

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

TECHNICAL DATA

► Electrical Data

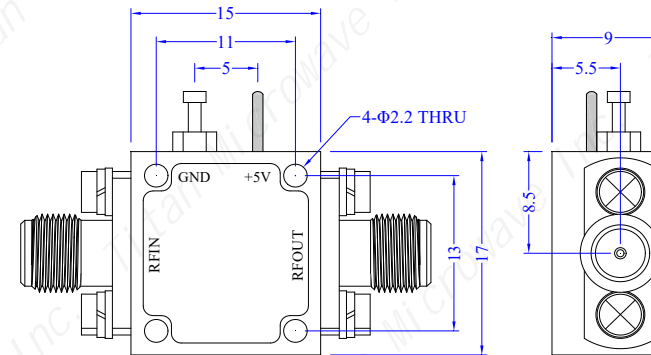
Frequency Range	9-10GHz
Dynamic Range	-30dBm min, +10dBm max
VSWR	2.0 typ
Rise Time	50ns max
Fall Time	50ns max
Detecting Voltage	1.5V typ@+3dBm(input)
Detecting Voltage Range	0~+5V
Operating Voltage	+5V/100mA
Pulse Width(input)	0.3us min
Polarity	Positive

► Mechanical Data

Input Connector	SMA-Female
Output Connector	SMA-Female
Outer Conductor	Stainless Steel

► Environmental Data

Operating Temperature	-30°C~+65°C(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, 9-10GHz, SMA-Female to SMA-Female, Positive Polarity

PART No.:
TMDT-910-SP

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DIMENSIONS IN MILLIMETERS(mm)

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