

RF CHARACTERISTICS

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

Frequency (GHz)	DC - 6	6 - 12.4	12.4 - 18	18 - 26.5	26.5 - 40	40 - 50
VSWR max	1.30	1.40	1.50	1.70	1.90	1.90
Insertion loss max	0.30 dB	0.40 dB	0.50 dB	0.70 dB	0.80 dB	1.10 dB
Isolation min	70 dB	60 dB	60 dB	55 dB	50 dB	50 dB
Average power (*)	80 W	60 W	50 W	20 W	10 W	5 W

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

MECHANICAL CHARACTERISTICS

Connectors : **2.4mm female (According to IEEE STD 287)**
Life : **2 million cycles**
Switching Time*** : **< 10 ms**
Construction : **Splashproof**
Weight : **< 100 g**

ENVIRONMENTAL CHARACTERISTICS

Operating temperature range : **-25°C to +70°C**
Storage temperature range : **-40°C to +85°C**

(* Average power at 25°C per RF Path)

(** At 25° C ±10%)

(*** Nominal voltage ; 25° C)



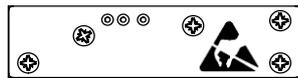
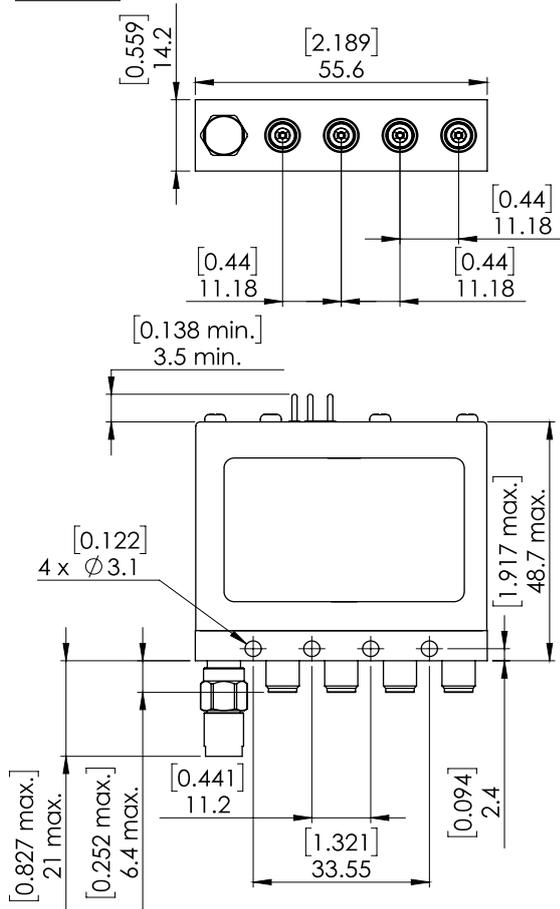
PAGE 2/2

ISSUE 09-03-21

SERIE : BYPASS

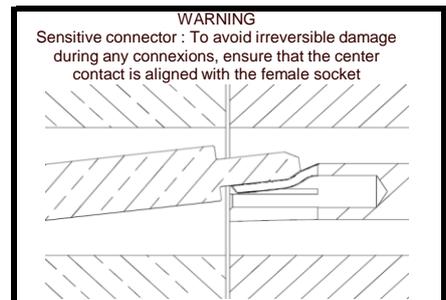
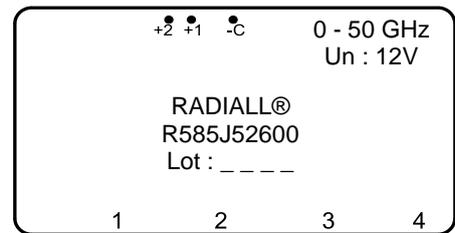
PART NUMBER : R585J52600

DRAWING



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

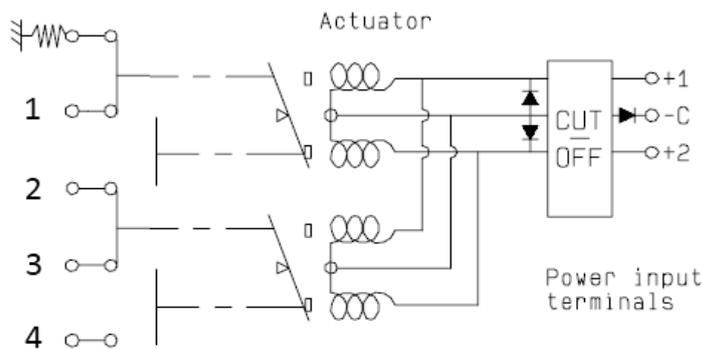
LABEL



SCHEMATIC DIAGRAM

RF input

50Ω Termination



Voltage	RF Continuity
-C +1	50Ω↔1 / 2↔3
-C +2	1↔2 / 3↔4