



DPDT Ramses 2.4mm 50GHz Latching Self-cut-off Indicators 28Vdc

TTL Diodes D-sub connector with bracket

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## RF CHARACTERISTICS

Frequency range : 0 - 50 GHz Impedance : 50 Ohms

Frequency (GHz)	DC - 6	6 - 12.4	12.4 - 18	18 - 26.5	26.5 - 40	40 - 50
VSWR max	1.30	1.40	1.50	1.70	1.90	2.00
Insertion loss max	0.30 dB	0.40 dB	0.50 dB	0.70 dB	0.80 dB	1.10 dB
Isolation min	70 dB	60 dB	60 dB	55 dB	50 dB	50 dB
Average power (*)	80 W	60 W	50 W	20 W	10 W	5 W

### **ELECTRICAL CHARACTERISTICS**

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

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

Terminals : 9 pins D-SUB male connector

 $\begin{array}{ll} \mbox{Indicator rating} & : 1 \mbox{ W / 30 V / 100 mA} \\ \mbox{Self cut-off time} & : 40 \mbox{ ms} < \mbox{CT} < 120 \mbox{ ms} \\ \end{array}$ 

TTL inputs (E) - High level : 2.2 to 5.5 V /  $800\mu A$  at 5.5 V

- Low level : 0 to 0.8 V / 20µA at 0.8 V

## MECHANICAL CHARACTERISTICS

Connectors : 2.4mm female (Accoding to IEEE STD 287)

: < 100 g

Life : 2 million cycles
Switching Time\*\*\* : < 15 ms
Construction : Splashproof

### **ENVIRONMENTAL CHARACTERISTICS**

Operating temperature range : -25°C to +70°C
Storage temperature range : -40°C to +85°C

(\* Average power at 25°C per RF Path)

(\*\* At 25° C ±10%)

Weight

(\*\*\* Nominal voltage; 25° C)





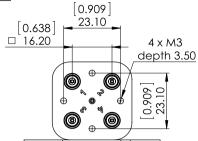


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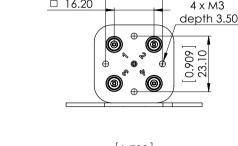
SERIE: DPDT PART NUMBER: R577J63105

# **DRAWING**

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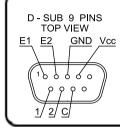


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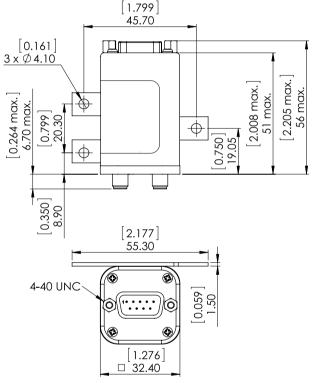




# LABEL



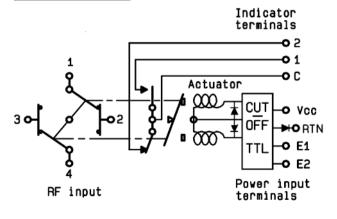
**RADIALL®** R577J63105 0 - 50 GHz Un: 28V Lot : \_ \_ \_ \_



General tolerances: ±0,5 mm [0,02 in]

# Sensitive connector: To avoid irreversible damage during any connexions, ensure that the center contact is aligned with the female socket

# 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	-