

Technical Data Sheet

SPDT Terminated Ramses SMA 18GHz Normally open Indicators 12Vdc Internal loads Pins terminals

<section-header> CHARACTERISTICS Frequency range</section-header>	PAGE 1/2 ISSUE 09-0		SERIE ·	SPDT 7C	PART NUMBER : R585482200		
<text></text>		OLIVIE .	SERIE : SPDT ZC		FART NUMBER . RJ0J402200		
<text></text>							
Impedance : 50 Ohms Impedance : 120 1 124 18 Impedance : 120 1 124 18 Impedance : 020 dB 030 dB 0.40 dB 0.50 dB 0.50 dB 0.50 dB 0.40 dB 0.40 dB 0.50 dB 0.40 dB	RF CHARACTERIS	STICS					
Impedance : 50 Ohms Impedance : 120 1 124 18 Impedance : 120 1 124 18 Impedance : 020 dB 030 dB 0.40 dB 0.50 dB 0.50 dB 0.50 dB 0.40 dB 0.40 dB 0.50 dB 0.40 dB	Frequency ra	ange	:	0 - 18 GHz			
VSWR 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							
VSWR 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							
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 60 dB Average power (') 240 W 150 W 120 W 100 W ECTRICAL CHARACTERISTICS Actuator :: NORMALLY OPEN Nominal current ** :: 250 mA Actuator voltage (Voc) :: 12V (10.2 to 13V) / NEGATIVE COMMON Terminals ::: solder pins (250°C max. / 30 sec.) Indicator rating :: 1 W / 30 V / 100 mA ECHANICAL CHARACTERISTICS Connectors :: SMA female per MIL-C 39012 Life :: 2 million cycles Switching Time*** :: < 10 ms	Frequency (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 ECTRICAL CHARACTERISTICS Actuator : NORMALLY OPEN Nominal current ** :: 250 mA Actuator voltage (Voc) :: 12V (10.2 to 13V) / NEGATIVE COMMON Terminals :: solder pins (250°C max. / 30 sec.) Indicator rating :: 1 W / 30 V / 100 mA ECHANICAL CHARACTERISTICS : SMA female per MIL-C 39012 Life :: 2 million cycles Switching Time*** :: < 10 ms							
Average power (') 240 W 150 W 120 W 100 W ECTRICAL CHARACTERISTICS Actuator : NORMALLY OPEN Nominal current ** : 250 mA Actuator voltage (Vcc) : 12V (10.2 to 13V) / NEGATIVE COMMON Terminals : solder pins (250°C max. / 30 sec.) Indicator rating : 1 W / 30 V / 100 mA ECHANICAL CHARACTERISTICS Connectors : SMA female per MIL-C 39012 Life : 2 million cycles Switching Time*** : < 10 ms							
ECTRICAL CHARACTERISTICS Actuator ::::::::::::::::::::::::::::::::::::			-				
Actuator : NORMALLY OPEN Nominal current ** : 250 mA Actuator voltage (Vcc) : 12V (10.2 to 13V) / NEGATIVE COMMON Terminals : solder pins (250°C max. / 30 sec.): Indicator rating : 1 W / 30 V / 100 mA ECHANICAL CHARACTERISTICS Connectors : SMA female per MIL-C 39012 Life : 2 million cycles Switching Time*** : < 10 ms	Average pow	ver (*) 240 vv	150 W	120 W	100 W		
Actuator : NORMALLY OPEN Nominal current ** : 250 mA Actuator voltage (Vcc) : 12V (10.2 to 13V) / NEGATIVE COMMON Terminals : solder pins (250°C max. / 30 sec.): Indicator rating : 1 W / 30 V / 100 mA ECHANICAL CHARACTERISTICS Connectors : SMA female per MIL-C 39012 Life : 2 million cycles Switching Time*** : < 10 ms							
Actuator : NORMALLY OPEN Nominal current ** : 250 mA Actuator voltage (Vcc) : 12V (10.2 to 13V) / NEGATIVE COMMON Terminals : solder pins (250°C max. / 30 sec.): Indicator rating : 1 W / 30 V / 100 mA ECHANICAL CHARACTERISTICS Connectors : SMA female per MIL-C 39012 Life : 2 million cycles Switching Time*** : < 10 ms	FLECTRICAL CHA	RACTERISTICS					
Nominal current ** : 250 mA Actuator voltage (Vcc) : 12V (10.2 to 13V) / NEGATIVE COMMON Terminals : solder pins (250°C max. / 30 sec.) Indicator rating : 1 W / 30 V / 100 mA ECHANICAL CHARACTERISTICS Connectors Life : 2 million cycles Switching Time*** : < 10 ms							
Actuator voltage (Vcc) : 12V (10.2 to 13V) / NEGATIVE COMMON Terminals : solder pins (250°C max. / 30 sec.) Indicator rating : 1 W / 30 V / 100 mA ECHANICAL CHARACTERISTICS Connectors : SMA female per MIL-C 39012 Life : 2 million cycles Switching Time*** : < 10 ms	Actuator		:	NORMALLY	OPEN		
Terminals : solder pins (250°C max. / 30 sec.) Indicator rating : 1 W / 30 V / 100 mA ECHANICAL CHARACTERISTICS Connectors : SMA female per MIL-C 39012 Life : 2 million cycles Switching Time*** : < 10 ms	Nominal curr	rent **	:	250 mA			
Indicator rating : 1 W / 30 V / 100 mA ECHANICAL CHARACTERISTICS Connectors : SMA female per MIL-C 39012 Life : 2 million cycles Switching Time*** : < 10 ms		age (Vcc)					
ECHANICAL CHARACTERISTICS Connectors : SMA female per MIL-C 39012 Life : 2 million cycles Switching Time*** : < 10 ms							
Connectors : SMA female per MIL-C 39012 Life : 2 million cycles Switching Time*** : < 10 ms	Indicator rati	:	: 1 W / 30 V / 100 mA				
Weight : < 100 g VVIRONMENTAL 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) A t 25° C ±10%)	Life Switching Ti		:	2 million cy < 10 ms	cles	9012	
NVIRONMENTAL 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	<u>CHARACTERISTICS</u>					
Average power at 25°C per RF Path) At 25° C ±10%)	Operating temperature range		:	-40°C to +8	5°C		
Average power at 25°C per RF Path) At 25° C ±10%)	Storage temperature range		:	-55°C to +8	5°C	2	oHs
* At 25° C ±10%)							
* At 25° C ±10%)	(* Average pow	ver at 25°C per RF Path)					
** Nominal voltage ; 25° C)	(** At 25° C ±10	0%)				ON	ALAN
	(*** Nominal volt	age ; 25° C)				~~1	

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.