

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

TECHNICAL DATA

► Electrical Data

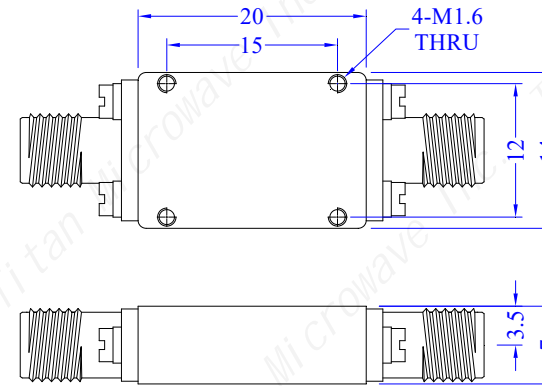
Pass Band Frequency	DC~1600MHz
Pass Band Insertion Loss	≤1.0dB
Pass Band VSWR	≤1.5:1
Stop Band Rejection	≥50dB@1950~6000MHz
Impedance	50 Ohms
Power Handling	2W

► Mechanical Data

Dimensions	20×14×7mm
Connectors	SMA-Female(stainless steel)
Surface Finish	Silver Plated
Body	Aluminum 6061

► Environmental Data

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



Notes:

- ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME
- 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-1.6GHz, Stop Band Rejection 50dB, 2W, SMA-Female

PART No.:
TLF-1600-50S



www.titan-microwave.com



DIMENSIONS IN MILLIMETERS(mm)

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