Technical Data Sheet

SP8T Terminated Ramses N 8GHz Normally open 28Vdc Positive common Pins Terminals

PAGE **1/2**	ISSUE **16-03-16**	SERIE : **SPnT**	PART NUMBER : **R574103810**

RF CHARACTERISTICS

Number of ways	: **8**
Frequency range	: **0 - 8 GHz**
Impedance	: **50 Ohms**

Frequency (GHz)	**DC - 3**	**3 - 8**
VSWR max	**1.30**	**1.50**
Insertion loss max	**0.30 dB**	**0.50 dB**
Isolation min	**80 dB**	**70 dB**
Average power (*)	**400 W**	**250 W**

VSWR values are not applicable for internal terminations

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	: **solder pins (250°C max. / 30 sec.)**

MECHANICAL CHARACTERISTICS

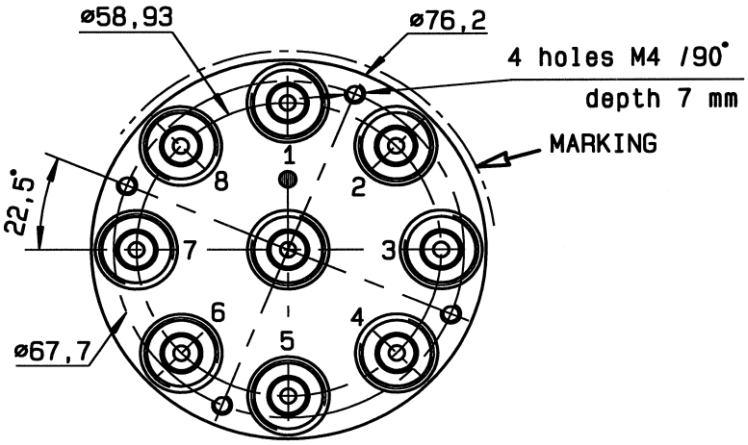
Connectors	: **N female per MIL-C 39012**
Life	: **2.000.000 cycles per position**
Switching Time***	: **< 15 ms**
Construction	: **Splashproof**
Weight	: **< 680 g**

ENVIRONMENTAL CHARACTERISTICS

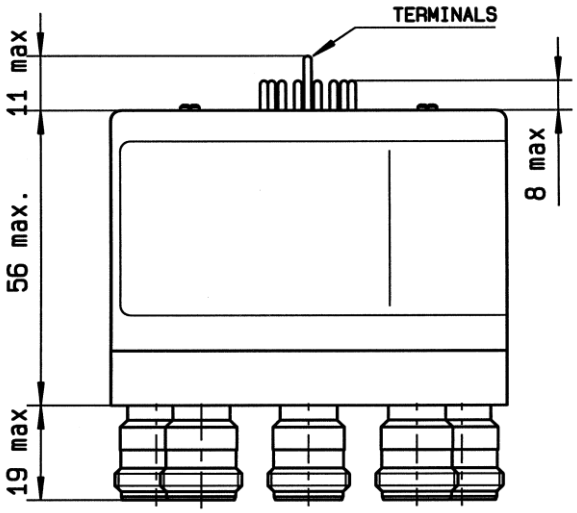
Operating temperature range	: **-40°C to +85°C**
Storage temperature range	: **-55°C to +85°C**

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

DRAWING

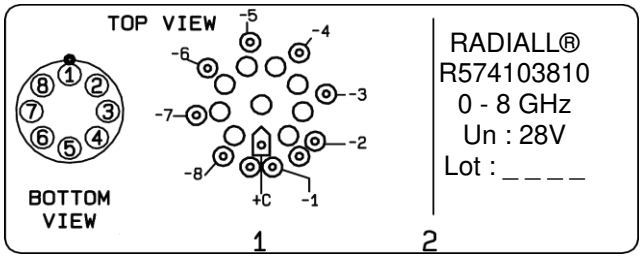


Voltage	RF Continuity
+C -1	IN ↔ 1
+C -2	IN ↔ 2
+C -3	IN ↔ 3
+C -4	IN ↔ 4
+C -5	IN ↔ 5
+C -6	IN ↔ 6
+C -7	IN ↔ 7
+C -8	IN ↔ 8



General tolerances : ±0.5 mm

LABEL



SCHEMATIC DIAGRAM