

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

TECHNICAL DATA

► Electrical Data

Frequency Range	6-18GHz
Dynamic Range	-40dBm min, 15dBm max
Input VSWR	2.5 typ
Rise Time	5ns typ
Fall Time	20ns typ
Voltage Range	0-5V typ
Operating Voltage/Current	+5V/2mA
Maximum Voltage	5.5V typ
Maximum Input Power	+18dBm typ
Polarity	Positive

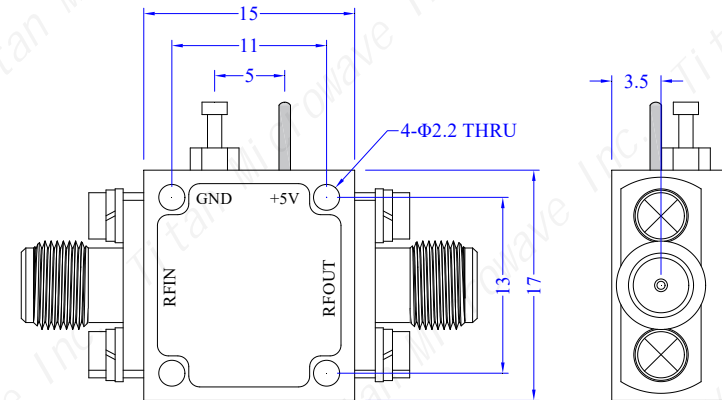
► Mechanical Data

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

► Environmental Data

Operating Temperature	-40°C~+75°C
Storage Temperature	-45°C~+85°C

★ Positive output polarity standard. Add "N" to end of model number for Negative output polarity.



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, 6-18GHz, SMA-Female to SMA-Female, Positive Polarity

PART No.:

TMDT-618-SP

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DIMENSIONS IN MILLIMETERS(mm)

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