

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

## TECHNICAL DATA

### ► Electrical Data

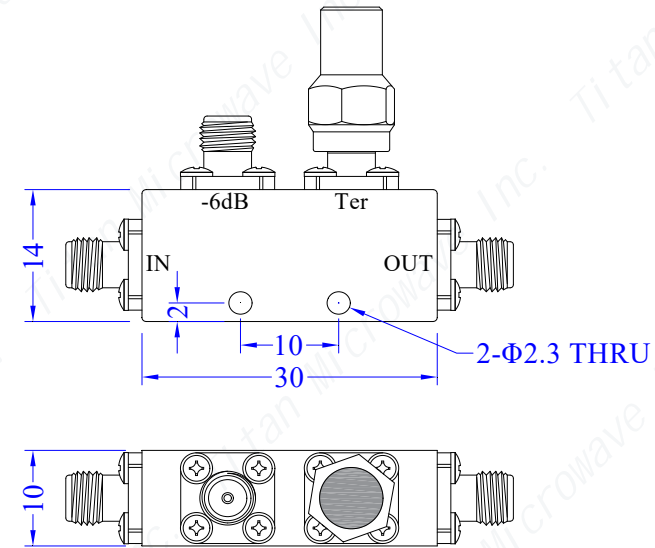
Frequency Range	6~18GHz
Nominal Coupling	6±1dB
Insertion Loss	2.2dB max
Main Line VSWR	1.5 max
Coupled Line VSWR	1.5 max
Directivity	10dB min
Impedance	50 Ohms
Average Power	20W

### ► Mechanical Data

Input/Output Connectors	SMA-Female
Connectors Material	Stainless Steel
Body Material	Aluminum
Surface Finish	Conductive Oxidation
Dimensions	30×14×10mm

### ► 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 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, 6-  
18GHz, Coupling 6dB,  
20W, SMA-Female

**PART No.:**  
TMDC-06001800-6S20

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DIMENSIONS IN MILLIMETERS(mm)

<b>SIZE:</b> A4	<b>SCALE:</b>	<b>SHEET:</b> 1/1	<b>REV:</b> A
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