

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

TECHNICAL DATA

► Electrical Data

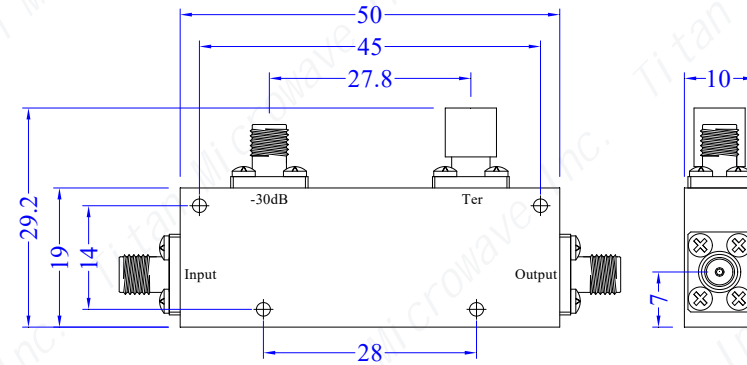
Frequency Range	2000~8000MHz
Nominal Coupling	20±1.0dB max
Insertion Loss	0.5dB max
Main Line VSWR	1.3 max
Coupled Line VSWR	1.3 max
Isolation	35dB min
Impedance	50 Ohms
Average Power	30W(design assurance)

► Mechanical Data

Input/Output Connectors	SMA-Female
Connectors Material	Stainless Steel
Housing Material	Aluminum 6061
Surface Finish	Conductive Oxidation
Dimensions	50×19×10mm

► Environmental Data

Operating Temperature	-40℃~+85℃(design assurance)
-----------------------	-----------------------------



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,
2-8GHz, Coupling 20dB,
30W, SMA-Female

PART No.:

TMDC-02000800-20S30



www.titan-microwave.com



DIMENSIONS IN MILLIMETERS(mm)

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