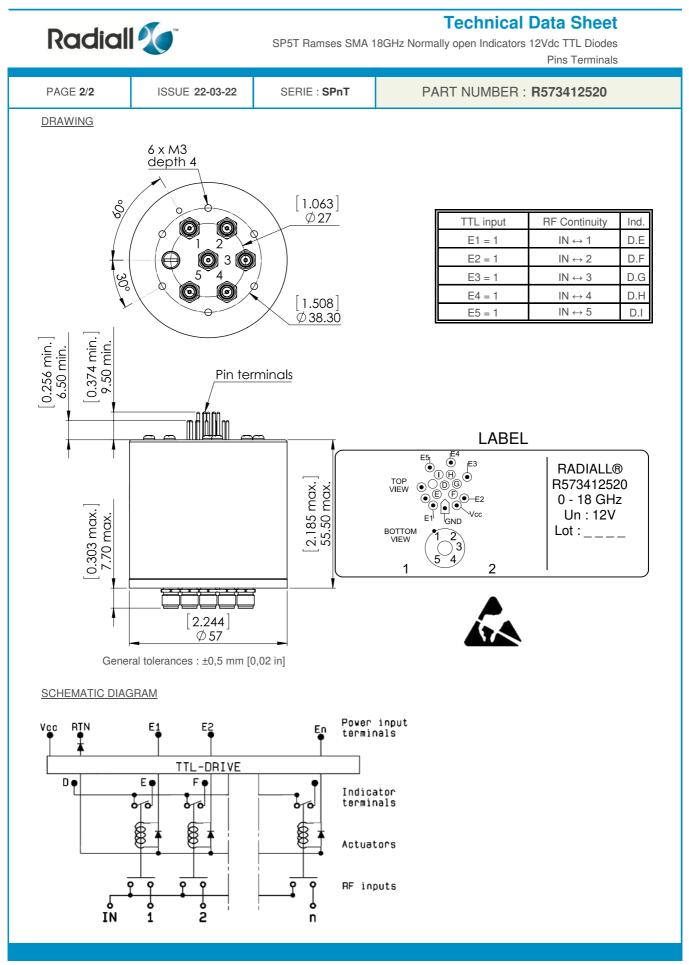


**Technical Data Sheet** 

SP5T Ramses SMA 18GHz Normally open Indicators 12Vdc TTL Diodes Pins Terminals

|                          | GE 1/2   | ISSUE   | 22-03-22                      | SERIE                                   | : SPnT  | PA   | RT NUMBE   | ER : <b>R573</b> | 412520 |
|--------------------------|--|---|-------------------------------|---|---|--|------------|------------------|--------|
| <u>RF C</u>              | HARACTERIS   | STICS   |                               |   |   |  |            |                  |        |
|                          | Number of w  | avs   |                               |   | 5   |  |            |                  |        |
|                          | Frequency ra   | -   |                               |   | 0 - 18 GHz  |  |            |                  |        |
|                          | Impedance  |   |                               |   | 50 Ohms   |  |            |                  |        |
|                          |  |   |                               |   |   |  |            |                  |        |
|                          | Frequency (0   | 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  |   | 80 dB                         | 70 dB                                   | 60 dB   | 60 dB  |            |                  |        |
|                          | Average pow  | ver (*)   | 240 W                         | 150 W                                   | 120 W   | 100 W  |            |                  |        |
|                          |  |   |                               |   |   |  |            |                  |        |
|                          | CTRICAL CHA  | BACTERIST   |                               |   |   |  |            |                  |        |
|                          |  | INAU I ENIS I   | 103                           |   |   |  |            |                  |        |
|                          | Actuator   |   |                               | :                                       | NORMALLY  | OPEN   |            |                  |        |
|                          | Nominal curr   | rent **   |                               | :                                       | 250 mA  |  |            |                  |        |
|                          | Actuator volt  | age (Vcc)   |                               | :                                       | 12V (10.2 to  | 13V)   |            |                  |        |
|                          | Terminals  |   |                               | :                                       | solder pins   | (250°C max.                                    | / 30 sec.) |                  |        |
|                          | Indicator rati   | •   |                               |   | 1 W / 30 V /  |  |            |                  |        |
|                          | TTL inputs (I  |   |                               |   |   | / 800µA at 5.                                  |            |                  |        |
|                          |  | - Low   | level                         | :                                       | 0 to 0.8 V / 2  | <u> </u>                                       |            |                  |        |
|                          |  |   |                               |   |   | 20μΑ at 0.0 V                                  |            |                  |        |
|                          |  |   |                               |   |   | 20μΑ αι 0.0 ν                                  |            |                  |        |
| MEC                      | HANICAL CH   | ARACTERIS   | TICS                          |   |   | 20μΑ at 0.0 v                                  |            |                  |        |
| MEC                      | HANICAL CH   | ARACTERIS   | TICS                          |   |   | 20μΑ at 0.0 V                                  |            |                  |        |
| <u>MEC</u>               | HANICAL CH   | ARACTERIS   | TICS                          |   |   | e per MIL-C 3                                  |            |                  |        |
| <u>MEC</u>               |  | ARACTERIS   | TICS                          | :                                       | SMA female  | -  | 9012       |                  |        |
| <u>MEC</u>               | Connectors   |   | TICS                          | :                                       | SMA female<br>5 million cy<br>< 15 ms   | e per MIL-C 3<br>cles per pos                  | 9012       |                  |        |
| MEC                      | Connectors<br>Life<br>Switching Tir<br>Construction  | me***   | <u>TICS</u>                   | :                                       | SMA female<br>5 million cy<br>< 15 ms<br>Splashprod                           | e per MIL-C 3<br>cles per pos                  | 9012       |                  |        |
| <u>MEC</u>               | Connectors<br>Life<br>Switching Tir  | me***   | TICS                          | :                                       | SMA female<br>5 million cy<br>< 15 ms   | e per MIL-C 3<br>cles per pos                  | 9012       |                  |        |
| <u>MEC</u>               | Connectors<br>Life<br>Switching Tir<br>Construction  | me***   | TICS                          | :                                       | SMA female<br>5 million cy<br>< 15 ms<br>Splashprod                           | e per MIL-C 3<br>cles per pos                  | 9012       |                  |        |
|                          | Connectors<br>Life<br>Switching Tin<br>Construction<br>Weight  | me***<br>I  |                               | :                                       | SMA female<br>5 million cy<br>< 15 ms<br>Splashprod                           | e per MIL-C 3<br>cles per pos                  | 9012       |                  |        |
|                          | Connectors<br>Life<br>Switching Tir<br>Construction  | me***<br>I  |                               | :                                       | SMA female<br>5 million cy<br>< 15 ms<br>Splashprod                           | e per MIL-C 3<br>cles per pos                  | 9012       |                  |        |
|                          | Connectors<br>Life<br>Switching Tin<br>Construction<br>Weight  | me***<br>-<br>- CHARACTE  | ERISTICS                      | ::::::::::::::::::::::::::::::::::::::: | SMA female<br>5 million cy<br>< 15 ms<br>Splashprod                           | e per MIL-C 3<br>cles per pos<br>f             | 9012       |                  |        |
|                          | Connectors<br>Life<br>Switching Tir<br>Construction<br>Weight  | me***<br>   | <u>ERISTICS</u>               | : | SMA female<br>5 million cy<br>< 15 ms<br>Splashprod<br>< 220 g                | e per MIL-C 3<br>cles per pos<br>f<br>5°C      | 9012       |                  |        |
|                          | Connectors<br>Life<br>Switching Tii<br>Construction<br>Weight<br>IRONMENTAL  | me***<br>   | <u>ERISTICS</u>               | : | SMA female<br>5 million cy<br>< 15 ms<br>Splashproc<br>< 220 g<br>-40°C to +8 | e per MIL-C 3<br>cles per pos<br>f<br>5°C      | 9012       | RoH              | 3      |
| ENVI                     | Connectors<br>Life<br>Switching Tir<br>Construction<br>Weight<br>IRONMENTAL<br>Operating te<br>Storage tem                                 | me***<br><u>- CHARACTE</u><br>mperature rang  | <u>ERISTICS</u><br>unge<br>ge | : | SMA female<br>5 million cy<br>< 15 ms<br>Splashproc<br>< 220 g<br>-40°C to +8 | e per MIL-C 3<br>cles per pos<br>f<br>5°C      | 9012       | RoH              | 8      |
| <u>ENVI</u><br>(*        | Connectors<br>Life<br>Switching Tir<br>Construction<br>Weight<br>IRONMENTAL<br>Operating te<br>Storage tem                                 | me***<br><u>CHARACTE</u><br>mperature rang<br>perature rang                         | <u>ERISTICS</u><br>unge<br>ge | : | SMA female<br>5 million cy<br>< 15 ms<br>Splashproc<br>< 220 g<br>-40°C to +8 | e per MIL-C 3<br>cles per pos<br>f<br>5°C      | 9012       | RoH              |        |
| <u>ENVI</u><br>(*<br>(** | Connectors<br>Life<br>Switching Tii<br>Construction<br>Weight<br>IRONMENTAL<br>Operating te<br>Storage temp<br>Average pow<br>At 25° C ±10 | me***<br><u>CHARACTE</u><br>mperature rang<br>perature rang<br>ver at 25°C p<br>)%) | <u>ERISTICS</u><br>unge<br>ge | : | SMA female<br>5 million cy<br>< 15 ms<br>Splashproc<br>< 220 g<br>-40°C to +8 | e per MIL-C 3<br>cles per pos<br>f<br>5°C      | 9012       | RoH              |        |
| <u>ENVI</u><br>(*        | Connectors<br>Life<br>Switching Tir<br>Construction<br>Weight<br>IRONMENTAL<br>Operating te<br>Storage tem                                 | me***<br><u>CHARACTE</u><br>mperature rang<br>perature rang<br>ver at 25°C p<br>)%) | <u>ERISTICS</u><br>unge<br>ge | : | SMA female<br>5 million cy<br>< 15 ms<br>Splashproc<br>< 220 g<br>-40°C to +8 | e per MIL-C 3<br>cles per pos<br>f<br>5°C      | 9012       | ROH              |        |
| <u>ENVI</u><br>(*<br>(** | Connectors<br>Life<br>Switching Tii<br>Construction<br>Weight<br>IRONMENTAL<br>Operating te<br>Storage temp<br>Average pow<br>At 25° C ±10 | me***<br><u>CHARACTE</u><br>mperature rang<br>perature rang<br>ver at 25°C p<br>)%) | <u>ERISTICS</u><br>unge<br>ge | : | SMA female<br>5 million cy<br>< 15 ms<br>Splashproc<br>< 220 g<br>-40°C to +8 | e per MIL-C 3<br>cles per pos<br>f<br>f<br>5°C | 9012       | RoH              |        |

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