

Technical Data Sheet

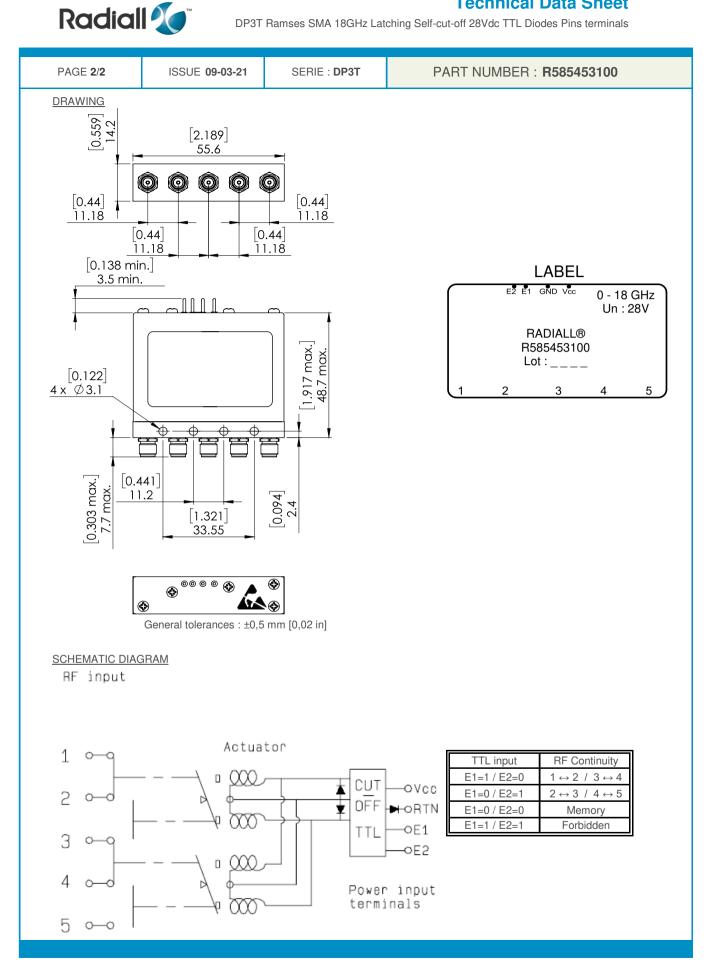
DP3T Ramses SMA 18GHz Latching Self-cut-off 28Vdc TTL Diodes Pins terminals

<section-header><text><text><text><text><text><text><text><text><text><text><text></text></text></text></text></text></text></text></text></text></text></text></section-header>	PAGE 1/2	ISSUE 09-03-21	SERIE	SERIE : DP3T		PART NUMBER : R585453100	
<text></text>		STICS					
Impedance : 50 Ohms Impedance	<u>HI CHARACTERI</u>	51105					
Image: A start of the sta	Frequency r	ange	:	0 - 18 GHz			
WWR max 1.20 1.30 1.40 1.50 Insertion loss max 0.20 dB 0.30 dB 0.40 dB 0.50 dB Isolation min 80 dB 70 dB 60 dB 60 dB Average power (') 240 W 150 W 120 W 100 W ELECTRICAL CHARACTERISTICS Actuator :: LATCHING Nominal current ** :: 100 mA Actuator voltage (Voc) :: 280 (24 to 30V) Terminals :: solder pins (250°C max. / 30 sec.) Self cut-oft time :: solder pins (250°C max. / 30 sec.) Self cut-oft time :: solder pins (250°C max. / 30 sec.) Self cut-oft time :: solder pins (250°C max. / 30 sec.) Self cut-oft time :: solder pins (250°C max. / 30 sec.) : : : : : : : : : : : : : : :	Impedance		:	50 Ohms			
WWR max 1.20 1.30 1.40 1.50 Insertion loss max 0.20 dB 0.30 dB 0.40 dB 0.50 dB Isolation min 80 dB 70 dB 60 dB 60 dB Average power (') 240 W 150 W 120 W 100 W ELECTRICAL CHARACTERISTICS Actuator :: LATCHING Nominal current ** :: 100 mA Actuator voltage (Voc) :: 280 (24 to 30V) Terminals :: solder pins (250°C max. / 30 sec.) Self cut-oft time :: solder pins (250°C max. / 30 sec.) Self cut-oft time :: solder pins (250°C max. / 30 sec.) Self cut-oft time :: solder pins (250°C max. / 30 sec.) Self cut-oft time :: solder pins (250°C max. / 30 sec.) : : : : : : : : : : : : : : :	1						
Insertion loss max 0.20 dB 0.30 dB 0.40 dB 0.50 dB 60 dB 6		/					
Image power (*) 240 W 150 W 120 W 100 W ELECTRICAL CHARACTERISTICS Actuator :: LATCHING Nominal current ** :: 100 mA Actuator voltage (Vcc) :: 280 (24 to 30V) Terminals :: solder pins (250°C max. / 30 sec.) Self cut-off time : 40 ms < CT < 120 ms							
Average power (') 240 W 150 W 120 W 100 W ELECTRICAL CHARACTERISTICS Actuator :: LATCHING Nominal current ** :: 160 mA Actuator voltage (Vcc) :: 28V (24 to 30V) Terminals :: solder pins (250°C max. / 30 sec.) Self cut-off time :: 40 ms < CT < 120 ms							
ELECTRICAL CHARACTERISTICS Actuator :: LATCHING Nominal current ** :: 160 mA Actuator voltage (Voc) :: 28V (24 to 30V) Terminals :: solder pins (250°C max. / 30 sec.) Self cut-off time :: 40 ms < CT < 120 ms							
Actuator : LATCHING Nominal current ** : 160 mA Actuator voltage (Voc) : 28V (24 to 30V) Terminals : solder pins (250°C max. / 30 sec.) Sef cut-off time : 40 ms < CT < 120 ms	Average por		150 W	120 W	100 W		
Actuator : LATCHING Nominal current ** : 160 mA Actuator voltage (Voc) : 28V (24 to 30V) Terminals : solder pins (250°C max. / 30 sec.) Sef cut-off time : 40 ms < CT < 120 ms							
Actuator : LATCHING Nominal current ** : 160 mA Actuator voltage (Voc) : 28V (24 to 30V) Terminals : solder pins (250°C max. / 30 sec.) Sef cut-off time : 40 ms < CT < 120 ms	ELECTRICAL CHA	RACTERISTICS					
Nominal current ** : 160 mA Actuator voltage (Vcc) : 28V (24 to 30V) Terminals : solder pins (250°C max. / 30 sec.) 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 CHARACTERISTICS MECHANICAL CHARACTERISTICS Connectors : SMA female per MIL-C 39012 Life : 10 million cycles Switching Time*** : < 10 ms Construction : Splashproof Weight : < 100 g ENVIRONMENTAL CHARACTERISTICS (* Average power at 25°C per RF Path) (* At 25° C ±10%)							
Actuator voltage (Vcc) : 28V (24 to 30V) Terminals : solder pins (250°C max. / 30 sec.) Self cut-off time : 40 ms < CT < 120 ms	Actuator		:	LATCHING			
Terminals : solder pins (250°C max. / 30 sec.) Self cut-off time : 40 ms < CT < 120 ms	Nominal current **		:	160 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 CHARACTERISTICS Connectors : SMA female per MIL-C 39012 Life : 10 million cycles Switching Time*** : < 10 ms Construction : Splashproof Weight : < 100 g ENVIRONMENTAL CHARACTERISTICS (* Average power at 25°C per RF Path) (* At 25° C ±10%)		tage (Vcc)		: 28V (24 to 30V)			
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 CHARACTERISTICS Connectors : SMA female per MIL-C 39012 Life : 10 million cycles Switching Time*** : < 10 ms							
- Low level : 0 to 0.8 V / 20μA at 0.8 V MECHANICAL CHARACTERISTICS Connectors : SMA female per MIL-C 39012 Life : 10 million cycles Switching Time*** : < 10 ms Construction : Splashproof Weight : < 100 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%)							
MECHANICAL CHARACTERISTICS Connectors : SMA female per MIL-C 39012 Life : 10 million cycles Switching Time*** : < 10 ms	I I L Inputs (
Connectors : SMA female per MIL-C 39012 Life : 10 million cycles Switching Time*** : < 10 ms				0100.0 • / /	20μΑ αι 0.0 ν		
Connectors : SMA female per MIL-C 39012 Life : 10 million cycles Switching Time*** : < 10 ms Construction : Splashproof Weight : < 100 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 : 10 million cycles Switching Time*** : < 10 ms	MECHANICAL CH	ARACTERISTICS					
Life : 10 million cycles Switching Time*** : < 10 ms							
Switching Time*** : < 10 ms	Connectors		:	SMA female	e per MIL-C 3	39012	
Construction : Splashproof Weight : < 100 g			:	10 million c	ycles		
Weight : < 100 g	Switching Ti	:	< 10 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%)					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		:	< 100 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%)							
Storage temperature range : -55°C to +85°C (* Average power at 25°C per RF Path) (** At 25° C ±10%)	ENVIRONMENTAL	_ CHARACTERISTICS					
Storage temperature range : -55°C to +85°C (* Average power at 25°C per RF Path) (** At 25° C ±10%)	Operating to	mperature range		-40°C to ±84	5°C		
(* Average power at 25°C per RF Path) (** At 25° C ±10%)							
(** At 25° C ±10%)					-	ROHS	
(** At 25° C ±10%)							
			ר)				
(*** Nominal voltage ; 25° C)	,	,				OMPLIA	
	(*** Nominal volt	age ; 25° C)				TLU	

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.

Technical Data Sheet

DP3T Ramses SMA 18GHz Latching Self-cut-off 28Vdc TTL Diodes Pins terminals



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.