

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

TECHNICAL DATA

► Electrical Data

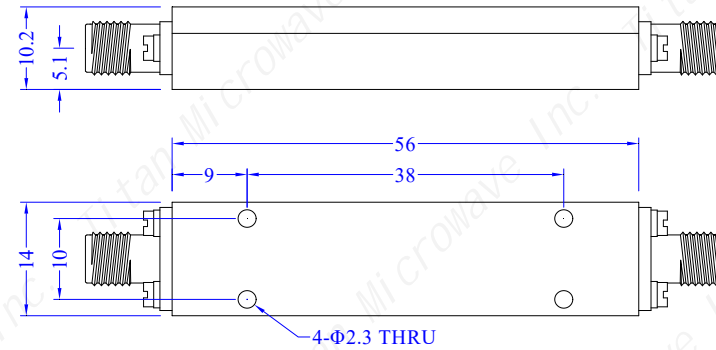
Passband Frequency Range	17.5~20.5GHz
Passband Insertion Loss	≤2.0dB
Passband VSWR	≤1.5
Passband Ripple	≤0.7dB
Stopband Rejection	≥40dB@DC~15000MHz ≥40dB@21000~40000MHz
Power Handling	10W(design assurance)
Impedance	50 Ohms

► Mechanical Data

Dimensions	56×14×10.2mm
Connectors	SMA-Female(detachable 0.38mm pin)
Connector Material	Stainless Steel
Surface Finish	Silver Plated

► Environmental Data

Operating Temperature	-40℃~+70℃(design assurance)
Storage Temperature	-55℃~+85℃(design assurance)



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, 17.5-
20.5GHz, 40dB, 10W,
SMA-Female

PART No.:
TBF-17502050-40S



www.titan-microwave.com



DIMENSIONS IN MILLIMETERS(mm)

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