

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

TECHNICAL DATA

► Electrical Data

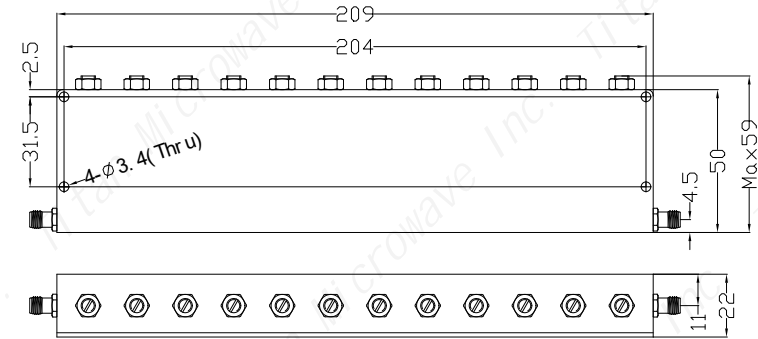
| | |
|--------------------------|--|
| Stop Band Frequency | 1710~1735MHz |
| Stop Band Attenuation | ≥50dB |
| Pass Band Frequency | DC~1695MHz & 1750~5200MHz |
| Pass Band Insertion Loss | ≤1.2dB@DC~1690MHz & 1755~5200MHz ≤2.0dB@1690~1695MHz & 1750~1755MHz |
| Pass Band VSWR | ≤1.5:1 |
| Power Handling | ≤50W |
| Impedance | 50 Ohms |

► Mechanical Data

| | |
|--------------------|-----------------|
| Dimensions | 209×50×22mm |
| Connectors | SMA-Female |
| Connector Material | Stainless Steel |
| Surface Finish | Black Painted |

► Environmental Data

| | |
|-------------------|-----------|
| Temperature Range | -10℃~+50℃ |
|-------------------|-----------|



Notes:

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

| | | |
|--------------------------------------|-------|----------|
| 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,
1.71~1.735GHz, Stop
Band Rejection 50dB,
50W, SMA-Female

PART No.:

TRF-01710173-50S



www.titan-microwave.com



DIMENSIONS IN MILLIMETERS(mm)

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