

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2022/4/16	C. Chen

TECHNICAL DATA

► Electrical Data

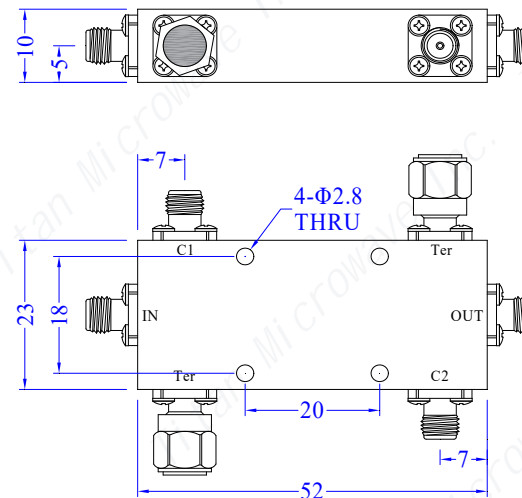
Frequency Range	2~18GHz
Insertion Loss	≤0.6dB
VSWR Primary	≤1.5:1
VSWR Secondary	≤1.5:1
Directivity	≥13dB
Nominal Coupling	40±1.5dB
Impedance	50 Ohms
Power Rating	100W(design assurance)

► Mechanical Data

Dimensions	52×23×10mm
Input/Output Connectors	SMA-Female
Connectors Material	Stainless Steel
Housing Material	Aluminum 6061
Surface Finishing	Sandblasting Natural Color Conductive Oxidation

► 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 16/04/22		
ENGINEER: J. Zhu 16/04/22		
APPROVED: C. Chen 16/04/22		
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,
2~18GHz,
Coupling 40dB, 100W,
SMA-Female

PART No.:
TDDC-02001800-40S100



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DIMENSIONS IN MILLIMETERS(mm)

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