

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

## TECHNICAL DATA

### ► Electrical Data

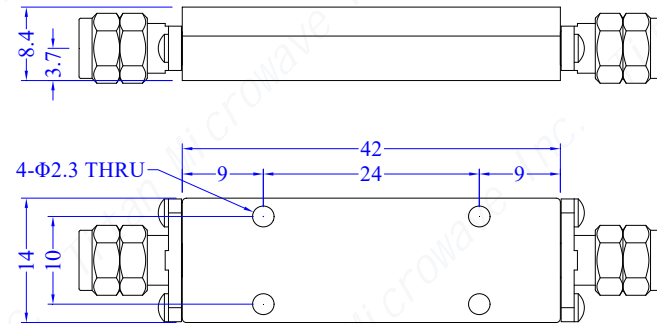
Pass Band Frequency	47200~49750MHz
Pass Band Insertion Loss	≤1.2dB
Pass Band VSWR	≤1.5:1
Pass Band Ripple	≤1.0dB
Pass Band Delay Ripple	≤2ns
Stop Band Rejection	≥60dBc@DC~45000MHz
	≥40dBc@51000~55000MHz
Impedance	50 Ohms
Power Handling	10W(design assurance)

### ► Mechanical Data

Dimensions	42×14×8.4mm
Connectors	2.4mm-Male
Housing Material	Aluminum 6061
Surface Finish	Silver Plated

### ► 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:

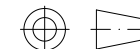
Band Pass Filter, 47.2-49.75GHz, Stop Band Rejection 60dB, 10W, 2.4mm-Male

#### PART No.:

TBF-47204975-604



[www.titan-microwave.com](http://www.titan-microwave.com)



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