

PAGE 1/2

ISSUE 26-07-21

SERIE : BYPASS

PART NUMBER : R585J43600

## 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 \*\* : 160 mA  
Actuator voltage (Vcc) : 28V (24 to 30V) / NEGATIVE COMMON  
Terminals : solder pins (250°C max. / 30 sec.)  
Indicator rating : 1 W / 30 V / 100 mA

## 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)



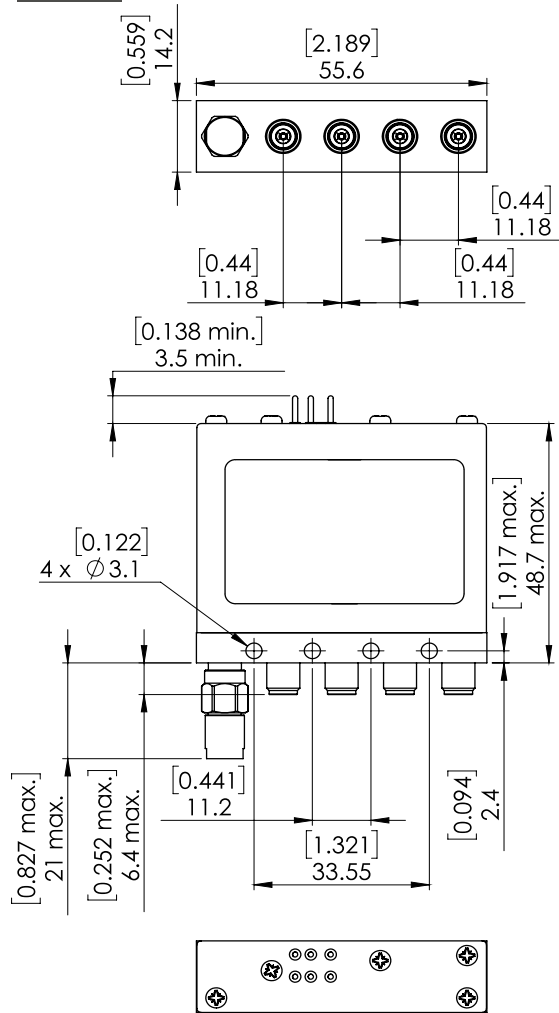
PAGE **2/2**

ISSUE **26-07-21**

SERIE : **BYPASS**

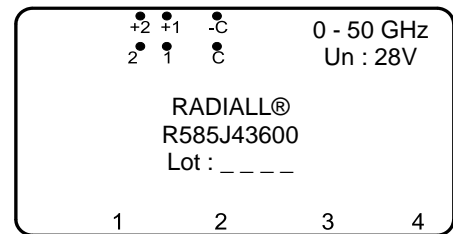
PART NUMBER : **R585J43600**

DRAWING



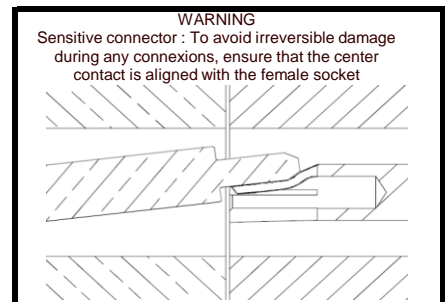
General tolerances :  $\pm 0,5$  mm [0,02 in]

**LABEL**

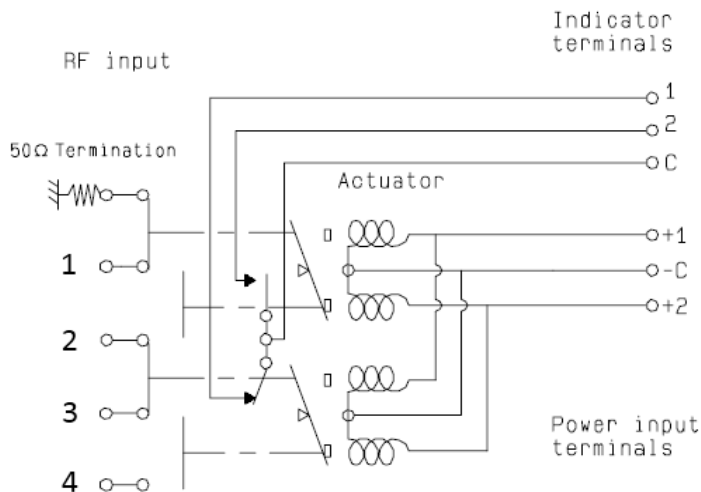


**WARNING**

Sensitive connector : To avoid irreversible damage during any connexions, ensure that the center contact is aligned with the female socket



SCHEMATIC DIAGRAM



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