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ISSUE 22-03-22

SERIE : SPnT

PART NUMBER : R574383885

RF CHARACTERISTICS

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

Frequency (GHz)	DC - 3
VSWR max	1,20
Insertion loss max	0.20 dB
Isolation min	80 dB
Average power (*)	240 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 ** : **375 mA**
 Actuator voltage (Vcc) : **28V (24 to 30V)**
 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 : **2 million cycles per position**
 Switching Time*** : **< 50 ms**
 Construction : **Splashproof**
 Weight : **< 280 g**

ENVIRONMENTAL CHARACTERISTICS

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

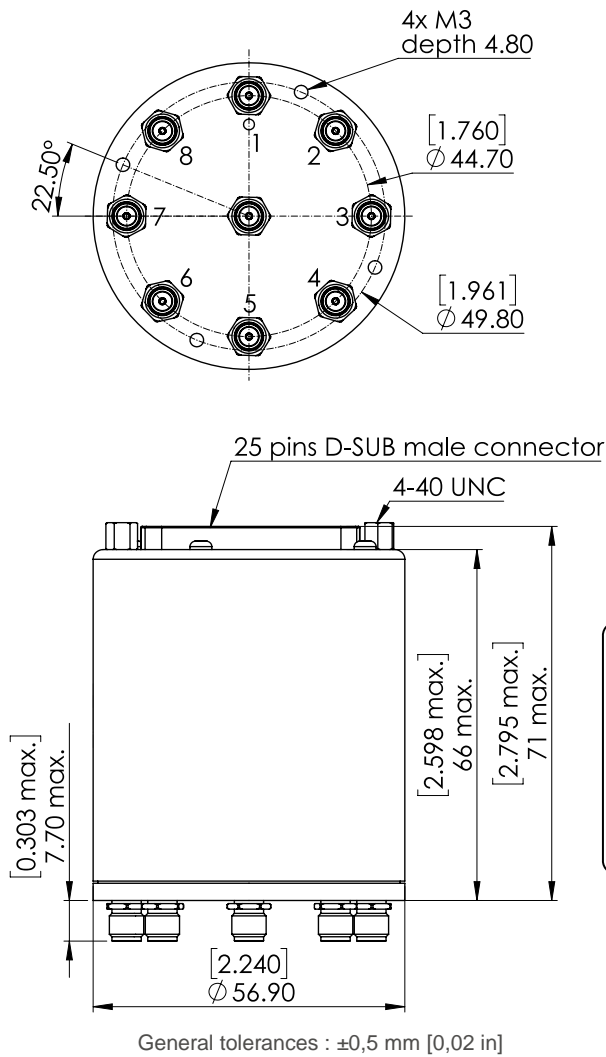
(* Average power at 25°C per RF Path)

(** At 25° C ±10%)

(*** Nominal voltage ; 25° C)

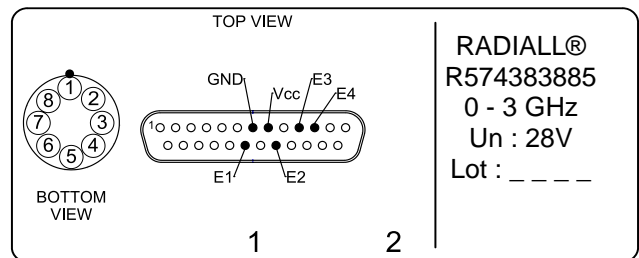


DRAWING



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

LABEL



SCHEMATIC DIAGRAM

