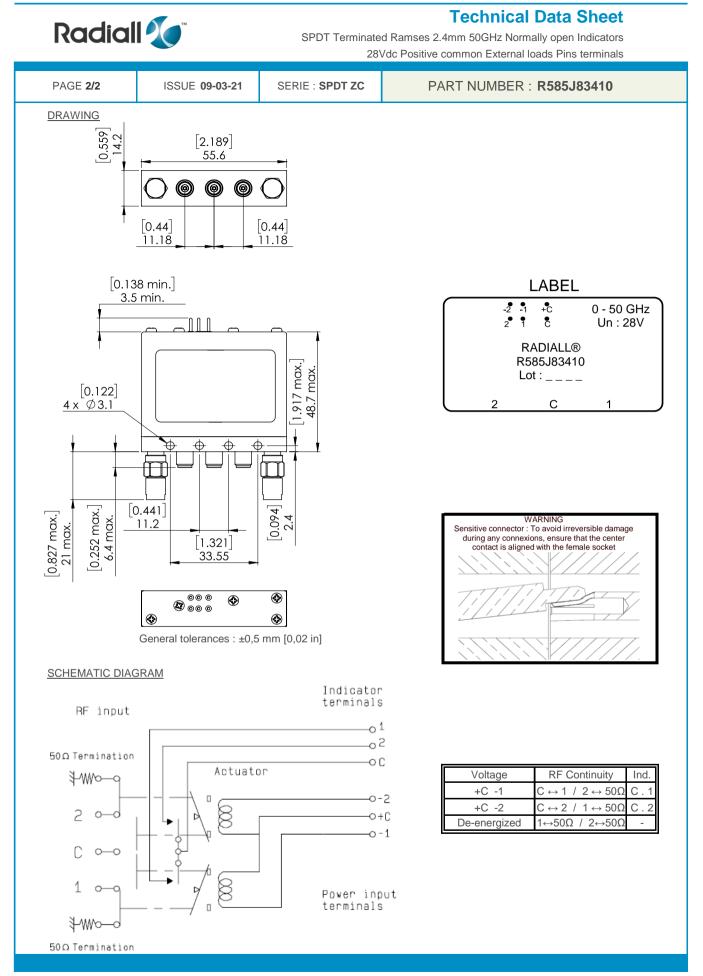


## **Technical Data Sheet**

SPDT Terminated Ramses 2.4mm 50GHz Normally open Indicators 28Vdc Positive common External loads Pins terminals

| PAGE <b>1/2</b>                                  | ISSUE                                   | 09-03-21        | SERIE : SPDT ZC |   | PART NUMBER : <b>R585J83410</b> |                 |                 |       |  |
|--|---|-----------------|-----------------|---|---------------------------------|-----------------|-----------------|-------|--|
| RF CHARACTERI                                    | STICS                                   |                 |                 |   |                                 |                 |                 |       |  |
| KI CHARACTERI                                    | 31103                                   |                 |                 |   |                                 |                 |                 |       |  |
| Frequency r                                      | ange                                    |                 | :               | 0 - 50 GHz  |                                 |                 |                 |       |  |
| Impedance  |   |                 | :               | 50 Ohms   |                                 |                 |                 |       |  |
| <b></b>  |   |                 |                 | 1   |                                 |                 | ]               |       |  |
| Frequency (                                      |   | DC - 6          | 6 - 12.4        | 12.4 - 18   | 18 - 26.5                       | 26.5 - 40       | 40 - 50         |       |  |
| VSWR max<br>Insertion los                        |   | 1.30<br>0.30 dB | 1.40<br>0.40 dB | 1.50<br>0.50 dB   | 1.70<br>0.70 dB                 | 1.90<br>0.80 dB | 1.90<br>1.10 dB |       |  |
| Isolation mi                                     |   | 70 dB           | 60 dB           | 60 dB   | 55 dB                           | 50 dB           | 50 dB           |       |  |
| Average po                                       |   | 80 W            | 60 W            | 50 W  | 20 W                            | 10 W            | 5 W             |       |  |
|  |   |                 |                 | -   | ·                               |                 |                 |       |  |
|  |   |                 |                 |   |                                 |                 |                 |       |  |
| ELECTRICAL CH                                    | ARACTERIST                              | ICS             |                 |   |                                 |                 |                 |       |  |
|  |   |                 |                 |   |                                 |                 |                 |       |  |
| Actuator   |   |                 |                 | NORMALLY  | OPEN                            |                 |                 |       |  |
| Nominal current **                               |   |                 |                 | 102 mA  |                                 |                 | N               |       |  |
| Actuator voltage (Vcc)<br>Terminals              |   |                 |                 | : 28V (24 to 30V) / POSITIVE COMMON<br>: solder pins (250°C max. / 30 sec.) |                                 |                 |                 |       |  |
| Indicator rating                                 |   |                 |                 | : 1 W / 30 V / 100 mA   |                                 |                 |                 |       |  |
|  | 0                                       |                 |                 |   |                                 |                 |                 |       |  |
| Connectors<br>Life                               |   |                 |                 | : 2.4mm female (Accoding to IEEE STD 287)<br>: 2 million cycles             |                                 |                 |                 |       |  |
| Switching Time***                                |   |                 |                 | : < 10 ms   |                                 |                 |                 |       |  |
| Construction                                     |   |                 | Splashproo      | f   |                                 |                 |                 |       |  |
| Weight   |   | :               | < 100 g         |   |                                 |                 |                 |       |  |
| ENVIRONMENTA                                     | L CHARACTE                              | RISTICS         |                 |   |                                 |                 |                 |       |  |
|  |   |                 |                 |   |                                 |                 |                 |       |  |
| Operating te                                     | emperature rai                          | nae             | :               | -25°C to +70  | 0°C                             |                 |                 |       |  |
|  | emperature rai                          |                 |                 | -25°C to +70<br>-40°C to +8   |                                 |                 |                 |       |  |
|  |   |                 |                 |   |                                 |                 | ROHS            |       |  |
| Storage terr                                     | perature rang                           | le              |                 |   |                                 |                 | RoHs            |       |  |
| Storage terr<br>(* Average po                    | nperature rang<br>wer at 25°C pe        | le              |                 |   |                                 |                 |                 | ).    |  |
| Storage ten<br>(* Average por<br>(** At 25° C ±1 | nperature rang<br>wer at 25°C pe<br>0%) | le              |                 |   |                                 |                 | ROHS<br>COMPLI  | · In  |  |
| Storage ten<br>(* Average por<br>(** At 25° C ±1 | nperature rang<br>wer at 25°C pe        | le              |                 |   |                                 |                 | RoHs<br>COMPLI  |       |  |
| Storage ten<br>(* Average por<br>(** At 25° C ±1 | nperature rang<br>wer at 25°C pe<br>0%) | le              |                 |   |                                 |                 | RoHg<br>COMPLI  | · Int |  |
| Storage ten<br>(* Average por<br>(** At 25° C ±1 | nperature rang<br>wer at 25°C pe<br>0%) | le              |                 |   |                                 |                 | RoHs<br>COMPLU  |       |  |
| Storage ten<br>(* Average por<br>(** At 25° C ±1 | nperature rang<br>wer at 25°C pe<br>0%) | le              |                 |   |                                 |                 | RoHg<br>COMPLI  | ·     |  |
| Storage ten<br>(* Average por<br>(** At 25° C ±1 | nperature rang<br>wer at 25°C pe<br>0%) | le              |                 |   |                                 |                 | RoHs<br>COMPLI  | ···   |  |

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