Technical Data Sheet

Terminated 4 ports bypass Ramses SMA 26.5GHz Latching Self-cut-off Indicators 12Vdc TTL Diodes External loads Pins terminals

PAGE **1/2**	ISSUE **09-03-21**	SERIE : **BYPASS**	PART NUMBER : **R585F62700**

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 ** : **420 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**
Self cut-off time : **40 ms < CT < 120 ms**
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

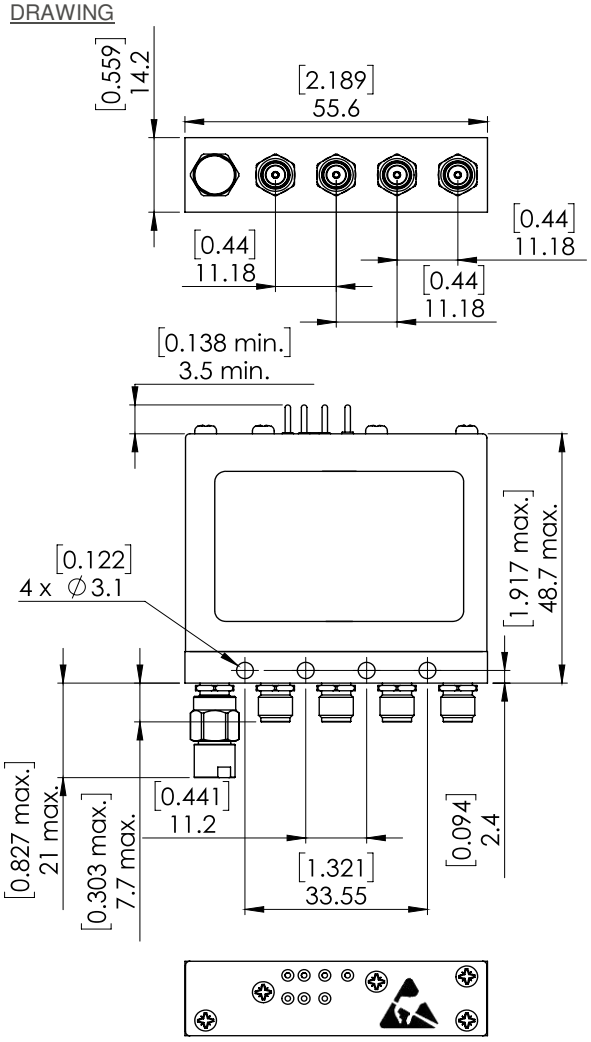
Connectors : **SMA female per MIL-C 39012**
Life : **10 million cycles**
Switching Time*** : **< 10 ms**
Construction : **Splashproof**
Weight : **< 100 g**

ENVIRONMENTAL CHARACTERISTICS

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

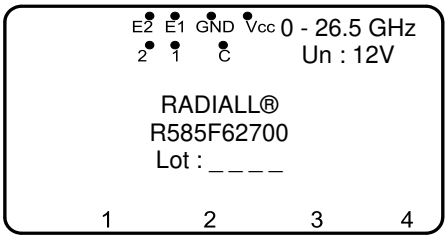
(* Average power at 25°C per RF Path)
(** At 25° C ±10%)
(*** Nominal voltage ; 25° C)

DRAWING

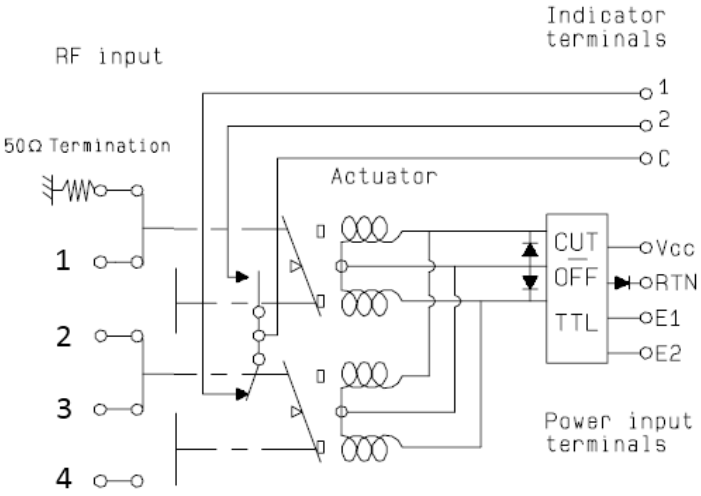


General tolerances : ±0,5 mm [0,02 in]

LABEL



SCHEMATIC DIAGRAM



TTL input	RF Continuity	Ind.
E1=1 / E2=0	50Ω ↔ 1 / 2 ↔ 3	C . 1
E1=0 / E2=1	1 ↔ 2 / 3 ↔ 4	C . 2
E1=0 / E2=0	Memory	-
E1=1 / E2=1	Forbidden	-