

## **Technical Data Sheet**

SP4T Ramses 2.4mm 50GHz Normally open 12Vdc TTL Diodes Pins Terminals

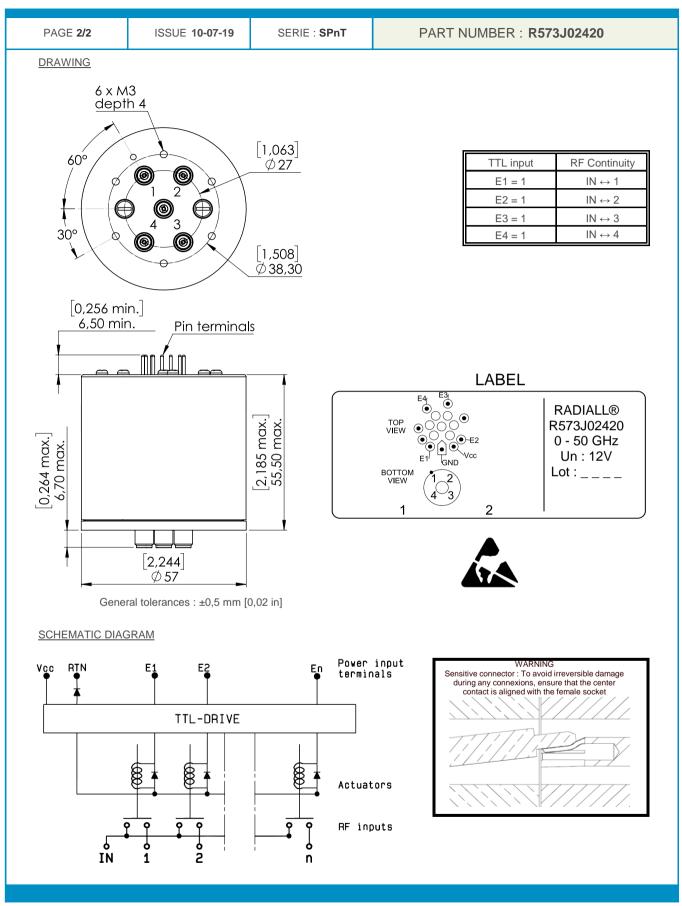
|             | GE 1/2                                                                                                                      | 1000L                                                                                                                      | 10-07-19                  | SERIE                                   | : SPnT                                                                                                                          | PA                                                                                 | RT NUME                  | BER : <b>R573</b> | J02420 |
|-------------|-----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|---------------------------|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------|-------------------|--------|
| RF C        | HARACTERIS                                                                                                                  | STICS                                                                                                                      |                           |                                         |                                                                                                                                 |                                                                                    |                          |                   |        |
|             | Number of w                                                                                                                 | ays                                                                                                                        |                           | :                                       | 4                                                                                                                               |                                                                                    |                          |                   |        |
|             | Frequency ra                                                                                                                | ange                                                                                                                       |                           | :                                       | 0 - 50 GHz                                                                                                                      |                                                                                    |                          |                   |        |
|             | Impedance                                                                                                                   |                                                                                                                            |                           | :                                       | 50 Ohms                                                                                                                         |                                                                                    |                          |                   |        |
|             | Frequency (0                                                                                                                | 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                     | 2.20              |        |
|             | Insertion loss                                                                                                              | s max                                                                                                                      | 0.20 dB                   | 0.40 dB                                 | 0.50 dB                                                                                                                         | 0.70 dB                                                                            | 0.90 dB                  | 1.20 dB           |        |
|             | Isolation min                                                                                                               |                                                                                                                            | 70 dB                     | 60 dB                                   | 60 dB                                                                                                                           | 55 dB                                                                              | 50 dB                    | 50 dB             |        |
|             | Average pow                                                                                                                 | /er (*)                                                                                                                    | 40 W                      | 30 W                                    | 25 W                                                                                                                            | 15 W                                                                               | 5 W                      | 3 W               |        |
|             | Nominal curr<br>Actuator volt<br>Terminals                                                                                  |                                                                                                                            |                           | :                                       | 250 mA<br>12V (10.2 to<br>solder pins                                                                                           | -                                                                                  | / 30 sec.)               |                   |        |
|             |                                                                                                                             | age (Vcc)                                                                                                                  |                           | :                                       |                                                                                                                                 | (250°C max<br>/ 800µA at 5.                                                        | 5 V                      |                   |        |
| <u>/IEC</u> | Actuator volt<br>Terminals<br>TTL inputs (E                                                                                 | age (Vcc)<br>E) - High<br>- Low                                                                                            | level                     | ::::::::::::::::::::::::::::::::::::::: | 12V (10.2 to<br>solder pins<br>2.2 to 5.5 V<br>0 to 0.8 V / 2                                                                   | (250°C max<br>/ 800µA at 5.<br>20µA at 0.8 V                                       | 5 V                      | -D 007)           |        |
| ЛЕС         | Actuator volt<br>Terminals<br>TTL inputs (E<br>HANICAL CH/                                                                  | age (Vcc)<br>E) - High<br>- Low                                                                                            | level                     | :                                       | 12V (10.2 to<br>solder pins<br>2.2 to 5.5 V<br>0 to 0.8 V / 2<br>2.4mm fema                                                     | (250°C max.<br>/ 800µA at 5.<br>20µA at 0.8 \<br>20µA at 0.8 \                     | 5 V<br>,<br>g to IEEE ST | ſD 287)           |        |
| ЛЕС         | Actuator volt<br>Terminals<br>TTL inputs (f<br>HANICAL CH/<br>Connectors<br>Life                                            | age (Vcc)<br>E) - High<br>- Low                                                                                            | level                     | :                                       | 12V (10.2 to<br>solder pins<br>2.2 to 5.5 V<br>0 to 0.8 V / 2                                                                   | (250°C max.<br>/ 800µA at 5.<br>20µA at 0.8 \<br>20µA at 0.8 \                     | 5 V<br>,<br>g to IEEE ST | ſD 287)           |        |
| <u>1EC</u>  | Actuator volt<br>Terminals<br>TTL inputs (E<br>HANICAL CH/                                                                  | age (Vcc)<br>E) - High<br>- Low<br>ARACTERIS                                                                               | level                     | :                                       | 12V (10.2 to<br>solder pins<br>2.2 to 5.5 V<br>0 to 0.8 V / 2<br>2.4mm fema<br>2 million cy                                     | (250°C max<br>/ 800μA at 5.<br>20μA at 0.8 V<br>ale (Accodin<br>cles per pos       | 5 V<br>,<br>g to IEEE ST | ſD 287)           |        |
| <u>1EC</u>  | Actuator volt<br>Terminals<br>TTL inputs (I<br>HANICAL CH/<br>Connectors<br>Life<br>Switching Tir                           | age (Vcc)<br>E) - High<br>- Low<br>ARACTERIS                                                                               | level                     | :                                       | 12V (10.2 to<br>solder pins<br>2.2 to 5.5 V<br>0 to 0.8 V / 2<br>2.4mm fema<br>2 million cy<br>< 15 ms                          | (250°C max<br>/ 800μA at 5.<br>20μA at 0.8 V<br>ale (Accodin<br>cles per pos       | 5 V<br>,<br>g to IEEE ST | ſD 287)           |        |
|             | Actuator volt<br>Terminals<br>TTL inputs (f<br>HANICAL CH/<br>Connectors<br>Life<br>Switching Tir<br>Construction           | age (Vcc)<br>E) - High<br>- Low<br>ARACTERIS                                                                               | level<br>TICS             | :                                       | 12V (10.2 to<br>solder pins<br>2.2 to 5.5 V<br>0 to 0.8 V / 2<br>2.4mm fema<br>2 million cy<br>< 15 ms<br>Splashproo            | (250°C max<br>/ 800μA at 5.<br>20μA at 0.8 V<br>ale (Accodin<br>cles per pos       | 5 V<br>,<br>g to IEEE ST | ſD 287)           |        |
|             | Actuator volt<br>Terminals<br>TTL inputs (f<br>HANICAL CH/<br>Connectors<br>Life<br>Switching Tir<br>Construction<br>Weight | age (Vcc)<br>E) - High<br>- Low<br>ARACTERIS<br>Me***                                                                      | Ievel<br>TICS<br>ERISTICS |                                         | 12V (10.2 to<br>solder pins<br>2.2 to 5.5 V<br>0 to 0.8 V / 2<br>2.4mm fema<br>2 million cy<br>< 15 ms<br>Splashproo<br>< 220 g | (250°C max.<br>/ 800μA at 5.<br>20μA at 0.8 V<br>ale (Accodin<br>cles per pos      | 5 V<br>,<br>g to IEEE ST | ſD 287)           |        |
|             | Actuator volt<br>Terminals<br>TTL inputs (I<br>HANICAL CH/<br>Connectors<br>Life<br>Switching Tir<br>Construction<br>Weight | age (Vcc)<br>E) - High<br>- Low<br>ARACTERIS<br>MRACTERIS<br>ARACTERIS<br>ARACTERIS<br>ARACTERIS<br>ARACTERIS<br>ARACTERIS | Ievel<br>TICS<br>ERISTICS |                                         | 12V (10.2 to<br>solder pins<br>2.2 to 5.5 V<br>0 to 0.8 V / 2<br>2.4mm fema<br>2 million cy<br>< 15 ms<br>Splashproo            | (250°C max.<br>/ 800µA at 5.<br>20µA at 0.8 V<br>ale (Accodin<br>cles per pos<br>f | 5 V<br>,<br>g to IEEE ST | TD 287)           |        |

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