Technical Data Sheet



SP5T Ramses N 12.4GHz Normaly open 28Vdc Positive common Pins Terminals

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RF CHARACTERISTICS

Number of ways : 5

Frequency range : 0 - 12.4 GHz Impedance : 50 Ohms

Frequency (GHz)	DC - 3	3 - 8	8 - 12.4
VSWR max	1.20	1.35	1.50
Insertion loss max	0.20 dB	0.35 dB	0.50 dB
Isolation min	80 dB	70 dB	60 dB
Average power (*)	400 W	250 W	200 W

ELECTRICAL CHARACTERISTICS

Actuator : NORMALLY OPEN

Nominal current ** : 102 mA

Actuator voltage (Vcc) : 28V (24 to 30V) / POSITIVE COMMON Terminals : solder pins (250°C max. / 30 sec.)

MECHANICAL CHARACTERISTICS

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

Switching Time*** : < 15 msConstruction : Splashproof
Weight : < 460 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)



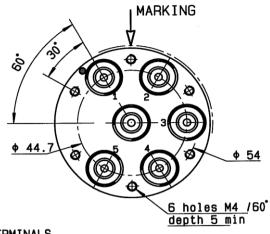
Technical Data Sheet



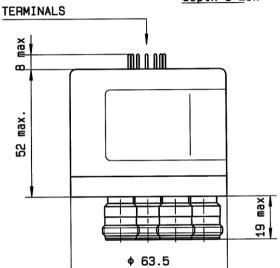
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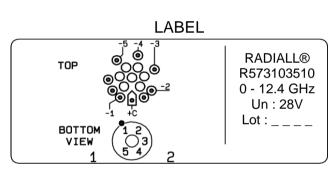
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DRAWING



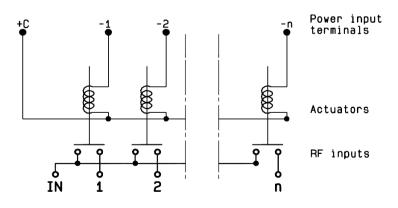
Voltage	RF Continuity	
+C -1	IN ↔ 1	
+C -2	$IN \leftrightarrow 2$	
+C -3	$IN \leftrightarrow 3$	
+C -4	IN ↔ 4	
+C -5	IN ↔ 5	





General tolerances: ±0.5 mm

SCHEMATIC DIAGRAM



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