

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

TECHNICAL DATA

► Electrical Data

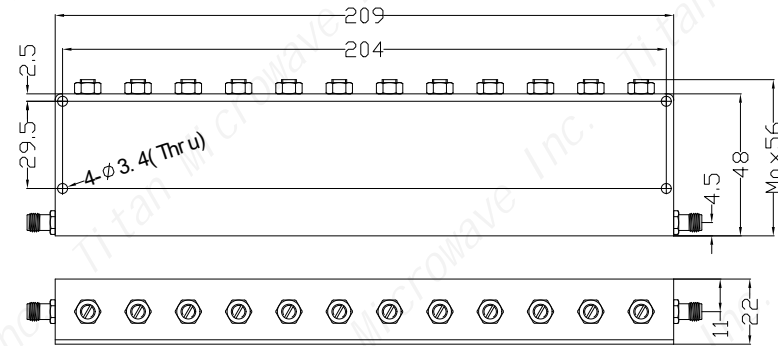
Stop Band Frequency	1845~1860MHz
Stop Band Attenuation	≥40dB
Pass Band Frequency	DC~1835MHz & 1870~5800MHz
Pass Band Insertion Loss	≤1.0dB@DC~1815MHz & 1890~5800MHz ≤2.5dB@1815~1835MHz & 1870~1890MHz
Pass Band VSWR	≤1.5:1
Power Handling	≤100W
Impedance	50 Ohms

► Mechanical Data

Dimensions	209×48×22mm
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,
1.845~1.86GHz, Stop
Band Rejection 40dB,
100W, SMA-Female

PART No.:

TRF-01840186-40S



www.titan-microwave.com



DIMENSIONS IN MILLIMETERS(mm)

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