Technical Data Sheet

SP3T Terminated Ramses SMA2.9 40GHz Latching Self-cut-off Auto-reset Indicators 28Vdc Diodes D-sub connector

PAGE **1/2**	ISSUE **30.01.15**	SERIE : **SPnT**	PART NUMBER : **R574893305**

RF CHARACTERISTICS

Number of ways : **3**
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

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

ELECTRICAL CHARACTERISTICS

Actuator : **LATCHING**
Nominal current ** : **250 mA**
Actuator voltage (Vcc) : **28V (24 to 30V) / NEGATIVE COMMON**
Terminals : **25 pins D-SUB male connector**
Indicator rating : **1 W / 30 V / 100 mA**
Self cut-off time : **40 ms < CT < 120 ms**

MECHANICAL CHARACTERISTICS

Connectors : **SMA 2.9 female per MIL-C 39012**
Life : **2.000.000 cycles per position**
Switching Time*** : **< 40 ms**
Construction : **Splashproof**
Weight : **< 250 g**

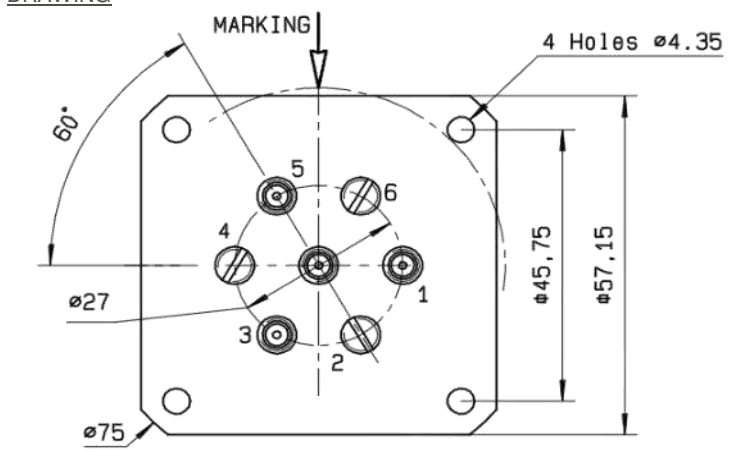
ENVIRONMENTAL CHARACTERISTICS

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

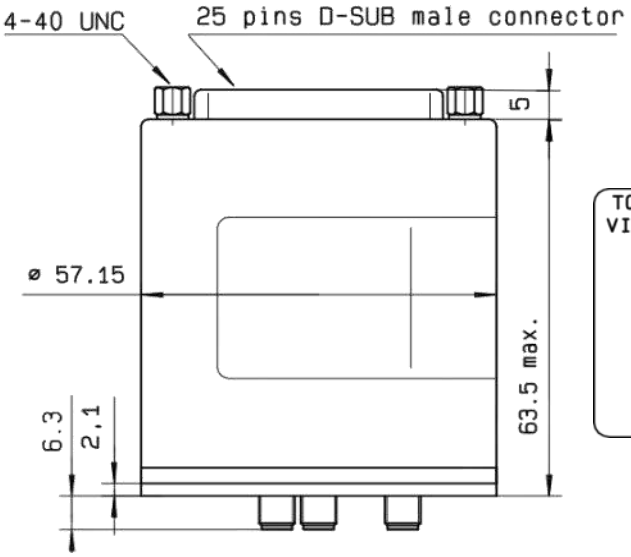
(* Average power at 25°C per RF Path)
(** At 25° C ±10%)
(*** Nominal voltage ; 25° C)

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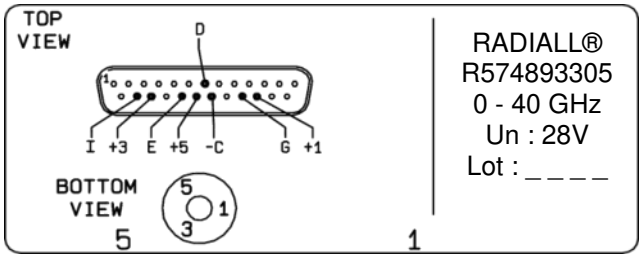
DRAWING



Voltage	RF Continuity	Ind.
-C +1	IN ↔ 1	D.G
-C +3	IN ↔ 3	D.I
-C +5	IN ↔ 5	D.E



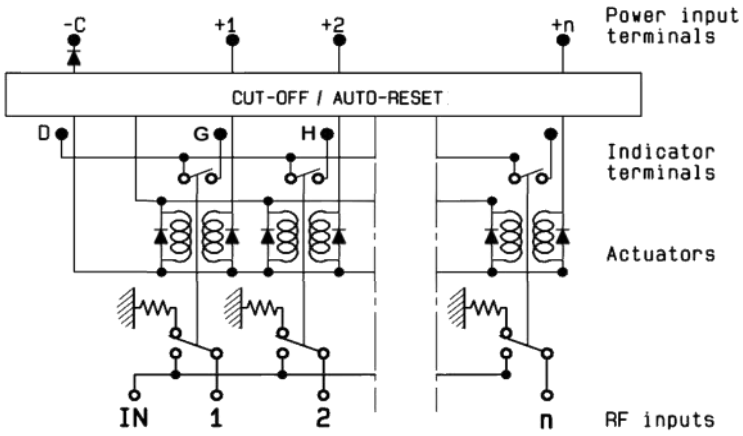
LABEL





General tolerances : ±0.5 mm

SCHEMATIC DIAGRAM



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