

PAGE 1/2

ISSUE 22-03-22

SERIE : SPnT

PART NUMBER : R574493005

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

TERMINATION IMPEDANCE : **50 Ohms**
 TERM. AVG. POWER AT 25° C : **1 W per termination / 3 W total power**

ELECTRICAL CHARACTERISTICS

Actuator : **LATCHING**
 Nominal current ** : **500 mA**
 Actuator voltage (Vcc) : **28V (24 to 30V) / NEGATIVE COMMON**
 Terminals : **25 pins D-SUB male connector**
 Indicator rating : **1 W / 30 V / 100 mA**
 Self cut-off time : **40 ms < CT < 120 ms**

MECHANICAL CHARACTERISTICS

Connectors : **SMA female per MIL-C 39012**
 Life : **2 million cycles per position**
 Switching Time*** : **< 50 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)



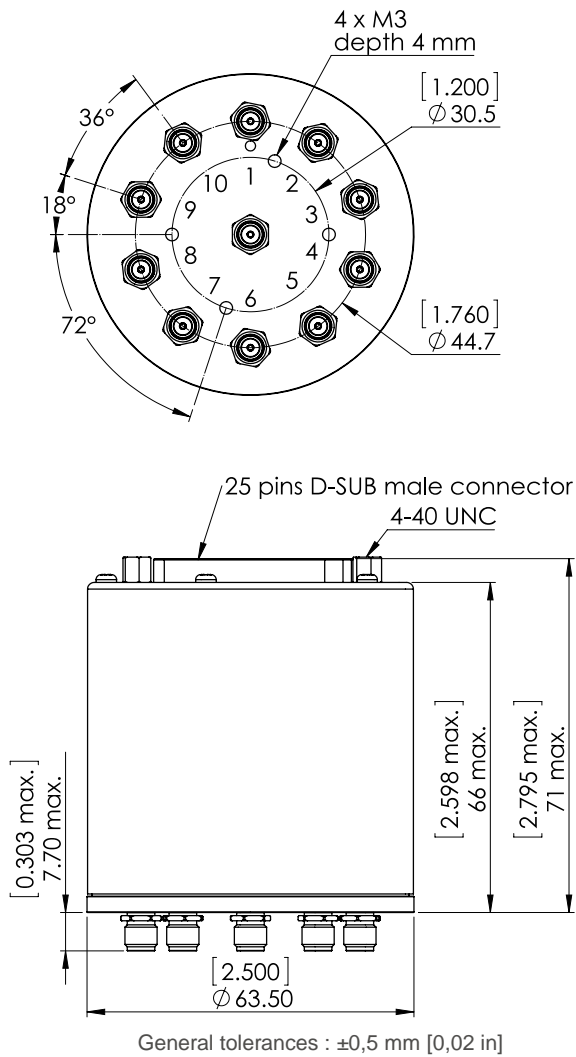
PAGE 2/2

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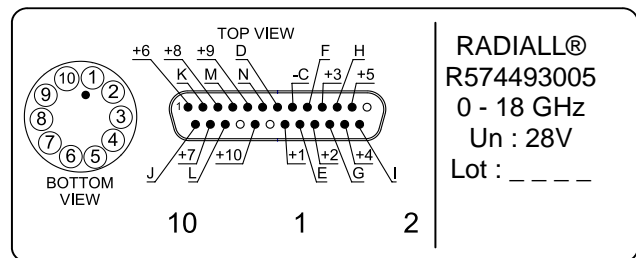
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DRAWING



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

LABEL



SCHEMATIC DIAGRAM

