

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2023/9/12	C. Chen

## TECHNICAL DATA

### ► Electrical Data

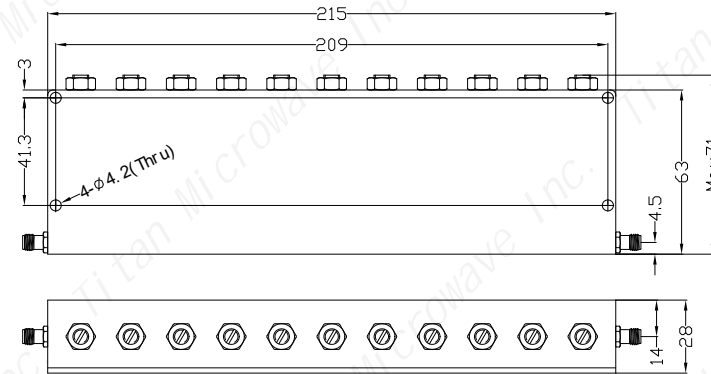
Stop Band Frequency	1247~1253MHz
Stop Band Attenuation	≥45dB
Pass Band Frequency	DC~1241MHz & 1259~4000MHz
Pass Band Insertion Loss	≤1.0dB@DC~1230MHz & 1270~4000MHz ≤3.5dB@1230~1241MHz & 1259~1270MHz
Pass Band VSWR	≤1.5:1
Power Handling	≤100W
Impedance	50 Ohms

### ► Mechanical Data

Dimensions	215×63×28mm
Connectors	SMA-Female
Connector Material	Stainless Steel
Surface Finish	Black Painted

### ► Environmental Data

Temperature Range	-10℃~+50℃
-------------------	-----------



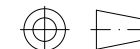
DRAWN: L. Ma 12/09/23		
ENGINEER: J. Zhu 12/09/23		
APPROVED: C. Chen 12/09/23		
TOLERANCE UNLESS OTHERWISE SPECIFIED		
x	±0.50	[0.019"]
.x	±0.20	[0.008"]
.xx	±0.10	[0.004"]
ANGLES	±1°	

**TITLE:**  
Band Reject Filter,  
1247~1253MHz, Stop  
Band Rejection 45dB,  
100W, SMA-Female

**PART No.:**  
TRF-01240125-45S



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



DIMENSIONS IN MILLIMETERS(mm)

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

**Notes:**

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