Technical Data Sheet

SP6T Ramses SMA2.9 40GHz Latching 12Vdc D-sub connector

PAGE **1/2**	ISSUE **11.04.14**	SERIE : **SPnT**	PART NUMBER : **R573822605**

RF CHARACTERISTICS

Number of ways : **6**
Frequency range : **0 - 40 GHz**
Impedance : **50 Ohms**

Frequency (GHz)	DC - 6	6 - 12.4	12.4 - 18	18 - 26.5	26.5 - 40
VSWR max	1.30	1.40	1.50	1.70	2.20
Insertion loss max	0.20 dB	0.40 dB	0.50 dB	0.70 dB	1.10 dB
Isolation min	70 dB	60 dB	60 dB	55 dB	50 dB
Average power (*)	40 W	30 W	25 W	15 W	5 W

ELECTRICAL CHARACTERISTICS

Actuator : **LATCHING**
Nominal current ** : **320 mA / RESET : 1920 mA ****
Actuator voltage (Vcc) : **12V (10.2 to 13V) / NEGATIVE COMMON**
Terminals : **25 pins D-SUB male connector**

MECHANICAL CHARACTERISTICS

Connectors : **SMA 2.9 female per MIL-C 39012**
Life : **2.000.000 cycles per position**
Switching Time*** : **< 15 ms**
Construction : **Splashproof**
Weight : **< 220 g**

ENVIRONMENTAL CHARACTERISTICS

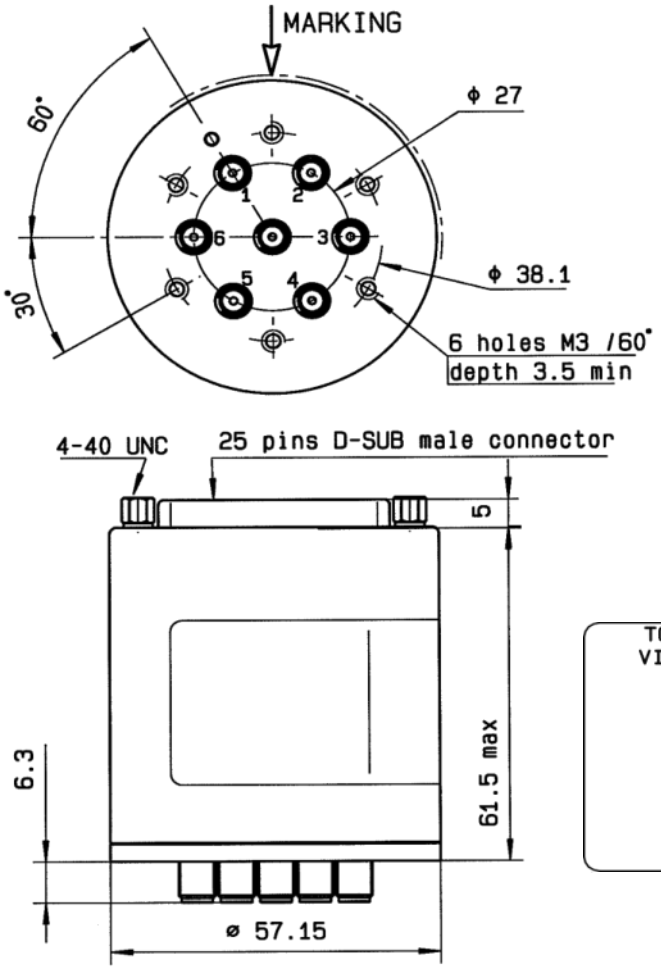
Operating temperature range : **-40°C to +85°C**
Storage temperature range : **-55°C to +85°C**

RoHS COMPLIANT

(* Average power at 25°C per RF Path)
(** At 25° C ±10%)
(*** Nominal voltage ; 25° C)
(**** Reset : supply voltage time 1sec. max. / duty cycle 10%)

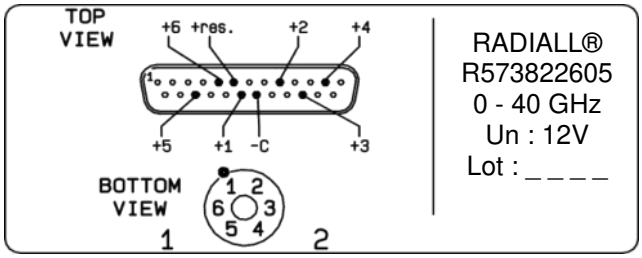
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DRAWING



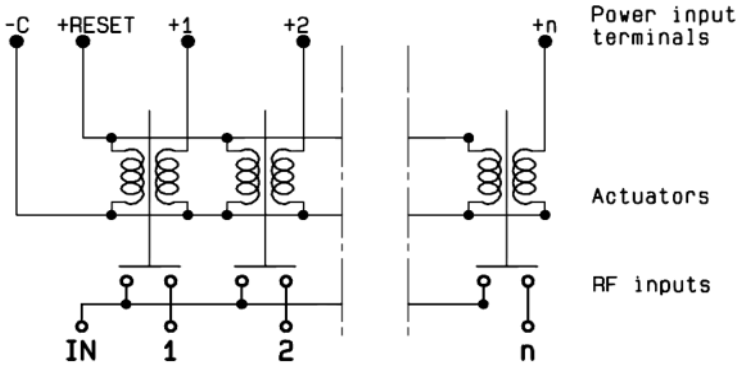
Voltage	RF Continuity
-C +RESET	All ports open
-C +1	IN ↔ 1
-C +2	IN ↔ 2
-C +3	IN ↔ 3
-C +4	IN ↔ 4
-C +5	IN ↔ 5
-C +6	IN ↔ 6

LABEL



General tolerances : ±0.5 mm

SCHEMATIC DIAGRAM



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