# **Technical Data Sheet**



SP6T Terminated Ramses SMA 26GHz Latching Self-cut-off Auto-reset Indicators 28Vdc Diodes D-Sub connector

PAGE 1/2 ISSUE 17.12.13 SERIE : SPnT PART NUMBER : R574F93605

### RF CHARACTERISTICS

Number of ways : 6

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	60 dB	60 dB	50 dB
Average power (*)	240 W	150 W	120 W	100 W	40 W

TERMINATION IMPEDANCE : 50 Ohms

TERM. AVG. POWER AT 25° C : 1 W per termination / 3 W total power

### **ELECTRICAL CHARACTERISTICS**

Actuator : LATCHING
Nominal current \*\* : 375 mA

Actuator voltage (Vcc) : 28V (24 to 30V) / NEGATIVE COMMON

Terminals : 25 pins D-SUB male connector

 $\label{eq:localization} \mbox{Indicator rating} \qquad \qquad : \ 1 \ \mbox{W / 100 mA} \\ \mbox{Self cut-off time} \qquad \qquad : \ 40 \ \mbox{ms} < \mbox{CT} < 120 \ \mbox{ms} \\ \mbox{}$ 

# MECHANICAL CHARACTERISTICS

Connectors : SMA female per MIL-C 39012
Life : 2.000.000 cycles per position

Switching Time\*\*\* : < 40 ms

Construction : Splashproof

Weight : < 250 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)





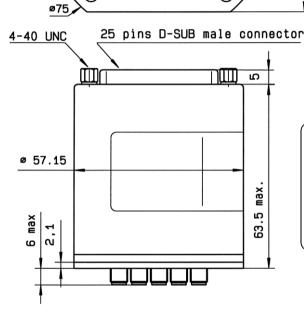


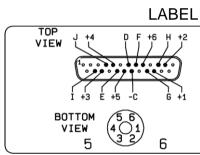
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PAGE 2/2 ISSUE 17.12.13 SERIE : SPnT PART NUMBER : R574F93605

# MARKING 4 Holes Ø4.35

Voltage	RF Continuity	Ind.
-C +1	$IN \leftrightarrow 1$	D.G
-C +2	$IN \leftrightarrow 2$	D.H
-C +3	$IN \leftrightarrow 3$	D.I
-C +4	$IN \leftrightarrow 4$	D.J
-C +5	$IN \leftrightarrow 5$	D.E
-C +6	$IN \leftrightarrow 6$	D.F



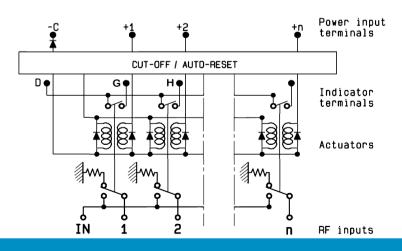


RADIALL® R574F93605 0 - 26.5 GHz Un : 28V Lot : \_ \_ \_ \_



General tolerances: ±0.5 mm

# SCHEMATIC DIAGRAM



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