

PAGE 1/2

ISSUE 22-03-22

SERIE : SPnT

PART NUMBER : R573083880

## RF CHARACTERISTICS

Number of ways : 8  
Frequency range : 0 - 3 GHz  
Impedance : 50 Ohms

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

## ELECTRICAL CHARACTERISTICS

Actuator : LATCHING  
Nominal current \*\* : 375 mA  
Actuator voltage (Vcc) : 28V (24 to 30V)  
Terminals : solder pins (250°C max. / 30 sec.)  
Self cut-off time : 40 ms < CT < 120 ms  
BCD inputs (E) - High level : 3.5 to 5.5 V / 800µA at 5.5 V  
- Low level : 0 to 1.5 V / 20µA at 0.8 V

## MECHANICAL CHARACTERISTICS

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



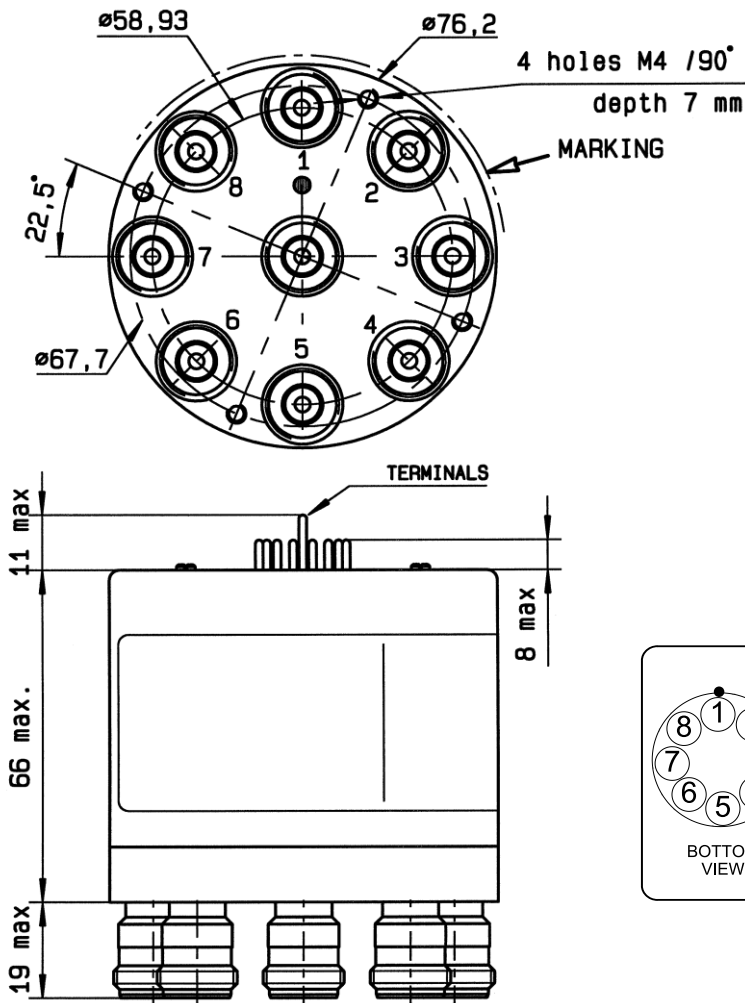
PAGE 2/2

ISSUE 22-03-22

SERIE : SPnT

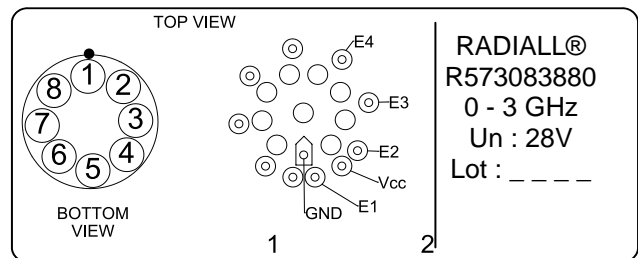
PART NUMBER : **R573083880**

DRAWING



BCD TRUTH TABLE				
E4	E3	E2	E1	RF continuity
0	0	0	0	All ports open (Forced Reset)
0	0	0	1	IN ↔ 1
0	0	1	0	IN ↔ 2
0	0	1	1	IN ↔ 3
0	1	0	0	IN ↔ 4
0	1	0	1	IN ↔ 5
0	1	1	0	IN ↔ 6
0	1	1	1	IN ↔ 7
1	0	0	0	IN ↔ 8

LABEL



General tolerances :  $\pm 0,5$  mm [0,02 in]

SCHEMATIC DIAGRAM

