# Technical Data Sheet

SP3T Terminated Ramses SMA 3GHz Normally open 28Vdc TTL Drive
D-sub connector

| PAGE **1/2** | ISSUE **24-11-16** | SERIE : **SPnT** | PART NUMBER : **R574303325** |
|---|---|---|---|

## RF CHARACTERISTICS

| | |
|---|---|
| Number of ways | : **3** |
| 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 (*) | **240 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)** |
| Terminals | | : **25 pins D-SUB male connector** |
| 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 | : **SMA female per MIL-C 39012** |
| Life | : **2.000.000 cycles per position** |
| Switching Time*** | : **< 15 ms** |
| Construction | : **Splashproof** |
| Weight | : **< 250 g** |

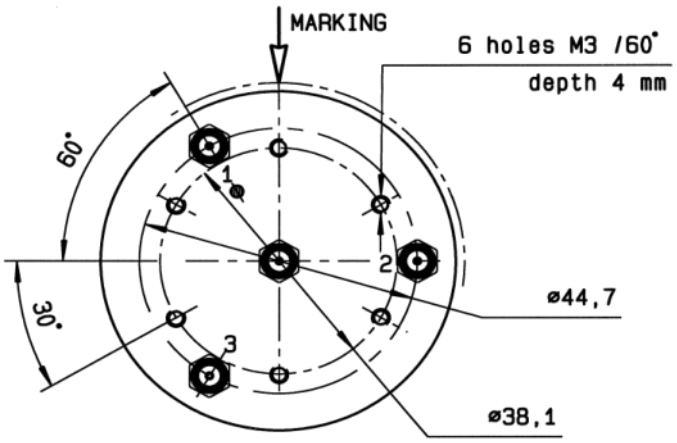
## ENVIRONMENTAL CHARACTERISTICS

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

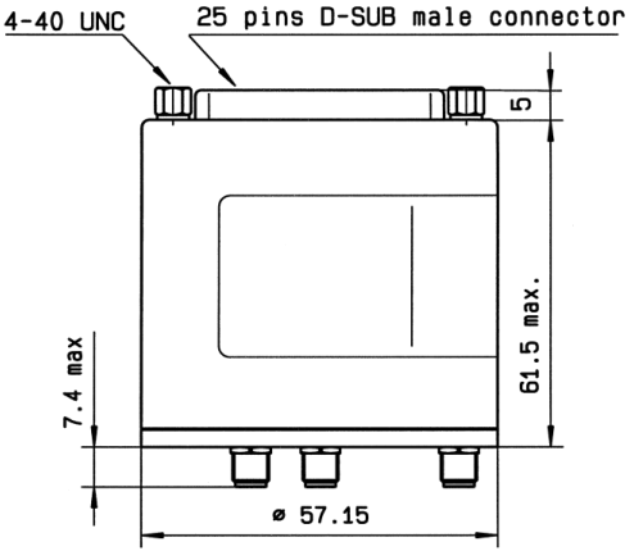
(* Average power at 25°C per RF Path)
(** At 25° C ±10%)
(*** Nominal voltage ; 25° C)

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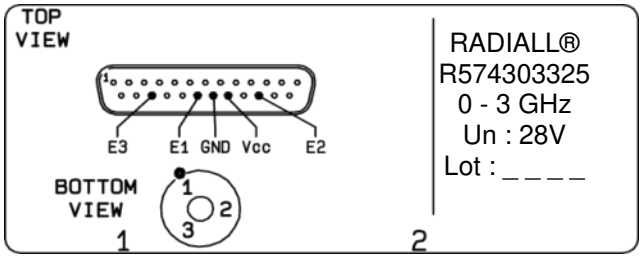
DRAWING




| TTL input | RF Continuity |
|---|---|
| E1 = 1 | IN ↔ 1 |
| E2 = 1 | IN ↔ 2 |
| E3 = 1 | IN ↔ 3 |



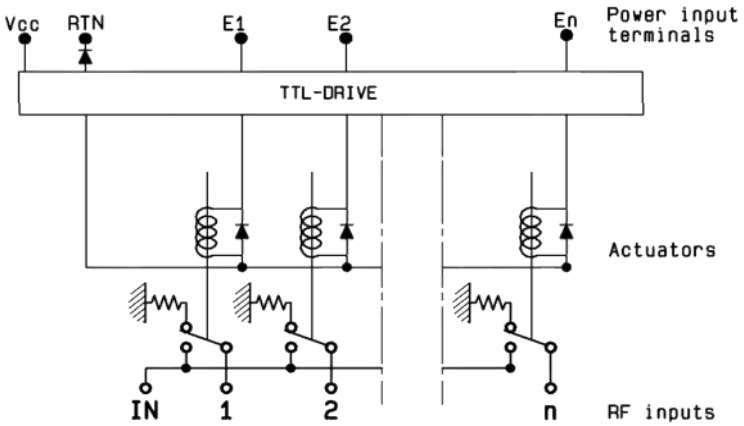

LABEL






General tolerances : ±0.5 mm

SCHEMATIC DIAGRAM




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