

PAGE 1/2

ISSUE 10-07-19

SERIE : SPnT

PART NUMBER : R574J22405

## RF CHARACTERISTICS

Number of ways : 4  
Frequency range : 0 - 50 GHz  
Impedance : 50 Ohms

Frequency (GHz)	DC - 6	6 - 12.4	12.4 - 18	18 - 26.5	26.5 - 40	40 - 50
VSWR max	1.30	1.40	1.50	1.70	1.90	2.20
Insertion loss max	0.20 dB	0.40 dB	0.50 dB	0.70 dB	0.90 dB	1.20 dB
Isolation min	70 dB	60 dB	60 dB	55 dB	50 dB	50 dB
Average power (*)	40 W	30 W	25 W	15 W	5 W	3 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 \*\* : 320 mA / RESET : 1280 mA \*\*\*\*  
Actuator voltage (Vcc) : 12V (10.2 to 13V) / NEGATIVE COMMON  
Terminals : 25 pins D-SUB male connector

## MECHANICAL CHARACTERISTICS

Connectors : 2.4mm female (According to IEEE STD 287)  
Life : 2 million cycles per position  
Switching Time\*\*\* : < 15 ms  
Construction : Splashproof  
Weight : < 250 g

## ENVIRONMENTAL CHARACTERISTICS

Operating temperature range : -25°C to +70°C  
Storage temperature range : -40°C to +85°C

- (\*) Average power at 25°C per RF Path)  
(\*\*) At 25° C ±10%)  
(\*\*\*) Nominal voltage ; 25° C)  
(\*\*\*\*) Reset : supply voltage time 1sec. max. / duty cycle 10%)



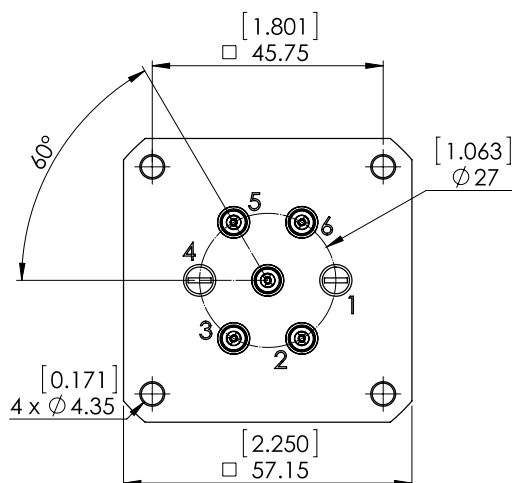
PAGE 2/2

ISSUE 10-07-19

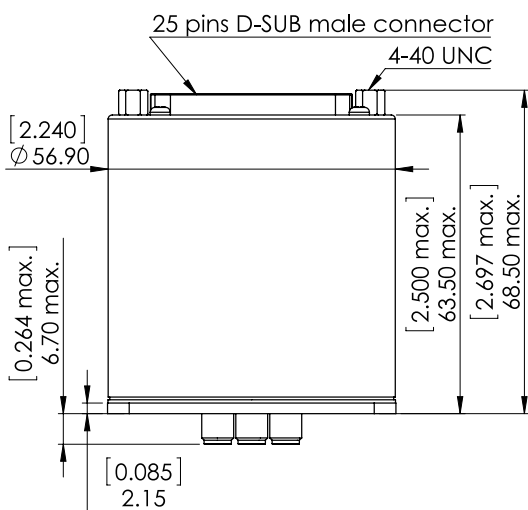
SERIE : SPnT

PART NUMBER : R574J22405

DRAWING

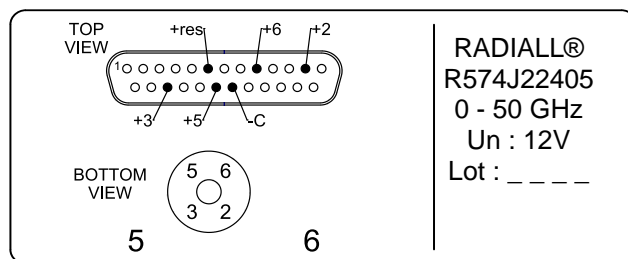


Voltage	RF Continuity
-C +RESET	All ports open
-C +2	IN ↔ 2
-C +3	IN ↔ 3
-C +5	IN ↔ 5
-C +6	IN ↔ 6



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

**LABEL**



SCHEMATIC DIAGRAM

