

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

## TECHNICAL DATA

### ► Electrical Data

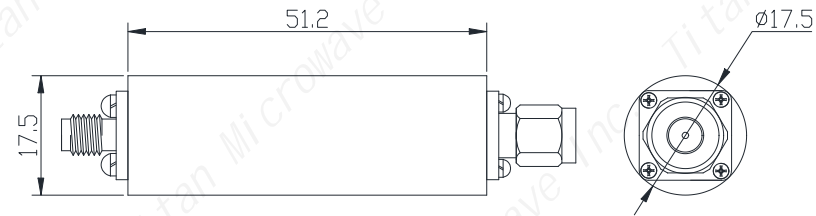
Pass Band Frequency	DC-8000MHz
Pass Band Insertion Loss	≤0.35dB
Pass Band VSWR	≤1.5:1
Stop Band Rejection	≥25dB@9600MHz, ≥55dB@15000MHz
Impedance	50 Ohms
Power Handling	50W

### ► Mechanical Data

Dimensions	Φ17.5×51.2mm
Connectors	SMA-Male & SMA-Female
Surface Finish	Black Painted

### ► Environmental Data

Operating Temperature	-40℃~+70℃
Storage Temperature	-55℃~+85℃



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:**  
Low Pass Filter, DC-8000MHz, Stop Band Rejection 55dB, 50W, SMA-Male/Female

**PART No.:**  
TLF-8000-55S



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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