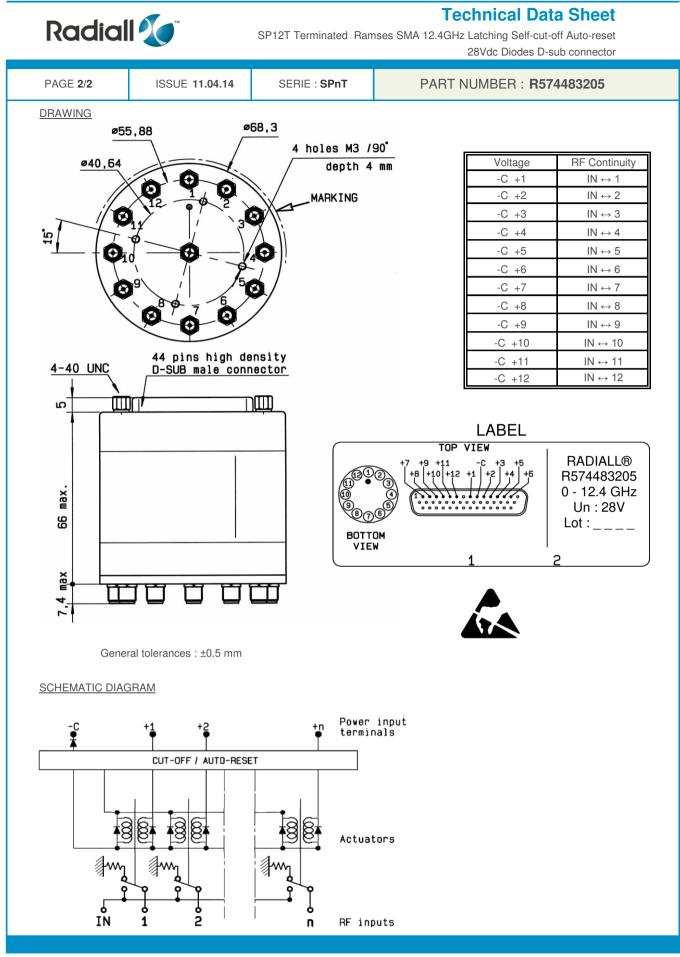


Technical Data Sheet

SP12T Terminated Ramses SMA 12.4GHz Latching Self-cut-off Auto-reset 28Vdc Diodes D-sub connector

SP CHARACTERISTICS Mumber of ways :: 12 Prequency range :: 0 Ohms Structure :: 0 Ohms Structure :: 0 Obms Structure :: 0 Obms Tequency (GHz) :: 0 O 1.40 1.20 :: 0 Add 0.60 isolation min :: 0 O 0 0.60 isolation min :: 0 O 0 0.60 Average power (*) :: 2 0 0 0.60 Average power (*) :: 2 0 0 0.60 Average power (*) :: 2 0 0 0.60 Structure :: 1 W per termination / 3 W total power CECETRICAL CHARACTERISTICS :: Attractor Actuator ::: 2 000 0.00 Actuator voltage (Vcc) ::: 2 0.00 Connectors ::: 2 0.000.000 Self cut-oft time Setting Time*** Construction Switching Time*** Construction Construction Construction Construction Construction <					28Vac Diodes D-sub connector	
<text><text></text></text>	PAGE 1/2	GE 1/2 ISSUE 11.04.14 SE		∃ : SPnT	PART NUMBER : R574483205	
<text><text></text></text>	RF CHARACTEF	ISTICS				
<text> Frequency (GHz) DC - 3 3 8 6 - 12.4 SWR max 1,20 1,40 1,60 heading 0.20 db 0.40 db 0.60 dB baction nin 0.40 db 0.60 dB 0.60 dB baction nin 0.00 db 0.60 dB 0.60 dB baction nin 0.60 dB 0.60 dB 0.60 dB contact cover not settion 2.00 dB 0.60 0V/1 NEGATIVE COMMO. contactors SMA female per MIL-C 39012 Mile 1 0.60 0V/1 NEGATIVE COMMO. construction<td></td><td></td><td></td><td></td><td></td></text>						
Impedance : 50 Ohms Impedance : 50 Ohms Impedance : 50 Ohms Impedance : 1,20 : 1,40 : 1,60 Impedance : 1,20 : 1,40 : 1,60 Impedance : 60 Ohms : 60 Ohms Common : 1mm : 60 Ohms : 60 Ohms Mininal current ** : 600 mB : 600 mS Mininal current ** : 200 MS / 160 SUB male connector Carminals : 200 WIG vol yo KIGATIVE COMMON Mininal Current ** : 200 WIG vol yo KIGATIVE COMMON Carmetors : SMA female per MIL-C 300 fs Wight : 200 WIG vol yo KIGATIVE COMON Wight : 400 g WIGHTON	Number of	ways		: 12		
Frequency (GH2) DC-3 3 - 8 6 - 12.4 VSWR max 1.20 1.40 1.60 VSWR max 0.20 dB 0.40 dB 6.00 dB Isolation min 2.00 w1 150 w1 120 w1 1.20 w1 TERMINATION IMPEDANCE E.S0 Ohms E.M. AVG. POWER AT 25° C T. 1 W per termination / 3 W total power CECETCICAL CHARACTERISTICS March M				: 0 - 12.4 GHz		
VSWR max 1,20 1,40 1,60 Insertion loss max 0.20 dB 0.40 dB 0.60 dB Isolation min 80 dB 70 dB 60 dB Average power (*) 240 W 150 W 120 W TERMINATION IMPEDANCE ::::::::::::::::::::::::::::::::::::	Impedance			: 50 Ohms		
VSWR max 1,20 1,40 1,60 Insertion loss max 0.20 dB 0.40 dB 0.60 dB Isolation min 80 dB 70 dB 60 dB Average power (*) 240 W 150 W 120 W TERMINATION IMPEDANCE ::::::::::::::::::::::::::::::::::::					l	
Insertion loss max 0.20 dB 0.40 dB 0.60 dB isolation min 80 dB 70 dB 60 dB Average power (*) 240 w 150 W 120 w TERMINATION IMPEDANCE ::::::::::::::::::::::::::::::::::::		, , , , , , , , , , , , , , , , , , , ,				
Isolation min 80 dB 70 dB 60 dB Average power (*) 240 W 150 W 120 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 ** :: 500 mA Actuator voltage (Voc) ::: 28V (24 to 30V) / NEGATIVE COMMON Terminals ::: 40 ms < CT < 120 ms						
Average power (*) 240 W 150 W 120 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 ** :: 500 mA Actuator voltage (Vcc) :: 28V (24 to 30V) / NEGATIVE COMMON Terminals ::: 44 pins D-SUB male connector Self cut-off time :: 40 ms < CT < 120 ms						
TERMINATION IMPEDANCE : 50 Ohms TERM. AVG. POWER AT 25° C : 1 W per termination / 3 W total power ELECTRICAL CHARACTERISTICS Actuator : LATCHING Mominal current ** : 500 mA Actuator voltage (Vcc) :: 28V (24 to 30V) / NEGATIVE COMMON Terminals :: 440 ins D-SUB male connector Self cut-off time : 40 ms < CT < 120 ms						
TERM. AVG. POWER AT 25° C : 1 W per termination / 3 W total power ELECTRICAL CHARACTERISTICS Actuator : LATCHING Nominal current ** : 500 mA Actuator voltage (Vcc) : 28V (24 to 30V) / NEGATIVE COMMON Terminals :: 44 pins D-SUB male connector Self cut-off time : 40 ms < CT < 120 ms	riverage pe			120 11		
ELECTRICAL CHARACTERISTICS Actuator : LATCHING Nominal current ** : 500 mA Actuator voltage (Vcc) : 28V (24 to 30V) / NEGATIVE COMMON Terminals :: 44 pins D-SUB male connector Self cut-off time : 40 ms < CT < 120 ms	TERMINA	ION IMPEDANCE		: 50 Ohms		
ELECTRICAL CHARACTERISTICS Actuator : LATCHING Mominal current ** : 500 mA Actuator voltage (Voc) : 28V (24 to 30V) / NEGATIVE COMMON Terminals :: 44 pins D-SUB male connector Self cut-off time : 40 ms < CT < 120 ms	TERM. AV	G. POWER AT 25° C		: 1 W per terr	nination / 3 W total power	
Actuator : LATCHING Nominal current ** : 500 mA Actuator voltage (Vcc) : 28V (24 to 30V) / NEGATIVE COMMON Terminals : 44 pins D-SUB male connector Self cut-off time : 40 ms < CT < 120 ms				-	-	
Actuator : LATCHING Nominal current ** : 500 mA Actuator voltage (Vcc) : 28V (24 to 30V) / NEGATIVE COMMON Terminals : 44 pins D-SUB male connector Self cut-off time : 40 ms < CT < 120 ms						
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Nominal current ** ::500 mA Actuator voltage (Vcc) :28V (24 to 30V) / NEGATIVE COMMON Terminals :44 pins D-SUB male connector Self cut-off time :40 ms < CT < 120 ms						
Actuator voltage (Vcc) : 28V (24 to 30V) / NEGATIVE COMMON Terminals : 44 pins D-SUB male connector Self cut-off time : 40 ms < CT < 120 ms						
Terminals : 44 pins D-SUB male connector Self cut-off time : 40 ms < CT < 120 ms						
Self cut-off time : 40 ms < CT < 120 ms						
MECHANICAL CHARACTERISTICS Connectors : SMA female per MIL-C 39012 Life : 2.000.000 cycles per position Switching Time*** : < 50 ms				-		
Connectors : SMA female per MIL-C 39012 Life : 2.000.000 cycles per position Switching Time*** : < 50 ms Construction : Splashproof Weight : < 400 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%)						
Connectors : SMA female per MIL-C 39012 Life : 2.000.000 cycles per position Switching Time*** : < 50 ms Construction : Splashproof Weight : < 400 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%)						
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Life : 2.000.000 cycles per position Switching Time*** : < 50 ms Construction : Splashproof Weight : < 400 g ENVIRONMENTAL CHARACTERISTICS Operating temperature range : -40°C to +85°C Storage temperature range : -55°C to +85°C Storage temperature range : -55°C to +85°C * Average power at 25°C per RF Path) * At 25° C ±10%)	Connectors	3	: SMA female		per MIL-C 39012	
Construction : Splashproof Weight : < 400 g	Life		: 2.000.000 cycle		cles per position	
Weight : < 400 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%	Switching -	Time***				
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%)					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			∶ < 400 g		
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%)			2			
 Storage temperature range : -55°C to +85°C * Average power at 25°C per RF Path) ** At 25° C ±10%) 			<u>,</u>			
 Storage temperature range : -55°C to +85°C * Average power at 25°C per RF Path) ** At 25° C ±10%) 	Operating	emperature range		: -40°C to +85	°C	
 * Average power at 25°C per RF Path) ** At 25° C ±10%) 						
** At 25° C ±10%)		. 0-			ROHS	
** At 25° C ±10%)						
MDI \r			th)			
*** Nominal voltage ; 25° C)		,			OMDILA	
	(*** Nominal vo	ltage ; 25° C)				

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