

| REV | DESCRIPTION OF REVISION | By | DATE | APPROVED |
|-----|-------------------------|--------|-----------|----------|
| A | INITIAL RELEASE | C. Cai | 2022/7/12 | C. Chen |

TECHNICAL DATA

► Electrical Data

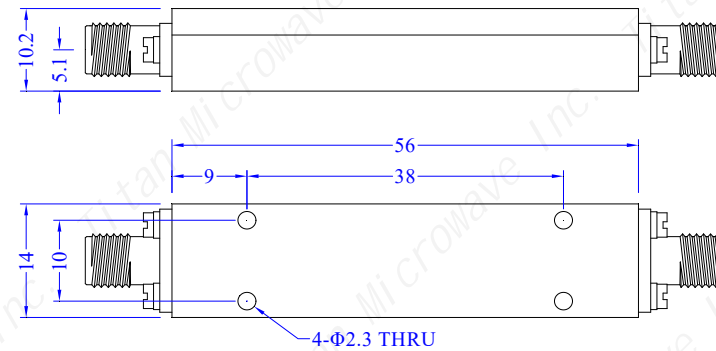
| | |
|--------------------------|---|
| Passband Frequency Range | 22.5~26.5GHz |
| Passband Insertion Loss | ≤2.0dB |
| Passband VSWR | ≤1.5 |
| Passband Ripple | ≤0.7dB |
| Stopband Rejection | ≥40dB@DC~21000MHz ≥30dB@27000~40000MHz |
| Power Handling | 10W(design assurance) |
| Impedance | 50 Ohms |

► Mechanical Data

| | |
|--------------------|-----------------------------------|
| Dimensions | 56×14×10.2mm |
| Connectors | SMA-Female(detachable 0.38mm pin) |
| Connector Material | Stainless Steel |
| Surface Finish | Silver Plated |

► Environmental Data

| | |
|-----------------------|-----------------------------|
| Operating Temperature | -40℃~+70℃(design assurance) |
| Storage Temperature | -55℃~+85℃(design assurance) |



Notes:

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

| | | |
|--------------------------------------|-------|----------|
| DRAWN: L. Ma 12/07/22 | | |
| ENGINEER: J. Zhu 12/07/22 | | |
| APPROVED: C. Chen 12/07/22 | | |
| TOLERANCE UNLESS OTHERWISE SPECIFIED | | |
| x | ±0.50 | [0.019"] |
| .x | ±0.20 | [0.008"] |
| .xx | ±0.10 | [0.004"] |
| ANGLES | ±1° | |

TITLE:
Band Pass Filter, 22.5-
26.5GHz, 40dB, 10W,
SMA-Female

PART No.:
TBF-22502650-40S



www.titan-microwave.com



DIMENSIONS IN MILLIMETERS(mm)

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