



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

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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.)

 $\begin{array}{ll} \text{Indicator rating} & : 1 \text{ W} / 30 \text{ V} / 100 \text{ mA} \\ \text{Self cut-off time} & : 40 \text{ ms} < \text{CT} < 120 \text{ ms} \\ \end{array}$

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)







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PAGE 2/2 ISSUE **09-03-21** SERIE: BYPASS PART NUMBER: R585F62700 **DRAWING** 2.189 55.6 $\left[0.44\right]$ 0.44 า้า.า8 11.18 0.44 ์ 11.18 [0.138 min.] LABEL 3.5 min. E2 E1 GND Vcc 0 - 26.5 GHz Un: 12V **RADIALL®** [1.917 max.] 48.7 max. R585F62700 Lot : _ _ _ [0.122] $4 \times \emptyset 3.1$ 3 4 [0.827 max.] 21 max. [0.441][0.303 max.] 7.7 max. 0.094 11.2 1.321 33.55 0000**⊕** ⊙⊙ ⊙ **(** General tolerances: ±0,5 mm [0,02 in] SCHEMATIC DIAGRAM Indicator terminals RF input -02 50Ω Termination -o C Actuator RF Continuity TTL input Ind. \$-WW-С E1=1 / E2=0 50Ω ↔ 1 CUT -oVcc E1=0 / E2=1 С. OFF **→**ORTN E1=0 / E2=0 Memory E1=1 / E2=1 Forbidden -0E1 TTL -0E2 Power input terminals ∞