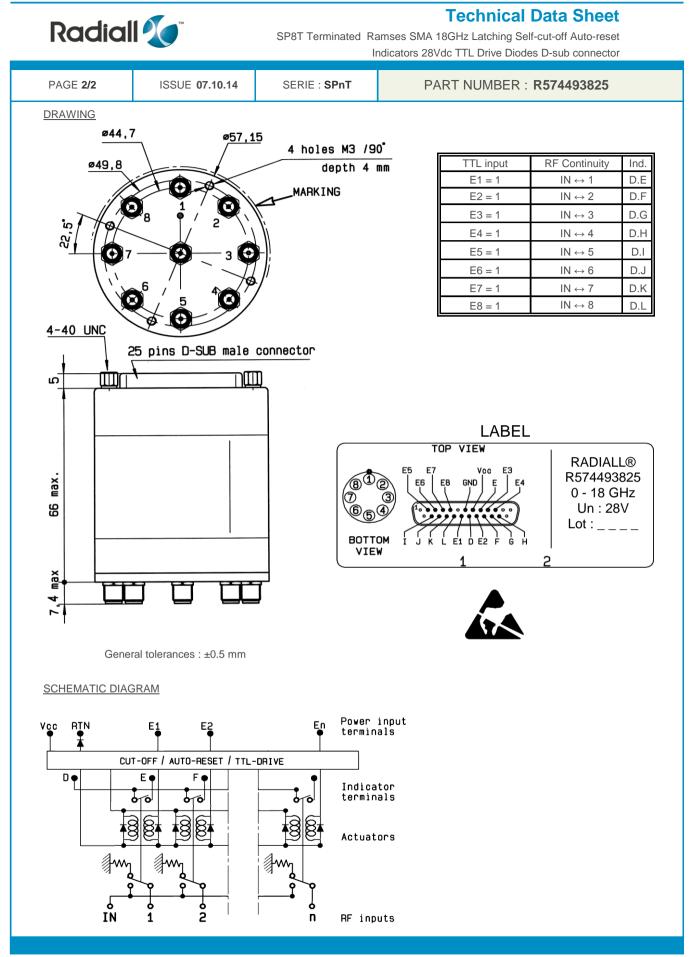


Technical Data Sheet

SP8T Terminated Ramses SMA 18GHz Latching Self-cut-off Auto-reset Indicators 28Vdc TTL Drive Diodes D-sub connector

PAGE 1/2 ISSUE 07.10		07.10.14	SERIE : SPnT		PART NUMBER : R574493825		
RF CHARACTE	RISTICS						
	,			•			
Number of ways			: 8				
Frequency range				0 - 18 GHz			
Impedan	ce		:	50 Ohms			
Frequen	y (GHz)	DC - 3	3 - 8	8 - 12.4	12.4 - 16	16 - 18	
VSWR max		1,20	1,30	1,40	1,50	1,60	
Insertion loss max		0.20 dB	0.30 dB	0.40 dB	0.55 dB	0.60 dB	
Isolation min		80 dB	70 dB	60 dB	60 dB	60 dB	
Average	power (*)	240 W	150 W	120 W	110 W	100 W	
TEDMIN	ATION IMPEDA	NOF		50 Ohms			
	VG. POWER A				mination / 2	W total power	
IERIVI. P	VG. POWER A	1 25 0		i w perten	nination / 3	w total power	
ELECTRICAL (CHARACTERIS	TICS					
Actuator				LATCHING			
Nominal current **			: 375 mA				
Actuator voltage (Vcc)			: 28V (24 to 30V)				
Terminal			25 pins D-SUB male connector				
Indicator			: 1 W / 30 V / 100 mA				
Self cut-off time			: 40 ms < CT < 120 ms				
TTL inputs (E) - High 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	CHARACTERIS	STICS					
Connectors			: SMA female per MIL-C 39012				
Life				2.000.000 cycles per position			
Switching Time***			: < 50 ms				
	Construction			: Splashproof			
	tion		:	Splashproo	f		
	tion			< 280 g	f		
Construc	tion				f		
Construc		ERISTICS			f		
Construc Weight <u>ENVIRONMEN</u>			:				
Construct Weight ENVIRONMEN Operatin	TAL CHARACT	ange	:	< 280 g	5°C		
Construct Weight ENVIRONMEN Operatin	TAL CHARACT	ange	:	< 280 g -40°C to +8	5°C	ROHS	
Construc Weight <u>ENVIRONMEN</u> Operatin Storage	TAL CHARACT g temperature ra emperature ran	ange ge	:	< 280 g -40°C to +8	5°C	RoHs	
Construc Weight <u>ENVIRONMEN</u> Operatin Storage	TAL CHARACT g temperature ra emperature ran power at 25°C g	ange ge	:	< 280 g -40°C to +8	5°C		
Construct Weight ENVIRONMEN Operatin Storage (* Average (** At 25° C	TAL CHARACT g temperature ra emperature ran power at 25°C g	ange ge oer RF Path)	:	< 280 g -40°C to +8	5°C	ROHS COMPLIAN	

This document contains proprietary information and such information shall not be disclosed to any third party for any purpose whatsoever or used for manufacturing purposes without prior written agreement from Radiall. The data defined in this document are given as an indication, in the effort to improve our products; we reserve the right to make any changes judged necessary.



This document contains proprietary information and such information shall not be disclosed to any third party for any purpose whatsoever or used for manufacturing purposes without prior written agreement from Radiall. The data defined in this document are given as an indication, in the effort to improve our products; we reserve the right to make any changes judged necessary.