

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

TECHNICAL DATA

► Electrical Data

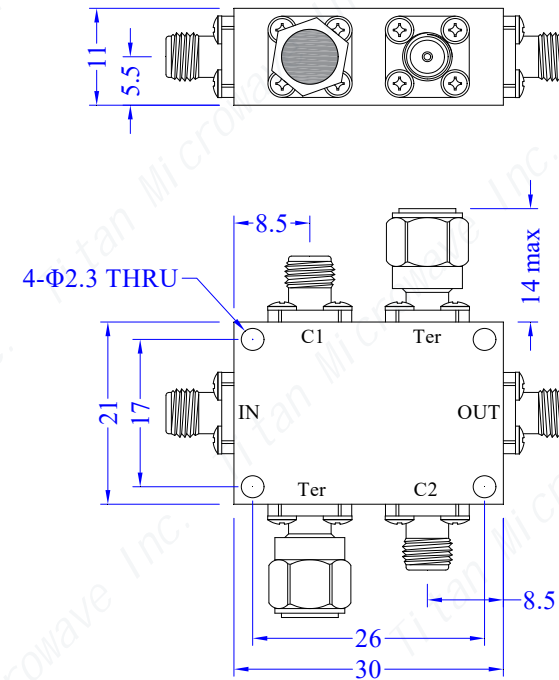
Frequency Range	6~18GHz
Nominal Coupling	40±1.5dB
Insertion Loss	0.6dB max
Main Line VSWR	1.4 max
Coupled Line VSWR	1.5 max
Directivity	15dB min
Impedance	50 Ohms
Average Power	100W(design assurance)

► Mechanical Data

Input/Output Connectors	SMA-Female
Connectors Material	Stainless Steel
Body Material	Aluminum 6061
Surface Finish	Conductive Oxidation
Dimensions	30×21×11mm

► Environmental Data

Operating Temperature	-40℃~+70℃(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:
Dual Directional Coupler,
6-18GHz, Coupling 40dB,
100W, SMA-Female

PART No.:

TDDC-06001800-40S100

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DIMENSIONS IN MILLIMETERS(mm)

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