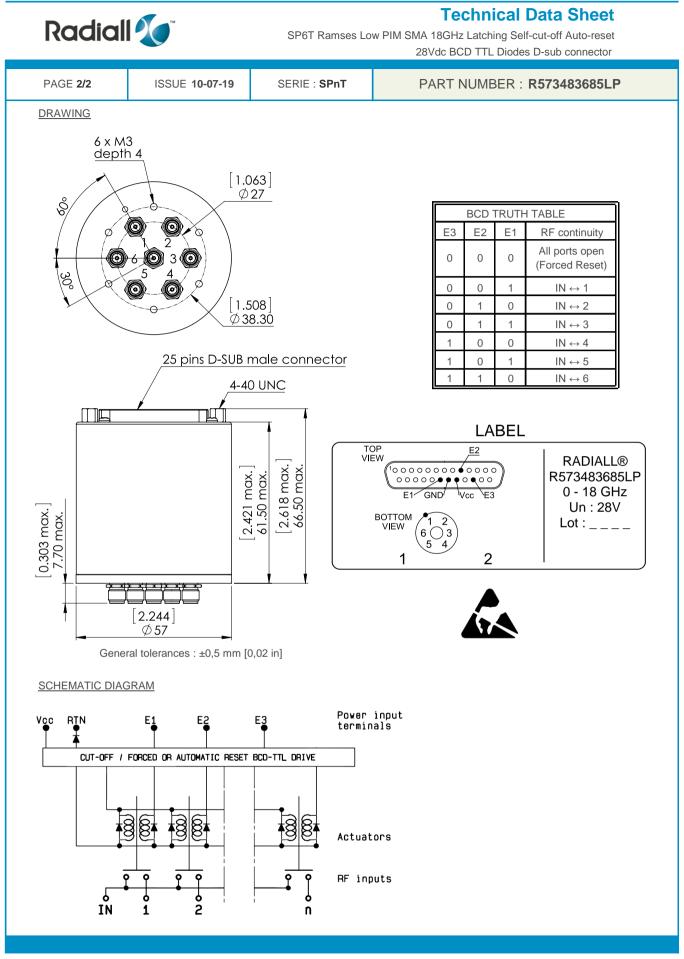


Technical Data Sheet

SP6T Ramses Low PIM SMA 18GHz Latching Self-cut-off Auto-reset 28Vdc BCD TTL Diodes D-sub connector

| | | | | | 20 V | | iodes D-sub connector | |
|--|---|------------|--------------|---|------------|-----------------------------------|-----------------------|--|
| PAGE 1/2 | GE 1/2 ISSUE 10-07-19 | | | SERIE : SPnT | | PART NUMBER : R573483685LP | | |
| RF CHARACTER | ISTICS | | | | | | | |
| Number of | Wave | | | 6 | | | | |
| Number of ways Frequency range | | | | : 6 : 0 - 18 GHz | | | | |
| Impedance | | | | 50 Ohms | | | | |
| Impedance | • | | | So Onins | | | | |
| Frequency | (GHz) | DC - 3 | 3 - 8 | 8 - 12.4 | 12.4 - 18 | | | |
| VSWR ma | x | 1.20 | 1.30 | 1.40 | 1.50 | | | |
| Insertion Ic | ss max | 0.20 dB | 0.30 dB | 0.40 dB | 0.50 dB | | | |
| Isolation m | in | 80 dB | 70 dB | 60 dB | 60 dB | | | |
| Average po | ower (*) | 240 W | 150 W | 120 W | 100 W | | | |
| | | | | | | - | | |
| | | | Passive inte | rmodulation | | | | |
| Tone 1 | | | | oximately 43 o | | | | |
| 2 A | | | | Hz, approximately 43 dBm | | | | |
| | | | | t 1770 MHz | | IJ | | |
| | on application is not measu | | | | neasuremen | ts can vary. | | |
| Actuator voltage (Vcc) Terminals Self cut-off time BCD inputs (E) - High level - Low level | | | : | 28V (24 to 30V) 25 pins D-SUB male connector 40 ms < CT < 120 ms 3.5 to 5.5 V / 800μA at 5.5 V 0 to 1.5 V / 20μA at 0.8 V | | | | |
| MECHANICAL C | HARACTERIS | TICS | | | | | | |
| Connectors**** | | | : | : SMA female per MIL-C 39012 | | | | |
| Life | | | : | 2 million cycles per position | | | | |
| Switching Time*** | | | : | : < 40 ms | | | | |
| Construction | | | : | : Splashproof | | | | |
| Construction | | | | | | | | |
| Weight | | | | < 220 g | | | | |
| | AL CHARACTI | ERISTICS | | < 220 g | | | | |
| Weight | AL CHARACT | | | < 220 g -25°C to +70 | 0°C | | | |
| Weight ENVIRONMENTA Operating | | inge | : | - | | | ROHS | |
| Weight ENVIRONMENT/ Operating Storage ter | emperature ra | inge ge | : | -25°C to +70 | | (| RoHS | |
| Weight ENVIRONMENT/ Operating Storage ter | emperature ra nperature rang ower at 25°C p | inge ge | : | -25°C to +70 | | | RoHS | |
| Weight <u>ENVIRONMENTA</u> Operating to Storage ter (* Average po (** At 25° C ±* | emperature ra nperature rang ower at 25°C p | inge ge | : | -25°C to +70 | | | RoHS COMPLIAN | |

This document contains proprietary information and such information shall not be disclosed to any third party for any purpose whatsoever or used for manufacturing purposes without prior written agreement from Radiall. The data defined in this document are given as an indication, in the effort to improve our products; we reserve the right to make any changes judged necessary.



This document contains proprietary information and such information shall not be disclosed to any third party for any purpose whatsoever or used for manufacturing purposes without prior written agreement from Radiall. The data defined in this document are given as an indication, in the effort to improve our products; we reserve the right to make any changes judged necessary.