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ISSUE 12-09-22

SERIE : DP3T

PART NUMBER : R585F22100

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 : FAILSAFE
Nominal current ** : 500 mA
Actuator voltage (Vcc) : 12V (10.2 to 13V)
Terminals : solder pins (250°C max. / 30 sec.)
Indicator rating : 1 W / 30 V / 100 mA
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

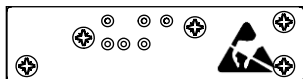
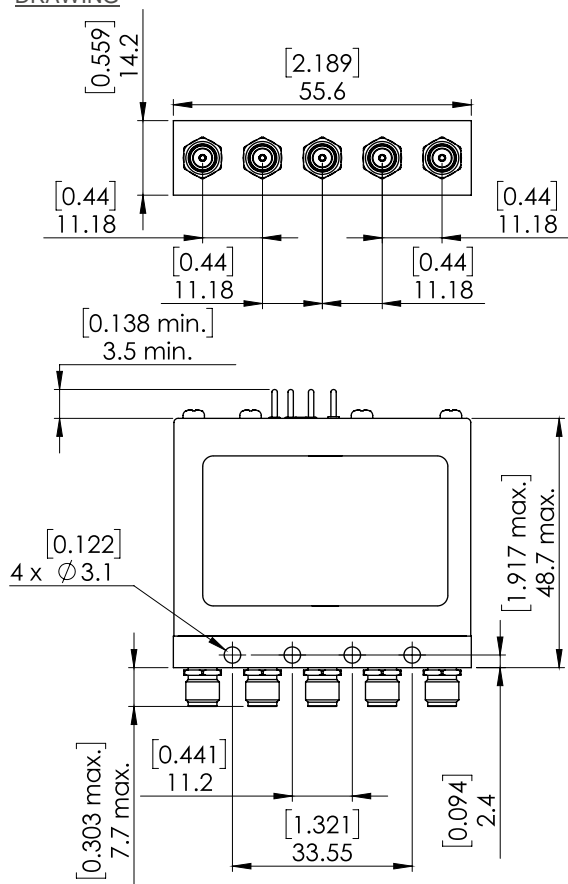
ENVIRONMENTAL CHARACTERISTICS

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)

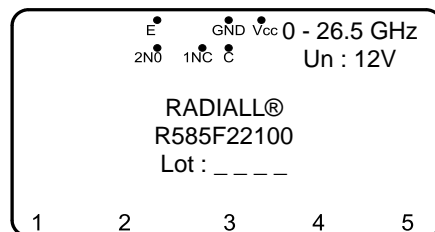


DRAWING

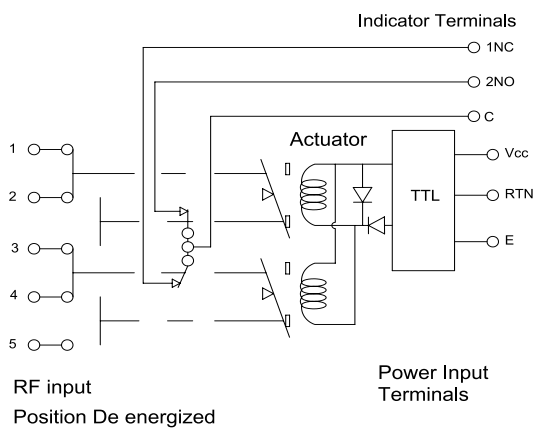


General tolerances : $\pm 0,5$ mm [0,02 in]

LABEL



SCHEMATIC DIAGRAM



TTL input	RF Continuity	Indicator
E = 0	1 ↔ 2 / 3 ↔ 4	C.1NC
E = 1	2 ↔ 3 / 4 ↔ 5	C.2NO