

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2022/12/21	C. Chen

TECHNICAL DATA

► Electrical Data

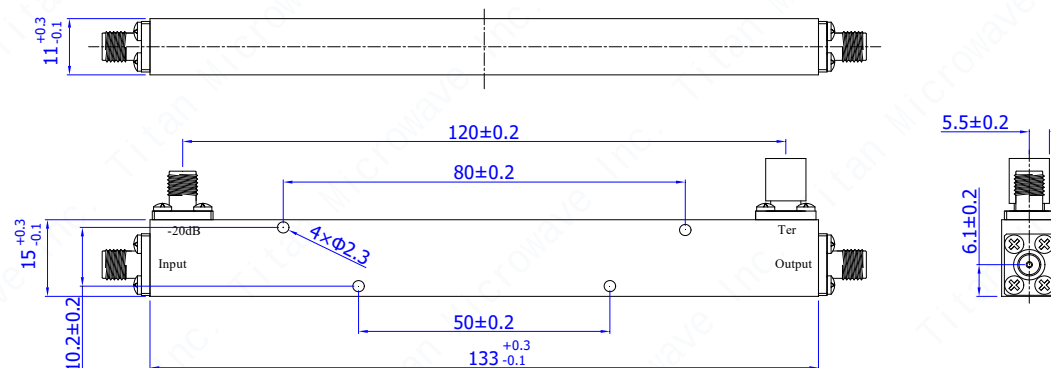
Frequency Range	0.5-2GHz
Coupling	20±1dB max
Coupling Flatness	±0.5dB max
Insertion Loss	0.4dB max
VSWR	1.2:1 max
Directivity	20dB min
Power	50W(CW)

► Mechanical Data

Input/Output Connectors	SMA-Female
Coupled Connector	SMA-Female
Material	Aluminum
Surface Treatment	Gray Painted
Dimensions	133×15×11mm

► Environmental Data

Operating Temperature	-40℃~+85℃
Storage Temperature	-50℃~+105℃



Notes:

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

DRAWN: L. Ma 21/12/22		
ENGINEER: J. Zhu 21/12/22		
APPROVED: C. Chen 21/12/22		
TOLERANCE UNLESS OTHERWISE SPECIFIED		
x	±0.50	[0.019"]
.x	±0.20	[0.008"]
.xx	±0.10	[0.004"]
ANGLES	±1°	

TITLE:

Directional Coupler,
0.5-2GHz, 20dB, 50W,
SMA-Female

PART No.:

TMDC-00500200-20S50



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DIMENSIONS IN MILLIMETERS(mm)

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