

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

TECHNICAL DATA

► Electrical Data

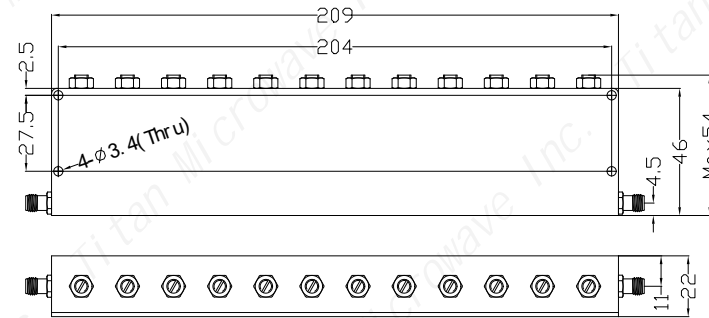
Stop Band Frequency	1830~1880MHz
Stop Band Attenuation	≥50dB
Pass Band Frequency	DC~1810MHz & 1900~5100MHz
Pass Band Insertion Loss	≤2.0dB
Pass Band VSWR	≤1.5:1
Power Handling	≤30W
Impedance	50 Ohms

► Mechanical Data

Dimensions	209×46×22mm
Connectors	SMA-Female
Connector Material	Stainless Steel
Surface Finish	Black Painted

► Environmental Data

Temperature Range	-20℃~+60℃
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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,
1.83~1.88GHz, Stop
Band Rejection 50dB,
30W, SMA-Female

PART No.:

TRF-01830188-50S



www.titan-microwave.com



DIMENSIONS IN MILLIMETERS(mm)

SIZE:
A4

SCALE:

SHEET:
1/1

REV:
A