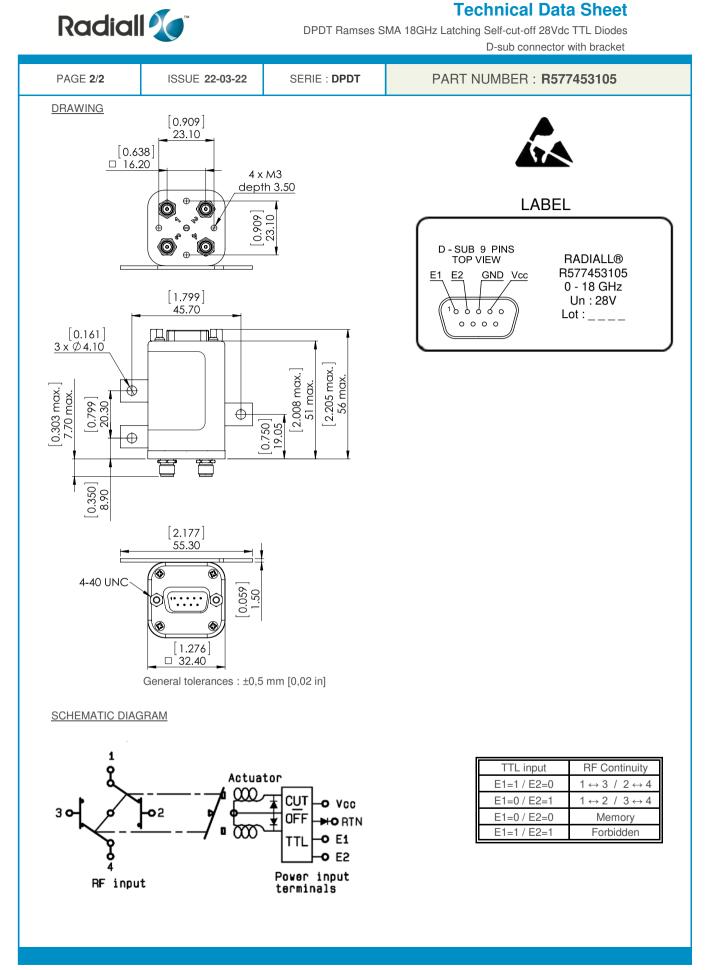


Technical Data Sheet

DPDT Ramses SMA 18GHz Latching Self-cut-off 28Vdc TTL Diodes D-sub connector with bracket

PAGE 1/2	ISSUE 2	22-03-22	SERIE	: DPDT	PA	RT NUMBER : R5 7	77453105
RF CHARACTER	STICS						
Frequency r	ange		:	0 - 18 GHz			
Impedance		: 50 Ohms					
Frequency (GHz)	DC - 3	3 - 8	8 - 12.4	12.4 - 18		
VSWR max		1.20	1.30	1.40	1.50		
Insertion los	is max	0.20 dB	0.30 dB	0.40 dB	0.50 dB		
Isolation mir	n	80 dB	70 dB	65 dB	60 dB		
Average pov	wer (*)	240 W	150 W	120 W	100 W		
ELECTRICAL CHA		CS					
Actuator				LATCHING			
Nominal cur				125 mA			
Actuator vol	tage (Vcc)			28V (24 to 3	•		
Terminals				-	B male conr	ector	
Self cut-off t				40 ms < CT			
	E) Lliabl	evel	:	2.2 to 5.5 V	/ 800µA at 5.	5 V	
TTL inputs (
TTL inputs (- Low le				20µA at 0.8 V		
TTL inputs (20µA at 0.8 V		
	- Low le	evel			20µA at 0.8 V		
TTL inputs (- Low le	evel			20µA at 0.8 V		
MECHANICAL CH	- Low le	evel	:	0 to 0.8 V / 2			
MECHANICAL CH Connectors	- Low le	evel	:	0 to 0.8 V / 2 SMA female	e per MIL-C 3		
MECHANICAL CH Connectors Life	- Low le	evel	:	0 to 0.8 V / 2 SMA female 2.5 million o	e per MIL-C 3		
MECHANICAL CH Connectors Life Switching Ti	- Low le IARACTERIST	evel	: : :	0 to 0.8 V / 2 SMA female 2.5 million o < 15 ms	e per MIL-C 3 cycles		
MECHANICAL CH Connectors Life Switching Ti Constructior	- Low le IARACTERIST	evel	: : : :	0 to 0.8 V / 2 SMA female 2.5 million o < 15 ms Splashproo	e per MIL-C 3 cycles		
MECHANICAL CH Connectors Life Switching Ti	- Low le IARACTERIST	evel	: : : :	0 to 0.8 V / 2 SMA female 2.5 million o < 15 ms	e per MIL-C 3 cycles		
MECHANICAL CH Connectors Life Switching Ti Constructior	- Low le IARACTERIST	evel I <u>CS</u>	: : : :	0 to 0.8 V / 2 SMA female 2.5 million o < 15 ms Splashproo	e per MIL-C 3 cycles		
MECHANICAL CH Connectors Life Switching Ti Constructior Weight ENVIRONMENTA	- Low le	ICS RISTICS	:	0 to 0.8 V / 2 SMA female 2.5 million o < 15 ms Splashproo < 100 g	e per MIL-C 3 cycles f		
MECHANICAL CH Connectors Life Switching Ti Construction Weight ENVIRONMENTA Operating te	- Low le	evel ICS RISTICS ge	:	0 to 0.8 V / 2 SMA female 2.5 million o < 15 ms Splashproo < 100 g	per MIL-C 3 cycles f 5°C		
MECHANICAL CH Connectors Life Switching Ti Construction Weight ENVIRONMENTA Operating te	- Low le	evel ICS RISTICS ge	:	0 to 0.8 V / 2 SMA female 2.5 million o < 15 ms Splashproo < 100 g	per MIL-C 3 cycles f 5°C		18
MECHANICAL CH Connectors Life Switching Ti Construction Weight ENVIRONMENTAL Operating te Storage tem	- Low le	evel ICS RISTICS ge	:	0 to 0.8 V / 2 SMA female 2.5 million o < 15 ms Splashproo < 100 g	per MIL-C 3 cycles f 5°C	9012	3
MECHANICAL CH Connectors Life Switching Ti Construction Weight ENVIRONMENTA Operating te Storage tem	- Low le	evel ICS RISTICS ge	:	0 to 0.8 V / 2 SMA female 2.5 million o < 15 ms Splashproo < 100 g	per MIL-C 3 cycles f 5°C	9012	8
MECHANICAL CH Connectors Life Switching Ti Construction Weight ENVIRONMENTA Operating te Storage tem (* Average pow (** At 25° C ±10	- Low le	evel ICS RISTICS ge	:	0 to 0.8 V / 2 SMA female 2.5 million o < 15 ms Splashproo < 100 g	per MIL-C 3 cycles f 5°C	9012	
MECHANICAL CH Connectors Life Switching Ti Construction Weight ENVIRONMENTA Operating te Storage tem (* Average pow (** At 25° C ±10	- Low le	evel ICS RISTICS ge	:	0 to 0.8 V / 2 SMA female 2.5 million o < 15 ms Splashproo < 100 g	per MIL-C 3 cycles f 5°C	9012	10 - I ANA
MECHANICAL CH Connectors Life Switching Ti Construction Weight ENVIRONMENTA Operating te Storage tem (* Average pow (** At 25° C ±10	- Low le	evel ICS RISTICS ge	:	0 to 0.8 V / 2 SMA female 2.5 million o < 15 ms Splashproo < 100 g	per MIL-C 3 cycles f 5°C	9012	AN INT
MECHANICAL CH Connectors Life Switching Ti Construction Weight ENVIRONMENTA Operating te Storage tem (* Average pow (** At 25° C ±10	- Low le	evel ICS RISTICS ge	:	0 to 0.8 V / 2 SMA female 2.5 million o < 15 ms Splashproo < 100 g	per MIL-C 3 cycles f 5°C	9012	I ANA
MECHANICAL CH Connectors Life Switching Ti Construction Weight ENVIRONMENTA Operating te Storage tem (* Average pow (** At 25° C ±10	- Low le	evel ICS RISTICS ge	:	0 to 0.8 V / 2 SMA female 2.5 million o < 15 ms Splashproo < 100 g	per MIL-C 3 cycles f 5°C	9012	SS . AAA
MECHANICAL CH Connectors Life Switching Ti Construction Weight ENVIRONMENTA Operating te Storage tem (* Average pow (** At 25° C ±10	- Low le	evel ICS RISTICS ge	:	0 to 0.8 V / 2 SMA female 2.5 million o < 15 ms Splashproo < 100 g	per MIL-C 3 cycles f 5°C	9012	I ANT

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.