

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2025/4/3	C. Chen

TECHNICAL DATA

► Electrical Data

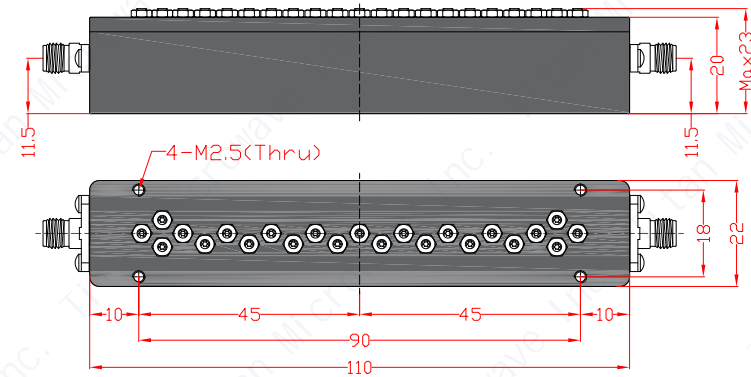
Passband Frequency Range	2850~3350MHz
Center Frequency(F_0)	3100MHz
Passband Insertion Loss	0.7dB max
Passband Ripple	0.3dB max
Passband Return Loss	23dB min
Stopband Rejection	80dB min@DC~2500MHz & 3600~9500MHz 40dB min@2500~2700MHz 50dB min@3500~3600MHz
Impedance	50 Ohms
Power Handling	20W max

► Mechanical Data

Dimensions	110×22×20mm
Connectors	SMA-Female
Connectors Material	Stainless Steel
Housing Material	Aluminum 6061
Surface Finish	Black Painted

► Environmental Data

Temperature Range	-30℃~+70℃
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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 03/04/25		
ENGINEER: J. Zhu 03/04/25		
APPROVED: C. Chen 03/04/25		
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
2.85-3.35GHz, 80dB,
20W, SMA-Female

PART No.:

TBF-02850335-80S



www.titan-microwave.com



DIMENSIONS IN MILLIMETERS(mm)

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