Technical Data Sheet

SP6T Ramses SMA2.9 40GHz Normally open 28Vdc D-sub connector

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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	1.95
Insertion loss max	0.20 dB	0.40 dB	0.50 dB	0.70 dB	1.00 dB
Isolation min	80 dB	70 dB	70 dB	60 dB	55 dB
Average power (*)	40 W	30 W	25 W	15 W	5 W

ELECTRICAL CHARACTERISTICS

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

MECHANICAL CHARACTERISTICS

Connectors	: **SMA 2.9 female per MIL-C 39012**
Life	: **7 million 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**

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

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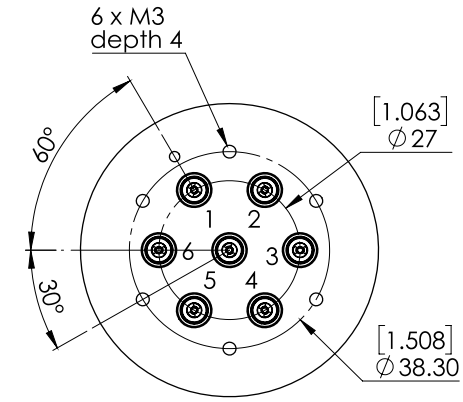
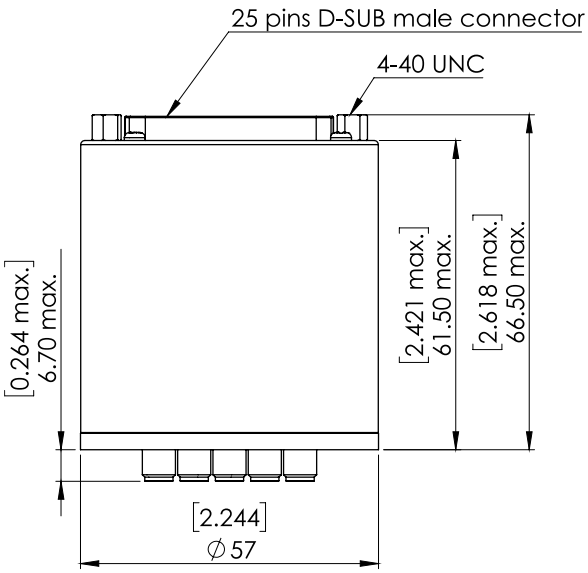
DRAWING

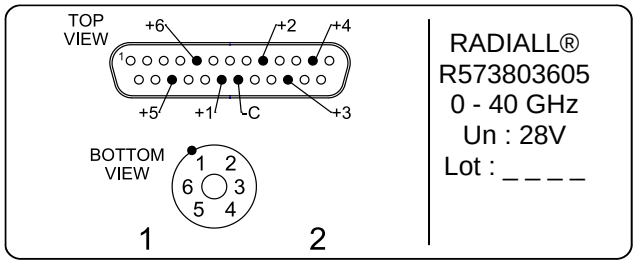


Voltage	RF Continuity
-C +1	IN ↔ 1
-C +2	IN ↔ 2
-C +3	IN ↔ 3
-C +4	IN ↔ 4
-C +5	IN ↔ 5
-C +6	IN ↔ 6

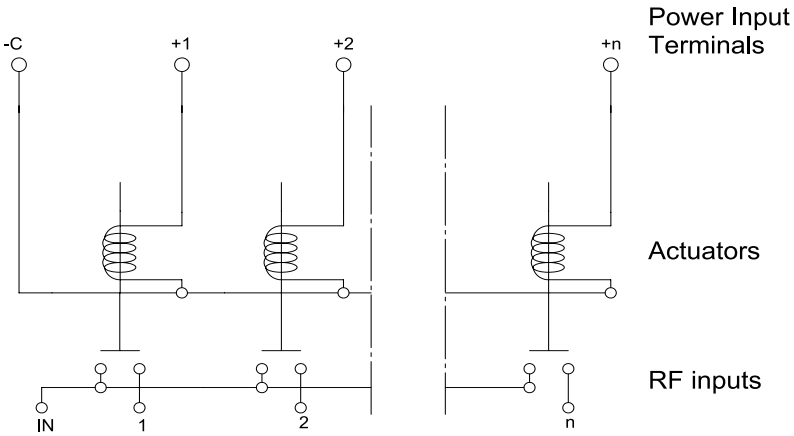


General tolerances : ±0,5 mm [0,02 in]

LABEL



SCHEMATIC DIAGRAM



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