

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

TECHNICAL DATA

► Electrical Data

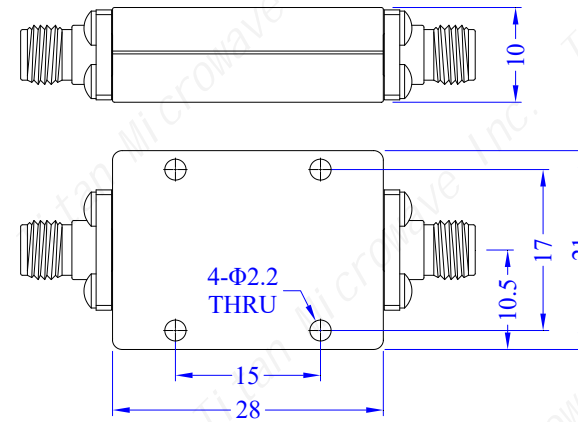
Cut Off Frequency	10.0GHz
Pass Band Frequency	DC-10.0GHz
Pass Band Insertion Loss	≤1.0dB@DC-9.9GHz; ≤1.5dB@9.9-10.0GHz
Pass Band VSWR	≤1.4:1
Stop Band Rejection	≥50dB@10.9-18.5GHz
Impedance	50 Ohms
Power Handling	≤15W

► Mechanical Data

Dimensions	28×21×10mm
Connectors	SMA-Female(stainless steel)
Material	6061 Aluminum Alloy

► Environmental Data

Temperature Range	-55℃~+85℃
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Notes:

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

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-10GHz, Stop Band Rejection 50dB, 15W, SMA-Female

PART No.:
TLF-10000-50S



www.titan-microwave.com



DIMENSIONS IN MILLIMETERS(mm)

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