

| REV | DESCRIPTION OF REVISION | By | DATE | APPROVED |
|-----|-------------------------|--------|-----------|----------|
| A | INITIAL RELEASE | C. Cai | 2023/9/12 | C. Chen |

TECHNICAL DATA

► Electrical Data

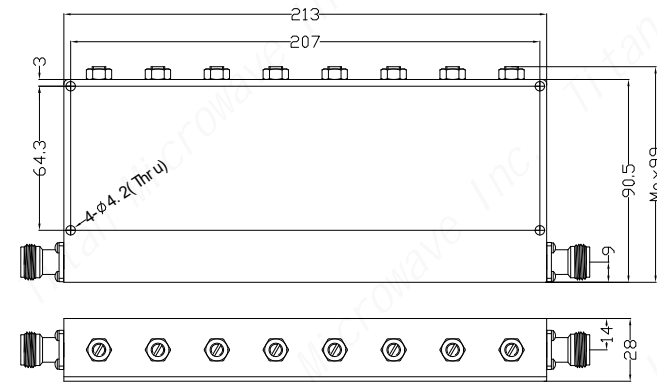
| | |
|--------------------------|---|
| Stop Band Frequency | 818~824MHz |
| Stop Band Attenuation | ≥40dB |
| Pass Band Frequency | DC~800MHz & 842~2500MHz |
| Pass Band Insertion Loss | ≤1.0dB(at the corner ≤1.5dB) |
| Pass Band VSWR | ≤1.5:1@DC~800MHz & 842~2300MHz ≤1.7:1@2300~2500MHz |
| Power Handling | ≤20W |
| Impedance | 50 Ohms |

► Mechanical Data

| | |
|--------------------|---------------|
| Dimensions | 213×90.5×28mm |
| Connectors | N-Female |
| Connector Material | Copper H59 |
| Surface Finish | Black Painted |

► Environmental Data

| | |
|-------------------|-----------|
| Temperature Range | -30℃~+70℃ |
|-------------------|-----------|



| | | |
|--------------------------------------|-------|----------|
| DRAWN: L. Ma 12/09/23 | | |
| ENGINEER: J. Zhu 12/09/23 | | |
| APPROVED: C. Chen 12/09/23 | | |
| TOLERANCE UNLESS OTHERWISE SPECIFIED | | |
| x | ±0.50 | [0.019"] |
| .x | ±0.20 | [0.008"] |
| .xx | ±0.10 | [0.004"] |
| ANGLES | ±1° | |

TITLE:
Band Reject Filter,
818~824MHz, Stop Band
Rejection 40dB, 20W, N-
Female

PART No.:
TRF-818M824M-40N

成都巨人微波
TITAN MICROWAVE INC.
- A Professional RF & Microwave Components Supplier -

www.titan-microwave.com



DIMENSIONS IN MILLIMETERS(mm)

| | | | |
|--------------------|---------------|----------------------|------------------|
| SIZE: A4 | SCALE: | SHEET: 1/1 | REV: A |
|--------------------|---------------|----------------------|------------------|

Notes:

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