



**NEOTECH**

# GSPST1000.1800SF231.8

SPST SWITCH

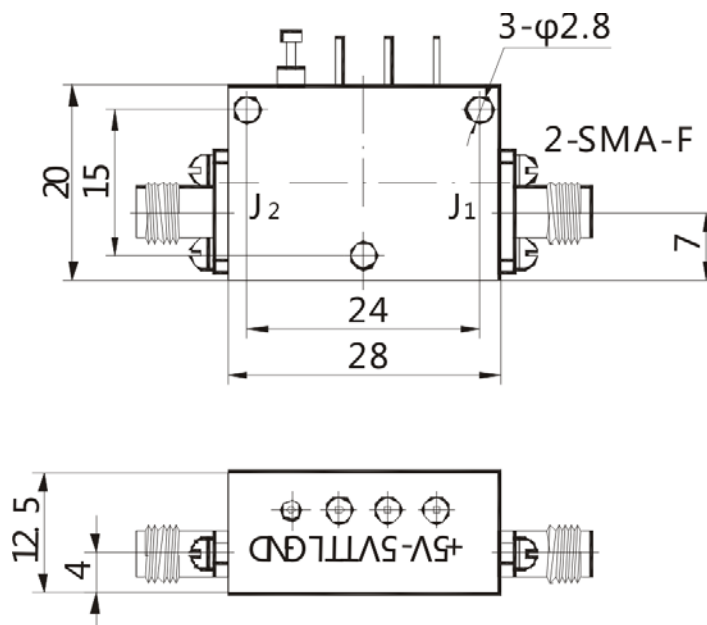
DATASHEET

## ELECTRICAL SPECIFICATIONS

| Parameter               | Minimum                                                             | Typical | Maximum | Units |
|-------------------------|---------------------------------------------------------------------|---------|---------|-------|
| Frequency Range         | 10                                                                  | -       | 18      | GHz   |
| Isolation               | 60                                                                  | -       | -       | dB    |
| Insertion Loss          | -                                                                   | 1.8     | 2.2     | dB    |
| VSWR                    | -                                                                   | -       | 2.0     | -     |
| Switch Time             | -                                                                   | -       | 50      | ns    |
| Operating Power         | -                                                                   | -       | 23      | dBm   |
| Power Supply            | -                                                                   | $\pm 5$ | -       | V     |
| Control Logic           | Single TTL, "0" = ON, "1" = OFF<br>2.4V < "1" < 5V, 0V < "0" < 0.8V |         |         |       |
| Operating Temperature   | -40                                                                 | -       | +85     | °C    |
| Finished                | Inner: Gold Plated<br>Surface: Alodine and laser sealing            |         |         |       |
| Input/Output Connectors | SMA-F                                                               |         |         |       |

## OUTLINE DRAWING

- Dimensions in mm



| Rev. | Description | Date | Approved by |
|------|-------------|------|-------------|
|      |             |      |             |
|      |             |      |             |

For more information, please contact us at [info@myneotech.com](mailto:info@myneotech.com)