

PAGE **1/2**

ISSUE **09-03-21**

SERIE : **DP3T**

PART NUMBER : **R585F33100**

RF CHARACTERISTICS

Frequency range : **0 - 26.5 GHz**
 Impedance : **50 Ohms**

Frequency (GHz)	DC - 3	3 - 8	8 - 12.4	12.4 - 18	18 - 26.5
VSWR max	1.20	1.30	1.40	1.50	1.70
Insertion loss max	0.20 dB	0.30 dB	0.40 dB	0.50 dB	0.70 dB
Isolation min	80 dB	70 dB	60 dB	60 dB	55 dB
Average power (*)	240 W	150 W	120 W	100 W	40 W

ELECTRICAL CHARACTERISTICS

Actuator : **LATCHING**
 Nominal current ** : **160 mA**
 Actuator voltage (Vcc) : **28V (24 to 30V)**
 Terminals : **solder pins (250°C max. / 30 sec.)**
 TTL inputs (E) - High level : **2.2 to 5.5 V / 800µA at 5.5 V**
 - Low level : **0 to 0.8 V / 20µA at 0.8 V**

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**

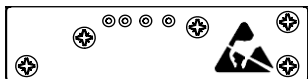
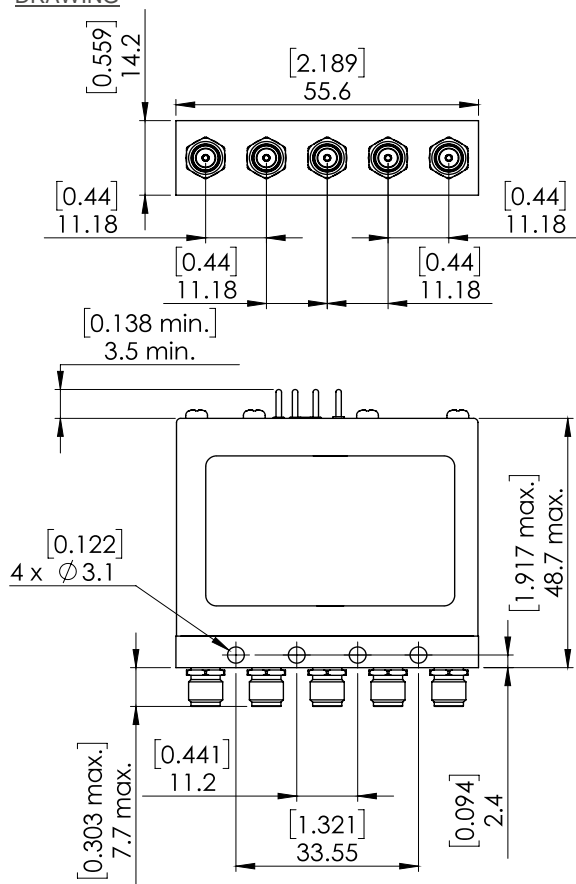
(* Average power at 25°C per RF Path)

(** At 25° C ±10%)

(*** Nominal voltage ; 25° C)

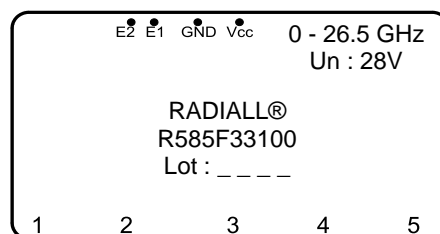


DRAWING



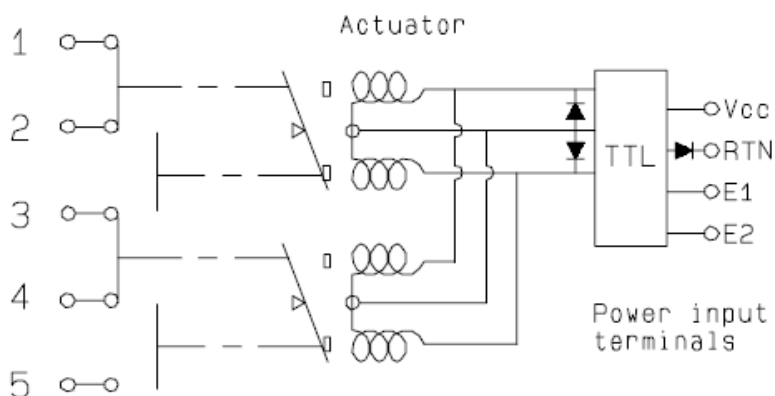
General tolerances : $\pm 0,5$ mm [0,02 in]

LABEL



SCHEMATIC DIAGRAM

RF input



TTL input	RF Continuity
E1=1 / E2=0	1 ↔ 2 / 3 ↔ 4
E1=0 / E2=1	2 ↔ 3 / 4 ↔ 5
E1=0 / E2=0	Memory
E1=1 / E2=1	Forbidden