

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

TECHNICAL DATA

► Electrical Data

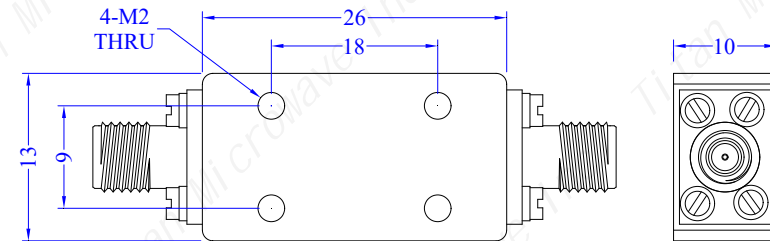
Pass Band Frequency	DC-19.5GHz
Pass Band Insertion Loss	≤3.5dB
Pass Band VSWR	≤1.8:1
Stop Band Rejection	≥50dB@21.4GHz ≥60dB@23.5~25GHz ≥70dB@25~42GHz
Impedance	50 Ohms
Power Handling	15W(design assurance)

► Mechanical Data

Dimensions	26×13×10mm
Connectors	SMA-Female(stainless steel)
Surface Finish	Black Painted
Body	Aluminum 6061

► Environmental Data

Operating Temperature	-40℃~+70℃(design assurance)
Storage Temperature	-55℃~+85℃(design assurance)



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-19.5GHz, Stop Band Rejection 70dB, 15W, SMA-Female

PART No.:

TLF-19500-70S



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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