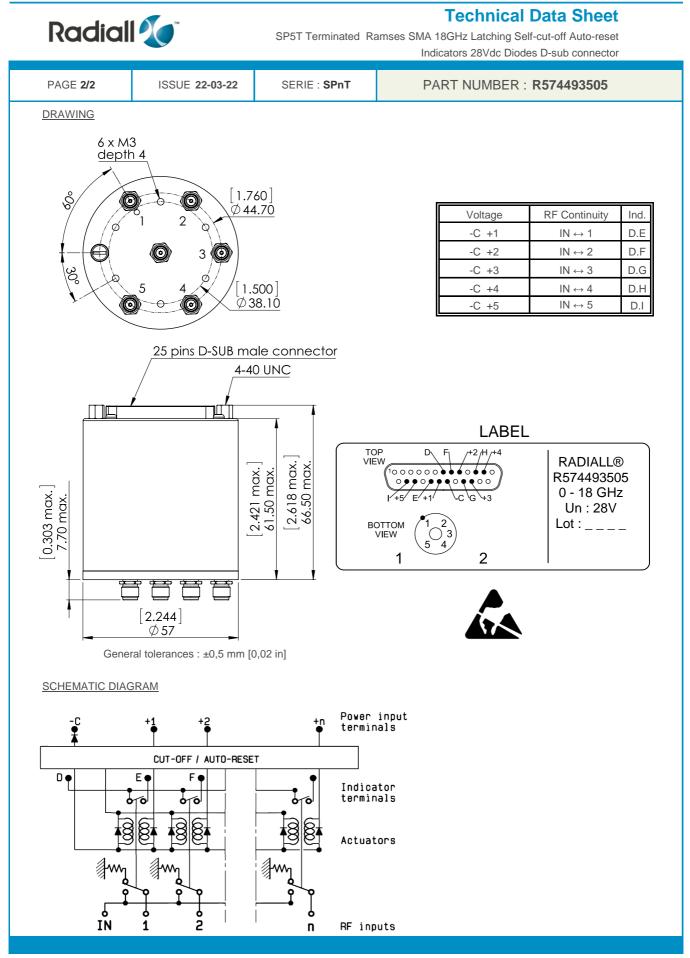


Technical Data Sheet

SP5T Terminated Ramses SMA 18GHz Latching Self-cut-off Auto-reset Indicators 28Vdc Diodes D-sub connector

RF CHARACTERISTICS         Number of ways       : 5         Frequency range       : 0 - 18 GHz         Impediance       : 50 Ohms <u>Structure of Control of Contro of Contro of Control of Control of Control of Contro of</u>	PAGE 1/2 ISSUE		22-03-22 SERIE : SPnT		PART NUMBER : <b>R574493505</b>				
<text></text>	RF CHAR	ACTERIS	STICS						
Impedance       : 50 Ohms         Impedance       : 00 Ohd         Impedance       : 50 Ohms         Impedance       : 00 Ohd         Impedance       : 50 Ohms         Impedance	Nur	mber of wa	ays		:	5			
Image: A start of the sta					:	0 - 18 GHz			
<u>bwinder max</u> 1,20       1,30       1,40       1,50 <u>heserition loss max</u> 0.20 dB       0.30 dB       0.40 dB       0.50 dB <u>koverage power (')</u> 240 w       150 w       100 w         TERMINATION IMPEDANCE       ::::::::::::::::::::::::::::::::::::	Imp	bedance			:	50 Ohms			
<u>VSWR max</u> 1,20       1,30       1,40       1,50 <u>Insertion loss max</u> 0.20 dB       0.30 dB       0.40 dB       0.50 dB <u>Isolation min</u> <u>80 dB</u> 70 dB       60 dB       60 dB <u>Average power (')</u> 240 w       150 w       100 w         TERMINATION IMPEDANCE       ::       50 dbms         ELECTRICAL CHARACTERISTICS         Actuator       :       :       12 W varage power         Moninal current **       :       :       :         Actuator voltage (Voc)       :       :       :       :         Meinal current **       :       :       :       :       :         Mideator rating       :       :       :       :       :       :       :         Mideator rating       :       :       :       :       :       :       :       :       :       :       :       :       :       : </td <td>Fre</td> <td>quency (C</td> <td>GHz)</td> <td>DC - 3</td> <td>3 - 8</td> <td>8 - 12.4</td> <td>12.4 - 18</td> <td></td>	Fre	quency (C	GHz)	DC - 3	3 - 8	8 - 12.4	12.4 - 18		
Isolation min       80 dB       70 dB       60 dB       60 dB         Average power (*)       240 W       150 W       120 W       100 W         TERMINATION IMPEDANCE       :: 50 Ohms         TERM. AVG. POWER AT 25° C       :: 1 W per termination / 3 W total power         ELECTRICAL CHARACTERISTICS         Actuator       :: LATCHING         Nominal current **       ::: 375 mA         Actuator voltage (Vcc)       ::: 28V (24 to 30V) / NEGATIVE COMMON         Terminals       ::: 25 pins D-SUB male connector         Indicator rating       ::: 1 W / 30 V / 100 mA         Self cut-off time       :: 40 ms < CT < 120 ms			,	1,20	1,30	1,40	1,50		
Image power (*)       240 W       150 W       120 W       100 W         TERMINATION IMPEDANCE       :: 50 Ohms         TERM. AVG. POWER AT 25° C       :: 1 W per termination / 3 W total power         ELECTRICAL CHARACTERISTICS         Actuator       :: LATCHING         Nominal current **       :: 375 mA         Actuator voltage (Vcc)       ::: 28V (24 to 30V) / NEGATIVE COMMON         Terminals       ::: 25 pins DSUB male connector         Indicator rating       ::: 1 W / 30 V / 100 mA         Self cut-off time       ::: 40 ms < CT < 120 ms	Inse	ertion loss	s max	0.20 dB	0.30 dB	0.40 dB	0.50 dB		
TERMINATION IMPEDANCE       :: 50 Ohms         TERM. AVG. POWER AT 25° C       :: 1 W per termination / 3 W total power         ELECTRICAL CHARACTERISTICS         Actuator       :: LATCHING         Nominal current **       :: 375 mA         Actuator voltage (Vcc)       ::: 28V (24 to 30V) / NEGATIVE COMMON         Terminals       ::: 25 pins D-SUB male connector         Indicator rating       ::: 1 W / 30 V / 100 mA         Self cut-off time       :: 40 ms < CT < 120 ms				80 dB	70 dB	60 dB	60 dB		
TERM. AVG. POWER AT 25° C       1 W per termination / 3 W total power         ELECTRICAL CHARACTERISTICS         Actuator       1 K J 375 mA         Actuator voltage (Vcc)       28V (24 to 30V) / NEGATIVE COMMON         Terminals       25 pins D-SUB male connector         Idea to rating       1 W / 30 V / 100 mA         Self cut-off time       40 ms < CT < 120 ms	Ave	erage pow	ver (*)	240 W	150 W	120 W	100 W		
TERM. AVG. POWER AT 25° C       1 W per termination / 3 W total power         ELECTRICAL CHARACTERISTICS         Actuator       1 K J 375 mA         Actuator voltage (Vcc)       28V (24 to 30V) / NEGATIVE COMMON         Terminals       25 pins D-SUB male connector         Idea to rating       1 W / 30 V / 100 mA         Self cut-off time       40 ms < CT < 120 ms	тс					50 Ohme			
ELECTRICAL CHARACTERISTICS         Actuator       :: LATCHING         Nominal current **       :: 375 mA         Actuator voltage (Vcc)       :: 28V (24 to 30V) / NEGATIVE COMMON         Terminals       :: 25 pins D-SUB male connector         Indicator rating       :: 1 W / 30 V / 100 mA         Self cut-off time       :: 40 ms < CT < 120 ms							nination / 3	W total nower	
Actuator       : LATCHING         Nominal current **       : 375 mA         Actuator voltage (Vcc)       : 28V (24 to 30V) / NEGATIVE COMMON         Terminals       : 25 pins D-SUB male connector         Indicator rating       : 1 W / 30 V / 100 mA         Self cut-off time       : 40 ms < CT < 120 ms	1 - 1	NNI. AVO.		25 0		i w per teri			
Actuator       :: LATCHING         Nominal current **       :: 375 mA         Actuator voltage (Vcc)       :: 28V (24 to 30V) / NEGATIVE COMMON         Terminals       :: 25 pins D-SUB male connector         Indicator rating       :: 1 W / 30 V / 100 mA         Self cut-off time       :: 40 ms < CT < 120 ms									
Nominal current **       2375 mA         Actuator voltage (Vcc)       228V (24 to 30V) / NEGATIVE COMMON         Terminals       25 pins D-SUB male connector         Indicator rating       1 W / 30 V / 100 mA         Self cut-off time       240 ms < CT < 120 ms	ELECTRIC	CAL CHA	RACTERIST	ICS					
Nominal current **       2375 mA         Actuator voltage (Vcc)       228V (24 to 30V) / NEGATIVE COMMON         Terminals       25 pins D-SUB male connector         Indicator rating       1 W / 30 V / 100 mA         Self cut-off time       240 ms < CT < 120 ms	A								
Actuator voltage (Vcc)       : 28V (24 to 30V) / NEGATIVE COMMON         Terminals       : 25 pins D-SUB male connector         Indicator rating       : 1 W / 30 V / 100 mA         Self cut-off time       : 40 ms < CT < 120 ms			ont **		-				
Terminals       : 25 pins D-SUB male connector         Indicator rating       : 1 W / 30 V / 100 mA         Self cut-off time       : 40 ms < CT < 120 ms							0V) / NEGAT		
Indicator rating : 1 W / 30 V / 100 mA Self cut-off time : 40 ms < CT < 120 ms MECHANICAL CHARACTERISTICS Connectors : SMA female per MIL-C 39012 Life : 2 million cycles per position Switching Time*** : < 40 ms Construction : Splashproof Weight : < 250 g ENVIRONMENTAL CHARACTERISTICS Operating temperature range : -40°C to +85°C Storage temperature range : -55°C to +85°C (* Average power at 25°C per RF Path) (* At 25° C ±10%)			uge (100)						
Self cut-off time       : 40 ms < CT < 120 ms			na			-			
MECHANICAL CHARACTERISTICS         Connectors       : SMA female per MIL-C 39012         Life       : 2 million cycles per position         Switching Time***       : < 40 ms			•						
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Life : 2 million cycles per position Switching Time*** : < 40 ms Construction : Splashproof Weight : < 250 g ENVIRONMENTAL CHARACTERISTICS Operating temperature range : -40°C to +85°C Storage temperature range : -55°C to +85°C (* Average power at 25°C per RF Path) (** At 25° C ±10%)	Cor	nnectors			:	SMA female	e per MIL-C 3	39012	
Switching Time***       : < 40 ms									
Construction : Splashproof   Weight : < 250 g			ne***			-	1.		
Weight       : < 250 g		-					f		
Operating temperature range       : -40°C to +85°C         Storage temperature range       : -55°C to +85°C         (*       Average power at 25°C per RF Path)         (**       At 25° C ±10%)	Weight								
Operating temperature range       : -40°C to +85°C         Storage temperature range       : -55°C to +85°C         (*       Average power at 25°C per RF Path)         (**       At 25°C ±10%)									
Operating temperature range       : -40°C to +85°C         Storage temperature range       : -55°C to +85°C         (*       Average power at 25°C per RF Path)         (**       At 25°C ±10%)	ENVIRON	IMENTAL	CHARACTE	RISTICS					
(*       Average power at 25°C per RF Path)         (**       At 25° C ±10%)									
(* Average power at 25°C per RF Path) (** At 25° C ±10%)					:				
(* Average power at 25°C per RF Path) (** At 25° C ±10%)	Sto	rage temp	perature rang	le	:	-55°C to +85	5°C	OOHO	
(** At 25° C ±10%)									
(** At 25° C ±10%)	(* A		or at 2500 -	or DE Doth)					
				ei kr Path)					
								MPLIAT	
	( INOP	ninai volta	aye ; 25° C)						

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