

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

## TECHNICAL DATA

### ► Electrical Data

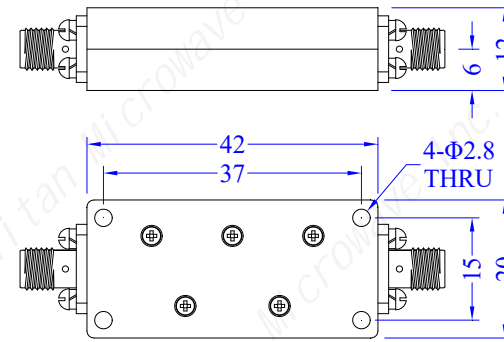
Passband Frequency Range	12~18GHz
Passband Insertion Loss	≤1.2dB
Passband VSWR	≤1.8
Stopband Rejection	≥50dB@DC~9350MHz ≥50dB@20700~30000MHz
Power Handling	15W(design assurance)
Impedance	50 Ohms

### ► Mechanical Data

Dimensions	42×20×12mm
Connectors	SMA-Female
Connectors Material	Stainless Steel
Material	Aluminum 6061

### ► Environmental Data

Operating Temperature	-40℃~+85℃(design assurance)
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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 12/07/22		
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, 12-18GHz, 50dB, 15W, SMA-Female

**PART No.:**  
TBF-12001800-50S



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DIMENSIONS IN MILLIMETERS(mm)

<b>SIZE:</b> A4	<b>SCALE:</b>	<b>SHEET:</b> 1/1	<b>REV:</b> A
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