# **Technical Data Sheet**



DPDT Ramses SMA 26.5GHz Failsafe 28Vdc Pins Terminals with bracket

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# RF CHARACTERISTICS

Frequency range : 0 - 26.5 GHz Impedance : 50 Ohms

Frequency (GHz)	DC - 3	3 - 8	8 - 12.4	12.4 - 18	18 - 26.5
VSWR max	1.20	1.30	1.40	1.50	1.70
Insertion loss max	0.20 dB	0.30 dB	0.40 dB	0.50 dB	0.70 dB
Isolation min	80 dB	70 dB	65 dB	60 dB	50 dB
Average power (*)	240 W	150 W	120 W	100 W	40 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

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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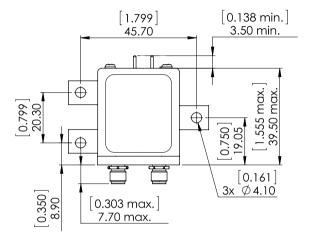
# **Technical Data Sheet**

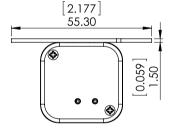


DPDT Ramses SMA 26.5GHz Failsafe 28Vdc Pins Terminals with bracket

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# DRAWING [0.909] 23.10 4 x M3 depth 3.50 9/27:1

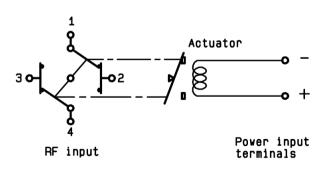


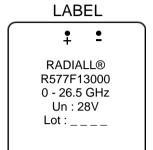


General tolerances: ±0,5 mm [0,02 in]

# SCHEMATIC DIAGRAM

Position: De energized





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

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