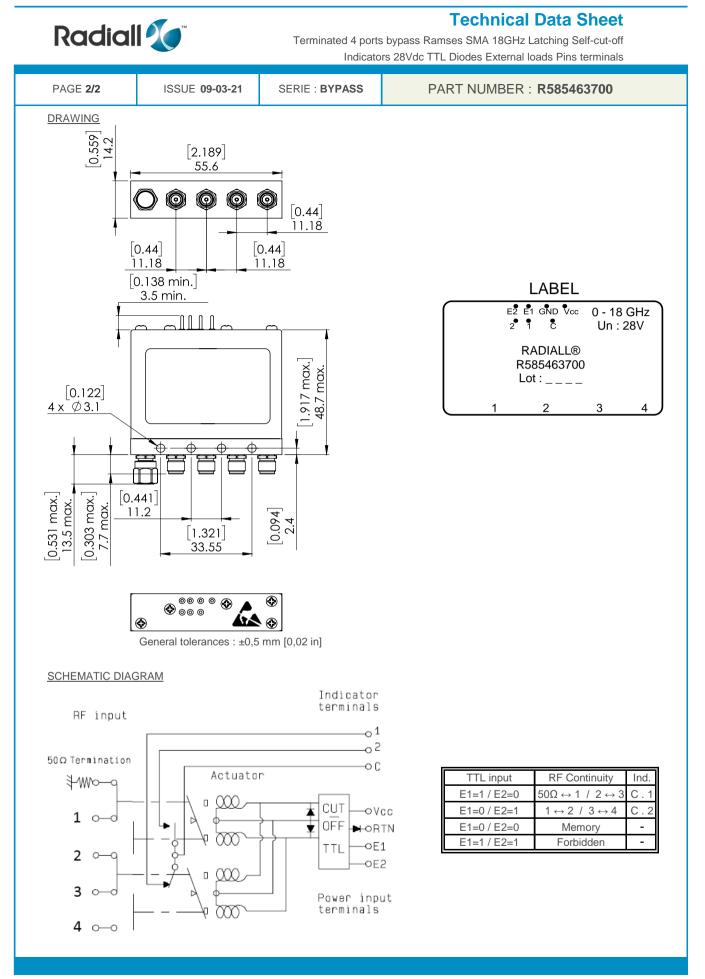


Technical Data Sheet

Terminated 4 ports bypass Ramses SMA 18GHz Latching Self-cut-off Indicators 28Vdc TTL Diodes External loads Pins terminals

| PAGE 1/2 ISSUE 09-03-21 | | 9-03-21 | SERIE : BYPASS | | PART NUMBER : R585463700 | | |
|---------------------------------------|-----------------|----------------------------|---|-------------------------------|---------------------------------|-------|--|
| RF CHARACTERISTICS | | | | | | | |
| | | | | | | | |
| Frequency range | | | | : 0 - 18 GHz | | | |
| Impedance | | | : | 50 Ohms | | | |
| | | | | | | | |
| Frequency (| GHz) | DC - 3 | 3 - 8 | 8 - 12.4 | 12.4 - 18 | | |
| VSWR max | | 1.20 | 1.30 | 1.40 | 1.50 | | |
| Insertion loss | s max | 0.20 dB | 0.30 dB | 0.40 dB | 0.50 dB | | |
| Isolation min | 1 | 80 dB | 70 dB | 60 dB | 60 dB | | |
| Average pow | ver (*) | 240 W | 150 W | 120 W | 100 W | | |
| | | | | | | - | |
| | | | | | | | |
| ELECTRICAL CHA | RACTERISTIC | S | | | | | |
| | | | | | | | |
| Actuator | | | : | : LATCHING | | | |
| Nominal current ** | | | : | : 160 mA | | | |
| Actuator voltage (Vcc) | | | | : 28V (24 to 30V) | | | |
| 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 | | | | | | | |
| MECHANICAL CH | ARACTERISTIC | 69 | | | | | |
| Connectore | | SMA female per MIL C 20012 | | | | | |
| Connectors Life | | | : SMA female per MIL-C 39012 : 10 million cycles | | | 59012 | |
| Switching Time*** | | | : < 10 ms | | | | |
| Construction | | | | Splashproo | | | |
| Weight | | | | : <100 g | | | |
| Weight | | | | | | | |
| | | | | | | | |
| | CHARACTER | ISTICS | | | | | |
| | _ <i></i> | | | | | | |
| Operating temperature range | | | | : -40°C to +85°C | | | |
| Storage temperature range | | | | : -55°C to +85°C | | | |
| etorago tom | r statato tango | | | | | ROHS | |
| | | | | | | | |
| (* Average power at 25°C per RF Path) | | | | | | | |
| (** At 25° C ±10%) | | | | O T | | | |
| (*** Nominal voltage ; 25° C) | | | | | | MPLIN | |
| | , | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

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