Technical Data Sheet



DPDT Ramses SMA 18GHz Failsafe 28Vdc Diodes Pins Terminals

PAGE 1/2 ISSUE 24-11-16 SERIE : DPDT PART NUMBER : R577413032

RF CHARACTERISTICS

Frequency range : 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 loss max	0.20 dB	0.30 dB	0.40 dB	0.50 dB
Isolation min	80 dB	70 dB	65 dB	60 dB
Average power (*)	240 W	150 W	120 W	100 W

ELECTRICAL CHARACTERISTICS

Actuator : FAILSAFE
Nominal current ** : 140 mA

Actuator voltage (Vcc) : 28V (24 to 30V)

Terminals : solder pins (250°C max. / 30 sec.)

MECHANICAL CHARACTERISTICS

Connectors : SMA female per MIL-C 39012

Life : 2.5 million cycles

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%)

(*** Nominal voltage; 25° C)



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.

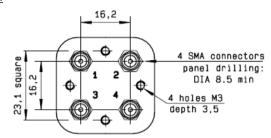
Technical Data Sheet

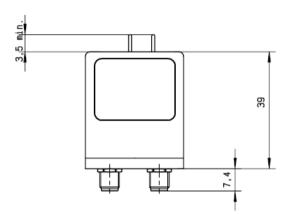


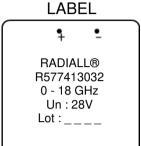
DPDT Ramses SMA 18GHz Failsafe 28Vdc Diodes Pins Terminals

PAGE 2/2 ISSUE 24-11-16 SERIE : DPDT PART NUMBER : R577413032

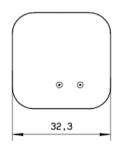
DRAWING







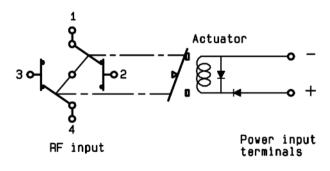




General tolerances: ±0.5 mm

SCHEMATIC DIAGRAM

Position: De energized



Voltage	RF Continuity		
energized	$1 \leftrightarrow 3 \ / \ 2 \leftrightarrow 4$		
De-energized	$1 \leftrightarrow 2 / 3 \leftrightarrow 4$		

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.