

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2023/8/19	C. Chen

## TECHNICAL DATA

### ► Electrical Data(50Ω, 25℃)

Frequency Range	0.02~6GHz
Output Power(CW)	33dBm min, 34dBm typ
Gain	40dB min, 45dB typ
Gain Flatness	±3.0dB typ
Input VSWR	2.0:1 typ
Max Input Power	0dBm
Harmonic	-10dBc typ
Spurious	-60dBc max
Isolation	-45dB typ
Operating Voltage	+15V typ, +16V max
Operating Current	0.8A typ, 1.2A max

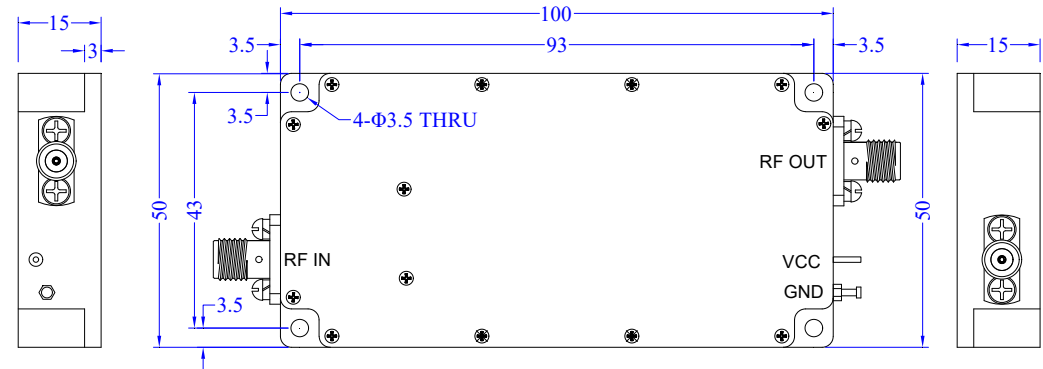
### ► Mechanical Data

Dimensions	100×50×15mm
Input Connector	SMA-Female
Output Connector	SMA-Female
DC Power/Interface Connector	Feedthru Capacitor

### ► Environmental Data

Operating Temperature	-30℃~+60℃
Storage Temperature	-50℃~+105℃

- ! Stress above these ratings may cause permanent damage to the device  
Radiator/Heatsink required during operation or test



DRAWN: L. Ma 19/08/23		
ENGINEER: J. Zhu 19/08/23		
APPROVED: C. Chen 19/08/23		
TOLERANCE UNLESS OTHERWISE SPECIFIED		
x	±0.50	[0.019"]
.x	±0.20	[0.008"]
.xx	±0.10	[0.004"]
ANGLES	±1°	

#### TITLE:

Power Amplifier, 0.02-6GHz, Gain 45dB, Output Power 34dBm, +15V, SMA-Female

#### PART No.:

TMPA-00020600-4534



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DIMENSIONS IN MILLIMETERS(mm)

SIZE:  
A4

SCALE:

SHEET:  
1/1

REV:  
A

#### Notes:

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