



DPDT Ramses SMA 18GHz Latching Self-cut-off Indicators 28Vdc TTL Diodes Pins Terminals with bracket

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### **RF CHARACTERISTICS**

Frequency range : 0 - 18 GHz : 50 Ohms Impedance

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 \*\* : 125 mA

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

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

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

: 2.2 to 5.5 V / 800µA at 5.5 V TTL inputs (E) - High level - Low level : 0 to 0.8 V / 20µA at 0.8 V

## MECHANICAL CHARACTERISTICS

: SMA female per MIL-C 39012 Connectors

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)



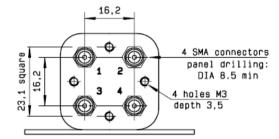


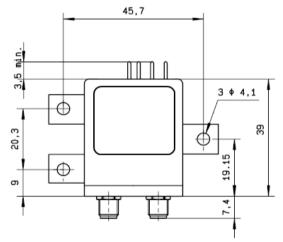


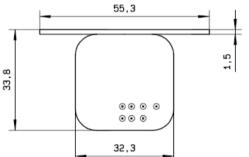
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#### **DRAWING**







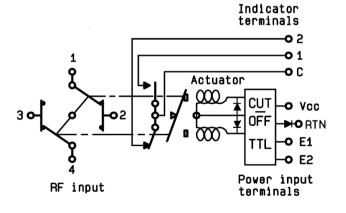
# LABEL

RADIALL® R577463100 0 - 18 GHz Un : 28V Lot : \_ \_ \_ \_



General tolerances : ±0.5 mm

## SCHEMATIC DIAGRAM



TTL input	RF Continuity	Ind.
E1=1 / E2=0	$1 \leftrightarrow 3 / 2 \leftrightarrow 4$	C.1
E1=0 / E2=1	$1 \leftrightarrow 2 \ / \ 3 \leftrightarrow 4$	C.2
E1=0 / E2=0	Memory	-
E1=1 / E2=1	Forbidden	-

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