Technical Data Sheet

SP10T Ramses SMA 18GHz Normally open Indicators 12Vdc Positive common Diodes D-sub connector

PAGE **1/2**	ISSUE **06-02-18**	SERIE : **SPnT**	PART NUMBER : **R573412045**

RF CHARACTERISTICS

Number of ways : **10**
Frequency range : **0 - 18 GHz**
Impedance : **50 Ohms**

Frequency (GHz)	DC - 3	3 - 8	8 - 12.4	12.4 - 15.5	15.5 - 18
VSWR max	1.20	1.30	1.40	1.50	1.70
Insertion loss max	0.20 dB	0.30 dB	0.40 dB	0.50 dB	0.70 dB
Isolation min	80 dB	70 dB	60 dB	60 dB	55 dB
Average power (*)	240 W	150 W	120 W	110 W	100 W

ELECTRICAL CHARACTERISTICS

Actuator : **NORMALLY OPEN**
Nominal current ** : **250 mA**
Actuator voltage (Vcc) : **12V (10.2 to 13V) / POSITIVE COMMON**
Terminals : **25 pins D-SUB male connector**
Indicator rating : **1 W / 30 V / 100 mA**

MECHANICAL CHARACTERISTICS

Connectors : **SMA female per MIL-C 39012**
Life : **2 million cycles per position**
Switching Time*** : **< 15 ms**
Construction : **Splashproof**
Weight : **< 360 g**

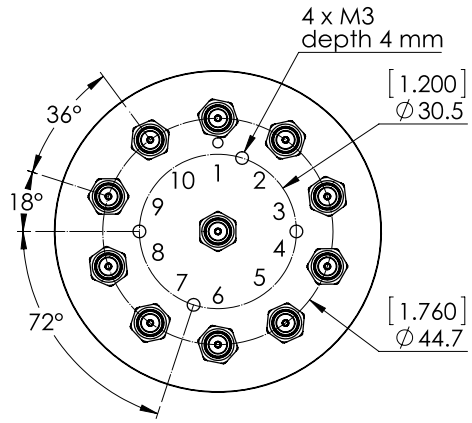
ENVIRONMENTAL CHARACTERISTICS

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

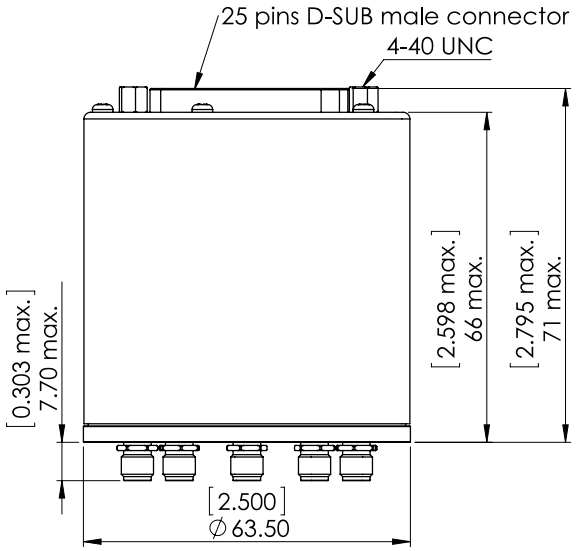
(* Average power at 25°C per RF Path)
(** At 25° C ±10%)
(*** Nominal voltage ; 25° C)

This document contains proprietary information and such information shall not be disclosed to any third party for any purpose whatsoever or used for manufacturing purposes without prior written agreement from Radiall. The data defined in this document are given as an indication, in the effort to improve our products; we reserve the right to make any changes judged necessary.

DRAWING

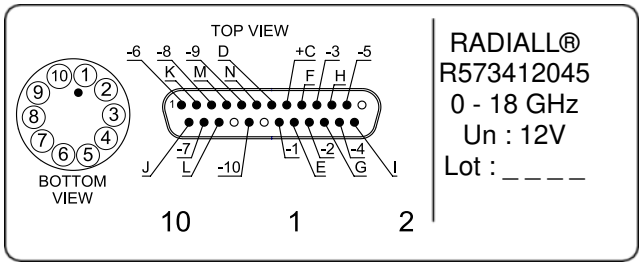


Voltage	RF Continuity	Ind.
+C -1	IN ↔ 1	D.E
+C -2	IN ↔ 2	D.F
+C -3	IN ↔ 3	D.G
+C -4	IN ↔ 4	D.H
+C -5	IN ↔ 5	D.I
+C -6	IN ↔ 6	D.J
+C -7	IN ↔ 7	D.K
+C -8	IN ↔ 8	D.L
+C -9	IN ↔ 9	D.M
+C -10	IN ↔ 10	D.N



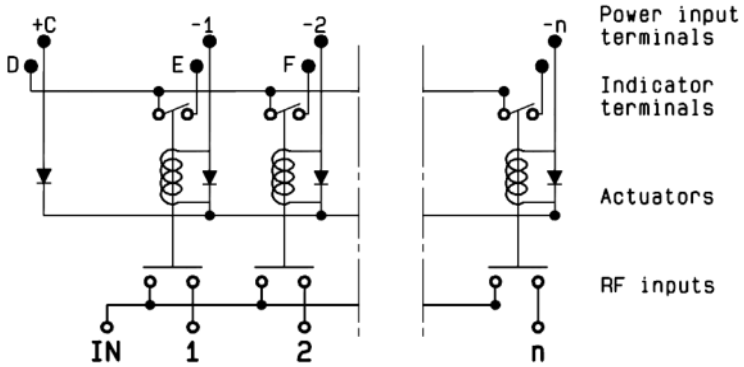
General tolerances : ±0,5 mm [0,02 in]

LABEL





SCHEMATIC DIAGRAM



This document contains proprietary information and such information shall not be disclosed to any third party for any purpose whatsoever or used for manufacturing purposes without prior written agreement from Radiall. The data defined in this document are given as an indication, in the effort to improve our products; we reserve the right to make any changes judged necessary.