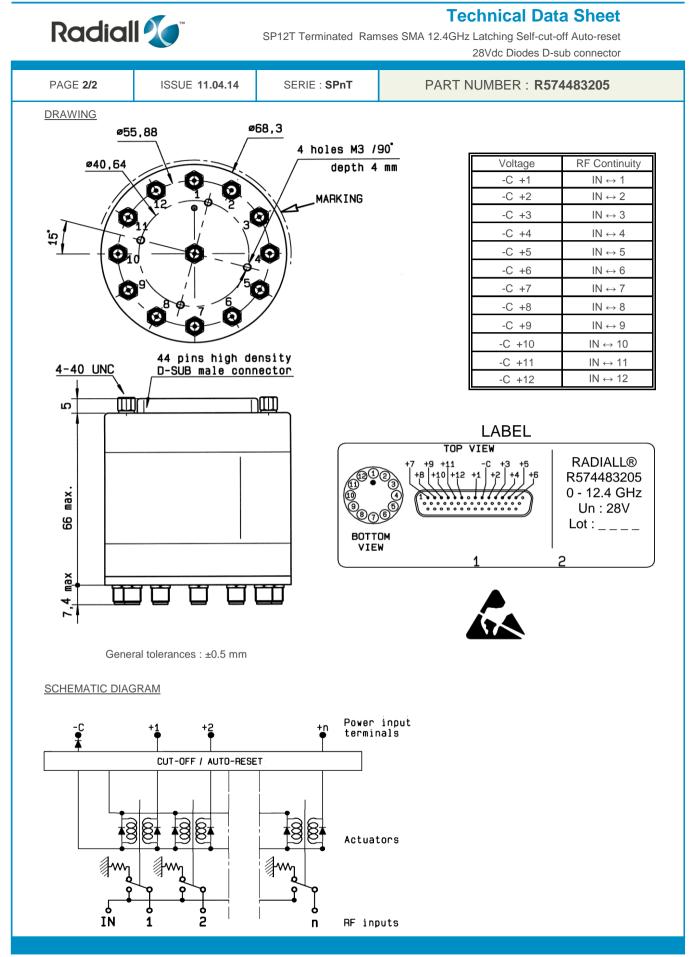


Technical Data Sheet

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

(** At 25° C ±10%)								ovao Bioaco B	Sub connector	
<text><text><text><text><text><text><text><text><text><text></text></text></text></text></text></text></text></text></text></text>	PAGE	1/2	ISSUE	11.04.14	SERIE	: SPnT	PART NU	JMBER : R5	74483205	
<text><text><text><text><text><text><text><text><text><text></text></text></text></text></text></text></text></text></text></text>	RF CHA		TICS							
<text></text>	101 011/		1100							
Impedance: 50 OhmsImpedance <td>N</td> <td>lumber of wa</td> <td>ays</td> <td></td> <td>:</td> <td>12</td> <td></td> <td></td> <td></td>	N	lumber of wa	ays		:	12				
Image of the synthesis of the synthesyntex of the synthesis of the synthesis of the synthesis				: 0 - 12.4 GHz						
VSWR max 1,20 1,40 1,60 Insertion loss max 0,20 dB 0,40 dB 0,60 dB Bodation min 80 dB 70 dB 60 dB Mverage power (*) 240 W 150 W 120 W TERMINATION IMPEDANCE ::::::::::::::::::::::::::::::::::::	Ir	mpedance			:	50 Ohms				
VSWR max 1,20 1,40 1,60 Insertion loss max 0,20 dB 0,40 dB 0,60 dB Bodation min 80 dB 70 dB 60 dB Mverage power (*) 240 W 150 W 120 W TERMINATION IMPEDANCE ::::::::::::::::::::::::::::::::::::										
Insertion loss max 0.20 dB 0.40 dB 0.60 dB isolation min 80 dB 70 dB 60 dB isolation min 150 W 150 W 120 W construction current ** 50 om M Actuator voltage (Vcc) 28V (24 to 30V) / NEGATIVE COMMON Terminals 28V (24 to 30V) / NEGATIVE COMMON Terminals 280 mm c CT < 120 ms	F	requency (C	GHz)	DC - 3	3 - 8	8 - 12.4				
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 volto ::: 28V (24 to 30V) / NEGATIVE COMMON Terminals ::: 28V (24 to 30V) / NEGATIVE COMMON Terminals ::: 28V (24 to 30V) / NEGATIVE COMMON Terminals ::: 44 pins D-SUB male connector Self out-off time MECHANICAL CHARACTERISTICS :: 2000.000 cycles per position Switching Time*** Construction : Splashproof Weight ENVIRONMENTAL CHARACTERISTICS Operating temperature range Storage temperature range (' Average power at 25°C per RF Path) (* At 25° C ± 10%) : : : : : : : : : : : : : : : : : : :	V			1,20	1,40	1,60				
Image 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	Ir			0.20 dB	0.40 dB	0.60 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 ** : 500 mA Actuator voltage (Vcc) :: 28V (24 to 30V) / NEGATIVE COMMON Terminals :: 440 pins D-SUB male connector Self cut-off time : 40 ms < CT < 120 ms	Is	Isolation min		80 dB	70 dB	60 dB				
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 : 44 pins D-SUB male connector Self cut-off time : 40 ms < CT < 120 ms	A	verage pow	er (*)	240 W	150 W	120 W				
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 : 44 pins D-SUB male connector Self cut-off time : 40 ms < CT < 120 ms										
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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	Т	ERM. AVG.	POWER AT	Г 25° С	:	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										
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	ELECT	RICAL CHA	RACTERIST	ICS						
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 <td:40 120="" <="" ct="" ms="" ms<="" td=""> MECHANICAL CHARACTERISTICS Connectors : SMA female per MIL-C 39012 Life : 2.000.000 cycles per position Switching Time*** : < 50 ms</td:40>										
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	0		lic			40 1113 < 01	< 120 113			
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	MECHA	NICAL CHA	RACTERIS	TICS						
Life 2.000.000 cycles per position Switching Time*** 2 < 50 ms Construction 2 Splashproof Weight 2 < 400 g ENVIRONMENTAL CHARACTERISTICS Operating temperature range 2 -40°C to +85°C Storage temperature range 2 -55°C to +85°C Storage temperature range 2 -55°C to +85°C (* Average power at 25°C per RF Path) (* At 25° C ±10%)										
Life 2.000.000 cycles per position Switching Time*** < 50 ms	С	Connectors			:	SMA female	per MIL-C 39012			
Switching Time*** : < 50 ms	L									
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%)	S	Switching Time***			:	< 50 ms				
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%)	С	Construction			:	Splashproo	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%)	V	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%)										
Storage temperature range : -55°C to +85°C (* Average power at 25°C per RF Path) (** At 25° C ±10%)	ENVIRO	ONMENTAL	CHARACTE	RISTICS						
Storage temperature range : -55°C to +85°C (* Average power at 25°C per RF Path) (** At 25° C ±10%)	-					4000 ·				
(* Average power at 25°C per RF Path) (** At 25° C ±10%)				-						
(* Average power at 25°C per RF Path) (** At 25° C ±10%)	S	storage temp	perature rang	Je		-55 C to +85		RO	HS	
(** At 25° C ±10%)										
(** At 25° C ±10%)	(* A	verage now	er at 25°C n	er RF Path)						
								CO.	– (2)	
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