

## RF CHARACTERISTICS

Number of ways : 4  
 Frequency range : 0 - 18 GHz  
 Impedance : 50 Ohms

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

## ELECTRICAL CHARACTERISTICS

Actuator : LATCHING  
 Nominal current \*\* : 640 mA  
 Actuator voltage (Vcc) : 12V (10.2 to 13V)  
 Terminals : 25 pins D-SUB male connector  
 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 : SMA female per MIL-C 39012  
 Life : 5 million cycles per position  
 Switching Time\*\*\* : < 40 ms  
 Construction : Splashproof  
 Weight : < 220 g

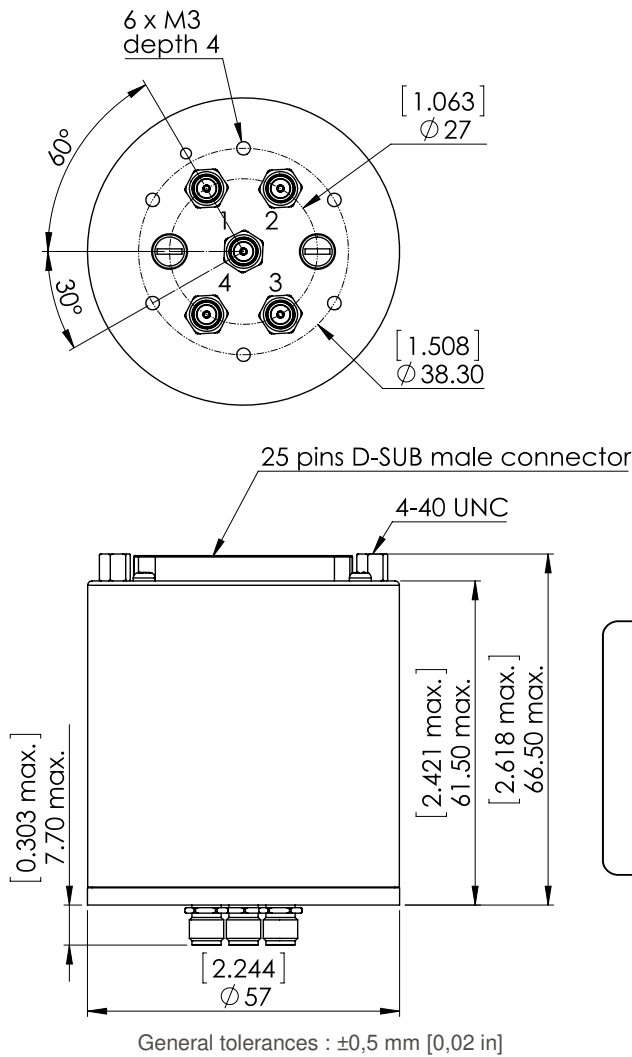
## ENVIRONMENTAL CHARACTERISTICS

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)

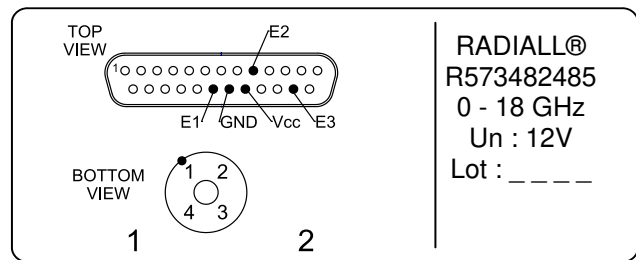


DRAWING



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

**LABEL**



SCHEMATIC DIAGRAM

