



DPDT Ramses SMA 18GHz Latching Self-cut-off Indicators 12Vdc

Positive common Diodes D-sub connector

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## **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 : LATCHING
Nominal current \*\* : 320 mA

Actuator voltage (Vcc) : 12V (10.2 to 13V) / POSITIVE COMMON

Terminals : 9 pins D-SUB male connector

Indicator rating : 1 W / 30 V / 100 mA
Self cut-off time : 40 ms < CT < 120 ms

# MECHANICAL CHARACTERISTICS

Connectors : SMA female per MIL-C 39012

Life : 2.5 million cycles

Switching Time\*\*\* : <15 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%)

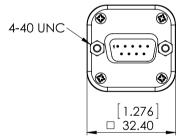
(\*\*\* Nominal voltage; 25° C)





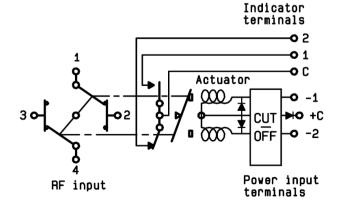


Radiall \*\* DPDT Ramses SMA 18GHz Latching Self-cut-off Indicators 12Vdc Positive common Diodes D-sub connector PAGE **2/2** ISSUE 06-02-18 SERIE: DPDT PART NUMBER: **R577462017 DRAWING** 0.909 23.10 [0.638] □ 16.20 4 x M3 depth 3.50 LABEL [0.909] 23.10 D-SUB 9 PINS TOP VIEW **RADIALL®** R577462017 0 - 18 GHz Un: 12V Lot : \_ \_ \_ \_ [2.205 max.] 56 max. [2.008 max.] 51 max. [0.303 max.] 7.70 max.



General tolerances: ±0,5 mm [0,02 in]

# SCHEMATIC DIAGRAM



Voltage	RF Continuity	Ind.
+C -1	$1 \leftrightarrow 3 / 2 \leftrightarrow 4$	C.1
+C -2	$1 \leftrightarrow 2 / 3 \leftrightarrow 4$	C.2