Technical Data Sheet

SP4T Terminated Ramses SMA2.9 40GHz Normally open 28Vdc Positive common D-sub connector

PAGE **1/2**	ISSUE **26-01-17**	SERIE : **SPnT**	PART NUMBER : **R574803415**

RF CHARACTERISTICS

Number of ways	: **4**
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	: **NORMALLY OPEN**
Nominal current **	: **102 mA**
Actuator voltage (Vcc)	: **28V (24 to 30V) / POSITIVE COMMON**
Terminals	: **25 pins D-SUB male connector**

MECHANICAL CHARACTERISTICS

Connectors	: **SMA 2.9 female per MIL-C 39012**
Life	: **2 million cycles per position**
Switching Time***	: **< 15 ms**
Construction	: **Splashproof**
Weight	: **< 250 g**

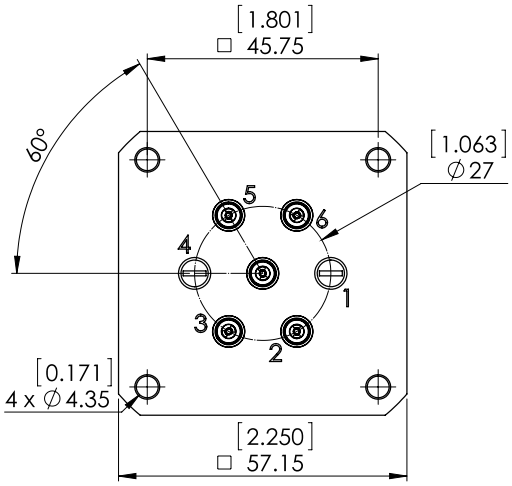
ENVIRONMENTAL CHARACTERISTICS

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

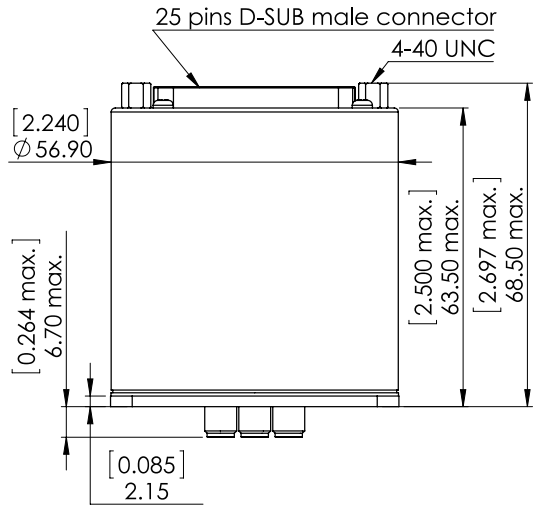
(* Average power at 25°C per RF Path)
(** At 25° C ±10%)
(*** Nominal voltage ; 25° C)

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DRAWING

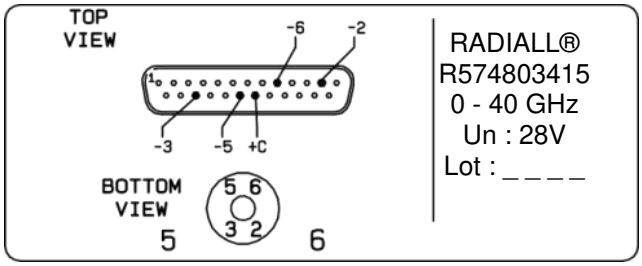


Voltage	RF Continuity
+C -2	IN ↔ 2
+C -3	IN ↔ 3
+C -5	IN ↔ 5
+C -6	IN ↔ 6

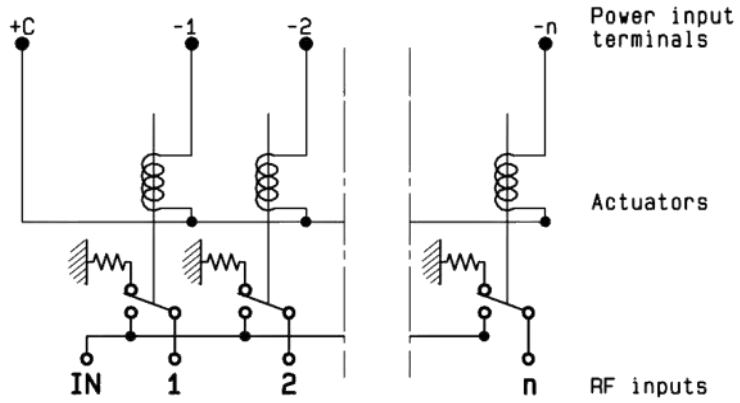


General tolerances : ±0,5 mm [0,02 in]

LABEL



SCHEMATIC DIAGRAM



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