

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

TECHNICAL DATA

► Electrical Data

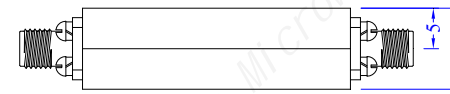
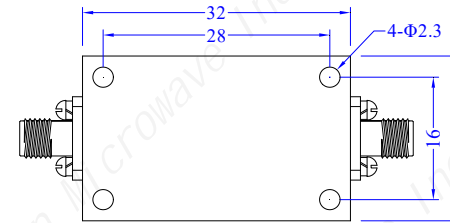
Pass Band Frequency	DC-5100MHz
Pass Band Insertion Loss	≤2.0dB
Pass Band VSWR	≤1.6:1
Stop Band Rejection	≥45dB@5600~13000MHz
Impedance	50 Ohms
Power Handling	20W(design assurance)

► Mechanical Data

Dimensions	32×20×10mm
Connectors	SMA-Female(stainless steel)
Material	6061 Aluminum Alloy
Surface Finish	Silver Plated

► Environmental Data

Temperature Range	-40℃~+85℃(design assurance)
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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:
Low Pass Filter, DC-5100MHz, Stop Band Rejection 45dB, 20W, SMA-Female

PART No.:
TLF-5100-45S



www.titan-microwave.com



DIMENSIONS IN MILLIMETERS(mm)

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

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