

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

TECHNICAL DATA

► Electrical Data

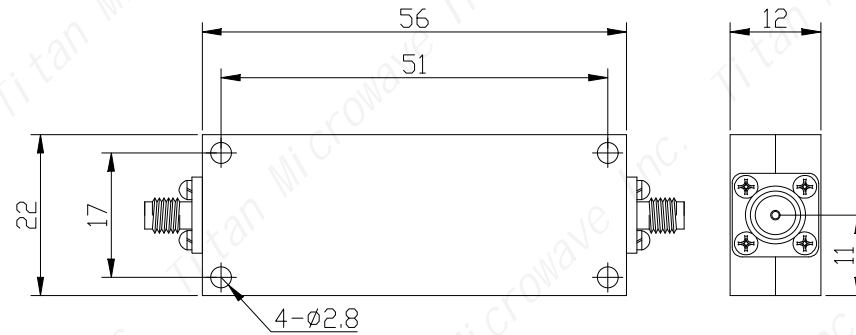
Pass Band Frequency	DC-6000MHz
Pass Band Insertion Loss	≤2.0dB
Pass Band VSWR	≤2.0:1
Stop Band Rejection	≥70dB@9000~18000MHz
Impedance	50 Ohms
Power Handling	20W

► Mechanical Data

Dimensions	56×22×12mm
Connectors	SMA-Female
Surface Finish	Black Painted

► Environmental Data

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



Notes:

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

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-6000MHz, Stop Band Rejection 70dB, 20W, SMA-Female

PART No.:
TLF-6000-70S



www.titan-microwave.com



DIMENSIONS IN MILLIMETERS(mm)

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