

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2023/7/11	C. Chen

TECHNICAL DATA

► Electrical Data

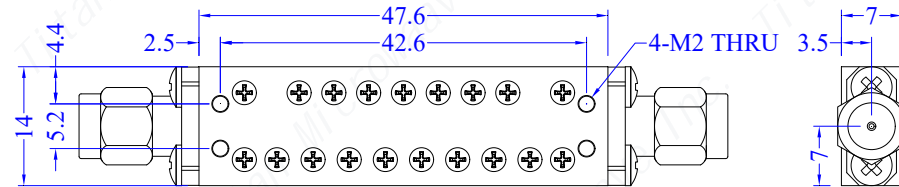
Pass Band Frequency	17.7~18.9GHz
Pass Band Insertion Loss	≤2.0dB
Pass Band VSWR	≤1.35:1
Stop Band Rejection	≥70dB@DC~16750MHz ≥55dB@19500~35000MHz
Impedance	50 Ohms
Power Handling	10W(design assurance)

► Mechanical Data

Dimensions	47.6×14×7mm
Connectors	SMA-Male(stainless steel)
Housing Material	Aluminum 6061
Surface Finish	Silver Plated

► Environmental Data

Operating Temperature	-40℃~+70℃
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DRAWN: L. Ma 11/07/23		
ENGINEER: J. Zhu 11/07/23		
APPROVED: C. Chen 11/07/23		
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, 17.7-
18.9GHz, Stop Band
Rejection 70dB, 10W,
SMA-Male

PART No.:
TBF-17701890-70S

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DIMENSIONS IN MILLIMETERS(mm)

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

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