

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

TECHNICAL DATA

► Electrical Data

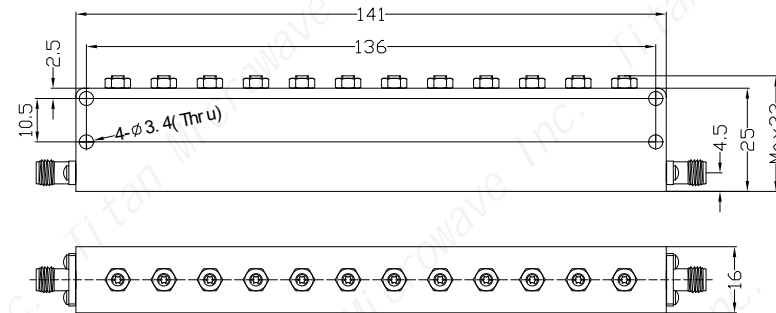
| | |
|--------------------------|---|
| Stop Band Frequency | 5895~5925MHz |
| Stop Band Attenuation | ≥50dB |
| Pass Band Frequency | DC~5865MHz & 5955~13000MHz |
| Pass Band Insertion Loss | ≤1.7dB@DC~5840MHz & 5980~13000MHz ≤4.0dB@5840~5865MHz & 5955~5980MHz |
| Pass Band VSWR | ≤1.5:1 |
| Power Handling | ≤50W |
| Impedance | 50 Ohms |

► Mechanical Data

| | |
|--------------------|-----------------|
| Dimensions | 141×25×16mm |
| Connectors | SMA-Female |
| Connector Material | Stainless Steel |
| Surface Finish | Black Painted |

► Environmental Data

| | |
|-------------------|-----------|
| Temperature Range | -10℃~+40℃ |
|-------------------|-----------|



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,
5.895~5.925GHz, Stop
Band Rejection 50dB,
50W, SMA-Female

PART No.:

TRF-05890592-50S



www.titan-microwave.com



DIMENSIONS IN MILLIMETERS(mm)

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