

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Dai	2023/2/11	C. Chen

TECHNICAL DATA

► Electrical Data

Frequency Range	0.01-18GHz
Low Level Sensitivity	≥0.5mV/μW
VSWR	≤1.8
Maximum Input Power	100mW(20dBm)
Maximum Flatness	±0.6dB
Impedance	50 Ohms

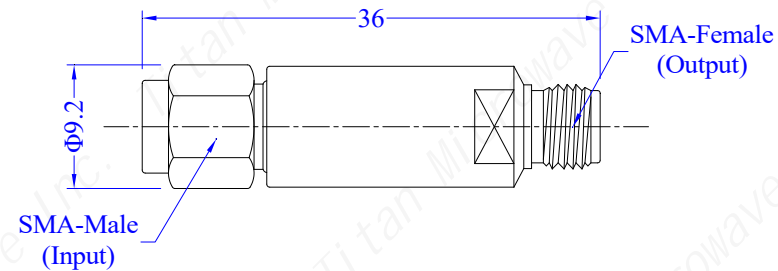
► Mechanical Data

Input Connector	SMA-Male
Output Connector	SMA-Female
Body	Nickel Plated Brass
Outer Conductor	Nickel Plated Brass
Inner Conductor(male)	Gold Plated Brass
Inner Conductor(female)	Gold plated beryllium copper

► Environmental Data

Operating Temperature	-20℃~+55℃
Storage Temperature	-45℃~+85℃

★ Negative output polarity standard. Add "P" to end of model number for positive output polarity.



Notes:

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

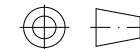
DRAWN: L. Ma 11/02/23		
ENGINEER: J. Zhu 11/02/23		
APPROVED: C. Chen 11/02/23		
TOLERANCE UNLESS OTHERWISE SPECIFIED		
x	±0.50	[0.019"]
.x	±0.20	[0.008"]
.xx	±0.10	[0.004"]
ANGLES	±1°	

TITLE:
Coaxial Detector, 0.01-18GHz, Input Power 100mW max, VSWR 1.8 max, Negative Polarity

PART No.:
TMDT-0118-SMA



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DIMENSIONS IN MILLIMETERS(mm)

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