

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

## TECHNICAL DATA

### ► Electrical Data

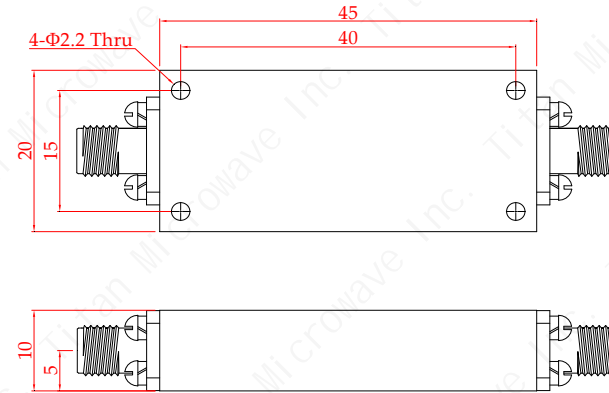
Pass Band Frequency	6~12GHz
Pass Band Insertion Loss	≤1.5dB
Pass Band VSWR	≤1.8:1
Stop Band Rejection	≥55dB@DC~5000MHz ≥35dB@5250MHz ≥35dB@13500MHz ≥55dB@14200~21000MHz
Impedance	50 Ohms
Power Handling	20W(design assurance)

### ► Mechanical Data

Dimensions	45×20×10mm
Connectors	SMA-Female(detachable Φ0.38mm pin)
Housing Material	Aluminum 6061
Surface Finish	Black Painted

### ► Environmental Data

Operating Temperature	-40℃~+70℃(design assurance)
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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  
6-12GHz, Stop Band  
Rejection 55dB, 20W,  
SMA-Female

#### PART No.:

TBF-06001200-55S



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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