Technical Data Sheet

SP4T Terminated Ramses N 3GHz Normally open 12Vdc TTL Diodes Pins Terminals

PAGE **1/2**	ISSUE **22-03-22**	SERIE : **SPnT**	PART NUMBER : **R574002420**

RF CHARACTERISTICS

Number of ways	: **4**
Frequency range	: **0 - 3 GHz**
Impedance	: **50 Ohms**

Frequency (GHz)	**DC - 3**
VSWR max	**1.20**
Insertion loss max	**0.20 dB**
Isolation min	**80 dB**
Average power (*)	**400 W**

TERMINATION IMPEDANCE	: **50 Ohms**
TERM. AVG. POWER AT 25° C	: **1 W per termination / 3 W total power**

ELECTRICAL CHARACTERISTICS

Actuator		: **NORMALLY OPEN**
Nominal current **		: **250 mA**
Actuator voltage (Vcc)		: **12V (10.2 to 13V)**
Terminals		: **solder pins (250°C max. / 30 sec.)**
TTL inputs (E)	- High level	: **2.2 to 5.5 V / 800µA at 5.5 V**
	- Low level	: **0 to 0.8 V / 20µA at 0.8 V**

MECHANICAL CHARACTERISTICS

Connectors	: **N female per MIL-C 39012**
Life	: **2 million cycles per position**
Switching Time***	: **< 15 ms**
Construction	: **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)

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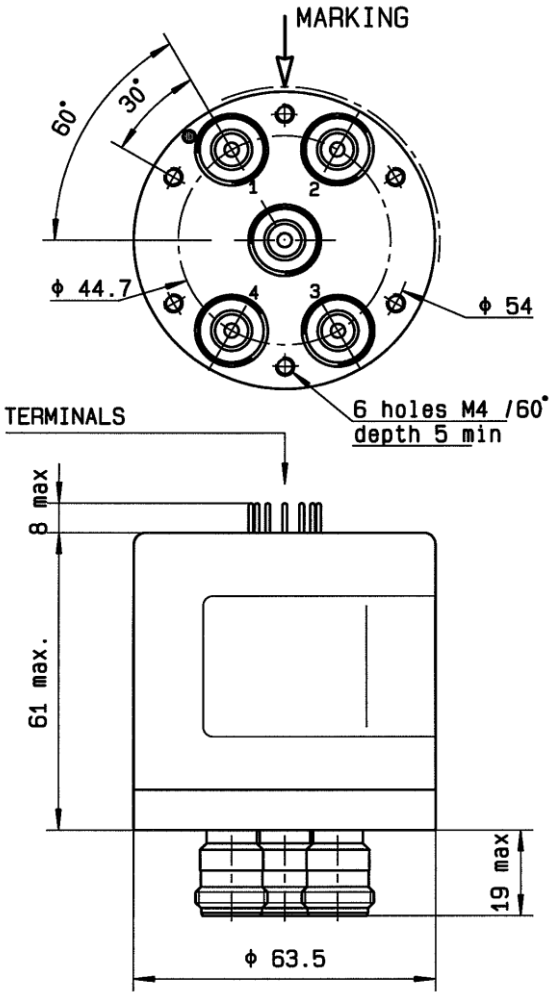
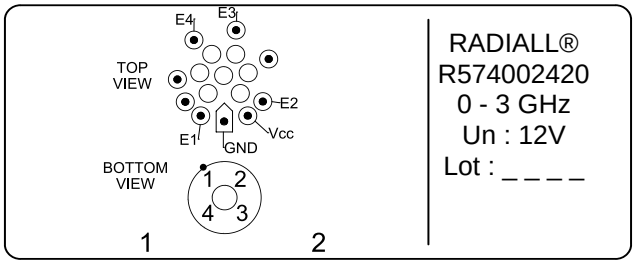
DRAWING



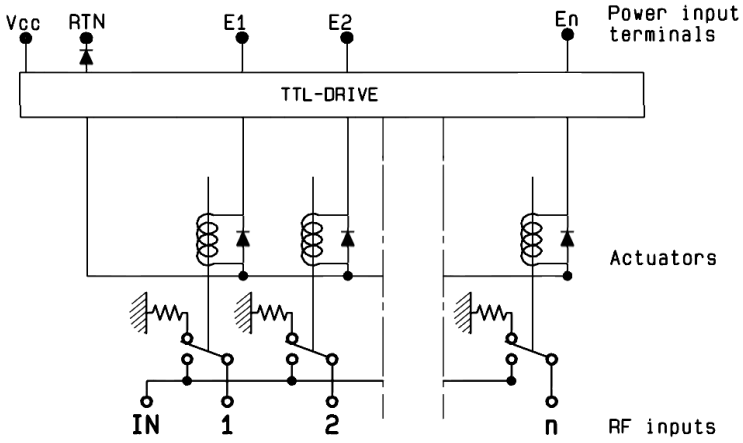
TTL input	RF Continuity
E1 = 1	IN ↔ 1
E2 = 1	IN ↔ 2
E3 = 1	IN ↔ 3
E4 = 1	IN ↔ 4

LABEL



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

SCHEMATIC DIAGRAM



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