

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2024/10/10	C. Chen

TECHNICAL DATA

► Electrical Data

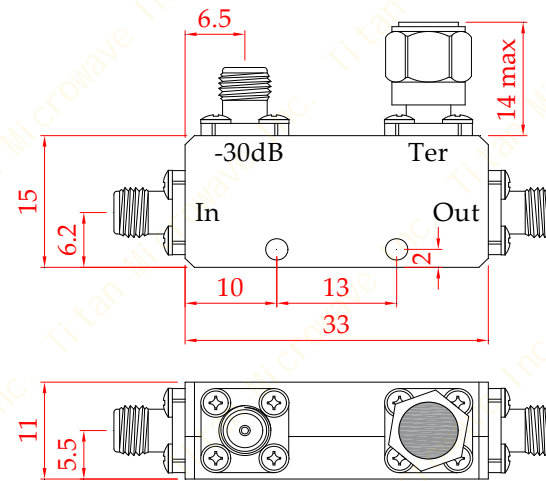
Frequency Range	6-18GHz
Nominal Coupling	30±1dB
Directivity	12dB min
Insertion Loss(Ex. coupling)	0.5dB max
VSWR Main Line	1.3:1 max
VSWR Coupled Line	1.4:1 max
Average Power	30W(design assurance)

► Mechanical Data

Input/Output Connectors	SMA-Female
Connectors Material	Stainless Steel
Material	Aluminum 6061
Surface Treatment	Conductive Oxidation
Dimensions	33×15×11mm

► Environmental Data

Operating Temperature	-40℃~+70℃
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DRAWN: L. Ma 10/10/24		
ENGINEER: J. Zhu 10/10/24		
APPROVED: C. Chen 10/10/24		
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, 30±1dB
Coupling, 30W, SMA-
Female

PART No.:
TMDC-06001800-30S30



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DIMENSIONS IN MILLIMETERS(mm)

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

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