## **Technical Data Sheet**



SPDT Ramses TNC 3GHz Latching Self-cut-off Indicators 28Vdc
Diodes D-sub connector

SERIE: SPDT PART NUMBER: R570563005

# RF CHARACTERISTICS

PAGE 1/2

Frequency range : 0 - 3 GHz Impedance : 50 Ohms

ISSUE **22-03-22** 

Frequency (GHz)	DC - 1	1 - 2	2 - 3
VSWR max	1.15	1.20	1.25
Insertion loss max	0.15 dB	0.20 dB	0.25 dB
Isolation min	85 dB	80 dB	75 dB
Average power (*)	700 W	500 W	400 W

#### **ELECTRICAL CHARACTERISTICS**

Actuator : LATCHING
Nominal current \*\* : 125 mA

Actuator voltage (Vcc) : 28V (24 to 30V) / NEGATIVE 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 : TNC female per MIL-C 39012

Life : 2.5 million cycles

Switching Time\*\*\* : < 15 msConstruction : Splashproof
Weight : < 185 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)





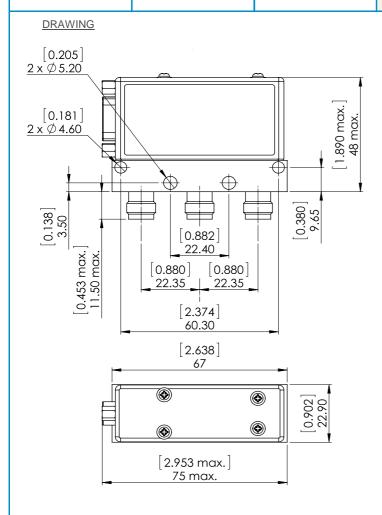
PART NUMBER: **R570563005** 



PAGE **2/2** 

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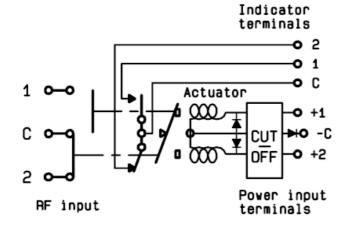


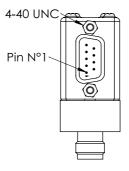
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SERIE: SPDT

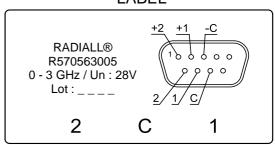
General tolerances : ±0,5 mm [0,02 in]

## SCHEMATIC DIAGRAM





# LABEL





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

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