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ISSUE **09-03-21**

SERIE : **DP3T**

PART NUMBER : **R585432000**

## RF CHARACTERISTICS

Frequency range : **0 - 18 GHz**  
Impedance : **50 Ohms**

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

## ELECTRICAL CHARACTERISTICS

Actuator : **LATCHING**  
Nominal current \*\* : **420 mA**  
Actuator voltage (Vcc) : **12V (10.2 to 13V) / NEGATIVE COMMON**  
Terminals : **solder pins (250°C max. / 30 sec.)**

## MECHANICAL CHARACTERISTICS

Connectors : **SMA female per MIL-C 39012**  
Life : **10 million cycles**  
Switching Time\*\*\* : **< 10 ms**  
Construction : **Splashproof**  
Weight : **< 100 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)



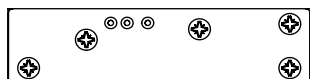
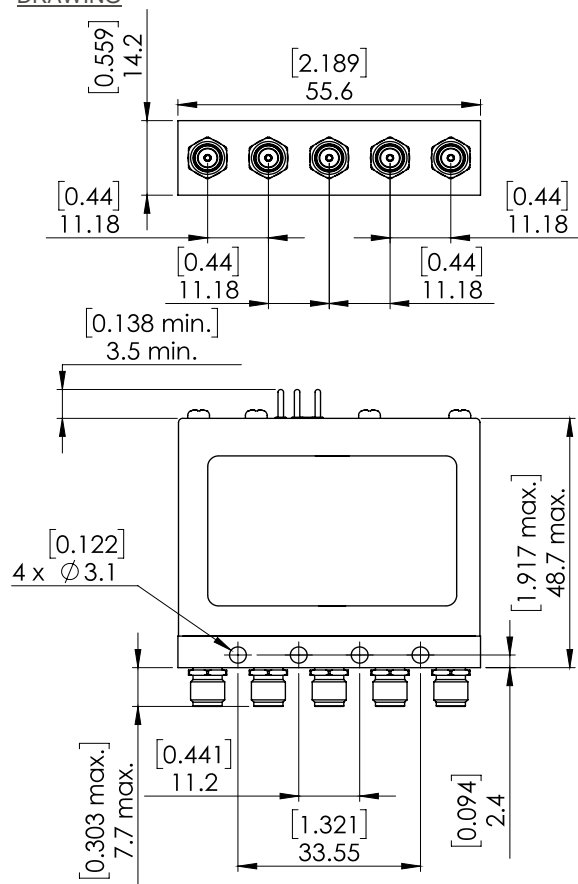
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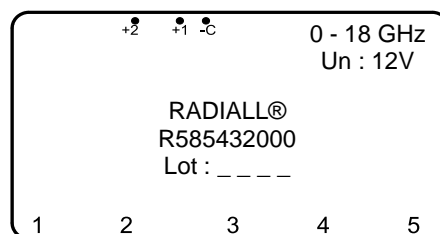
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DRAWING



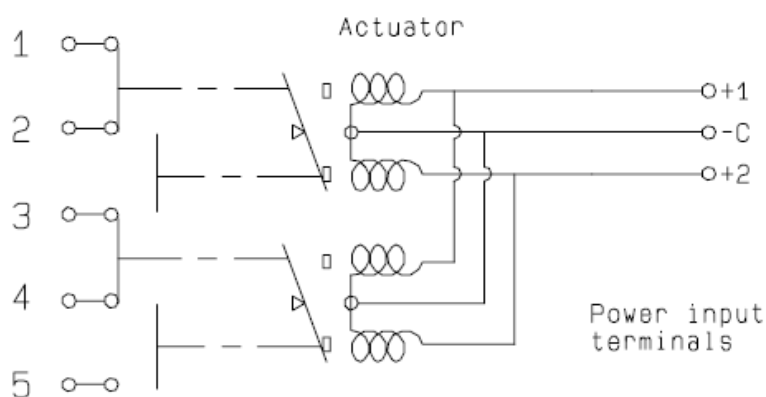
General tolerances :  $\pm 0,5$  mm [0,02 in]

**LABEL**



SCHEMATIC DIAGRAM

RF input



Voltage	RF Continuity
-C +1	1 ↔ 2 / 3 ↔ 4
-C +2	2 ↔ 3 / 4 ↔ 5