

| REV | DESCRIPTION OF REVISION | By     | DATE      | APPROVED |
|-----|-------------------------|--------|-----------|----------|
| A   | INITIAL RELEASE         | C. Cai | 2024/5/17 | C. Chen  |

## TECHNICAL DATA

### ► Electrical Data

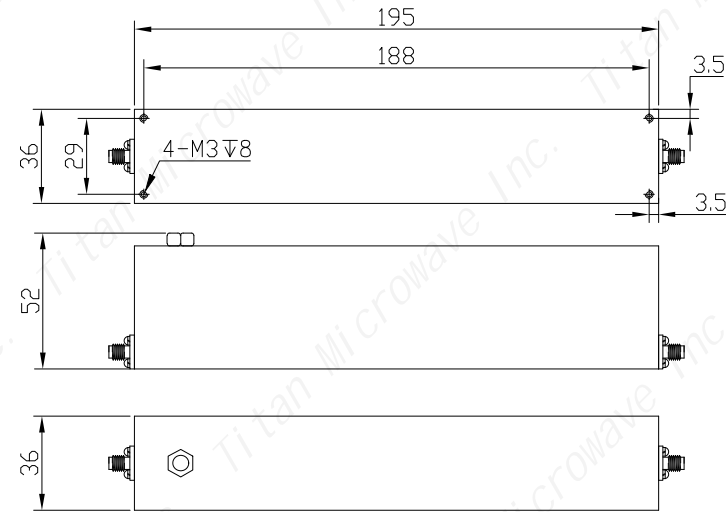
|                          |                         |
|--------------------------|-------------------------|
| Stop Band Frequency      | 921~960MHz              |
| Stop Band Attenuation    | ≥40dB                   |
| Pass Band Frequency      | DC~911MHz & 970~1800MHz |
| Pass Band Insertion Loss | ≤2.0dB                  |
| Pass Band VSWR           | ≤2.0:1                  |
| Power Handling           | 20W                     |
| Impedance                | 50 Ohms                 |

### ► Mechanical Data

|                |               |
|----------------|---------------|
| Dimensions     | 195×47×36mm   |
| Connectors     | SMA-Female    |
| Surface Finish | Black Painted |


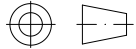
### ► Environmental Data

|                       |           |
|-----------------------|-----------|
| Operating Temperature | -30℃~+70℃ |
| Storage Temperature   | -55℃~+85℃ |



#### Notes:

- ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME
- CUSTOMER OUTLINE DRAWING FOR REFERENCE ONLY

|                                      |  |   |       |  |        |
|--------------------------------------|--|---|-------|--|--------|
| DRAWN: L. Ma 17/05/24                | TITLE:<br>Band Reject Filter,<br>921~960MHz, Stop Band<br>Rejection 40dB, 20W,<br>SMA-Female | <br><b>成都巨人微波</b><br><b>TITAN MICROWAVE INC.</b><br><small>- A Professional RF &amp; Microwave Components Supplier -</small> |       |  |        |
| ENGINEER: J. Zhu 17/05/24            |  |   |       | <a href="http://www.titan-microwave.com">www.titan-microwave.com</a> |        |
| APPROVED: C. Chen 17/05/24           |  | <br>DIMENSIONS IN MILLIMETERS(mm)  |       |  |        |
| TOLERANCE UNLESS OTHERWISE SPECIFIED | PART No.:  |   | SIZE: | SCALE:   | SHEET: |
| x ±0.50 [0.019"]                     | TRF-921M960M-40S   | A4  |       | 1/1  | A      |
| .x ±0.20 [0.008"]                    |  |   |       |  |        |
| .xx ±0.10 [0.004"]                   |  |   |       |  |        |
| ANGLES ±1°                           |  |   |       |  |        |