

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

## TECHNICAL DATA

### ► Electrical Data

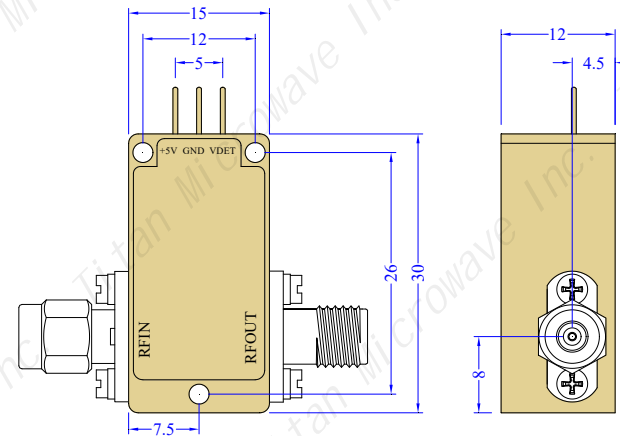
Frequency Range	0.1-4.5GHz
Dynamic Range	-20dBm min, +30dBm max
VSWR	1.5 max
Rise Time	30ns max
Fall Time	30ns max
Slop Value	-24mV/dB
-20dBm	1.8V max
Operating Voltage	5V
Operating Current	80mA

### ► Mechanical Data

Input Connector	SMA-Male(pin 0.38mm detachable)
Output Connector	SMA-Female(pin 0.38mm detachable)
Outer Conductor	Stainless Steel
Body	Gold Plated

### ► Environmental Data

Operating Temperature	-40℃~+85℃(design assurance)
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#### Notes:

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

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:**  
Coaxial Detector, 0.1-4.5GHz, SMA-Male to SMA-Female

**PART No.:**  
TMDT-00100450-S



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DIMENSIONS IN MILLIMETERS(mm)

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