

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

TECHNICAL DATA

► Electrical Data

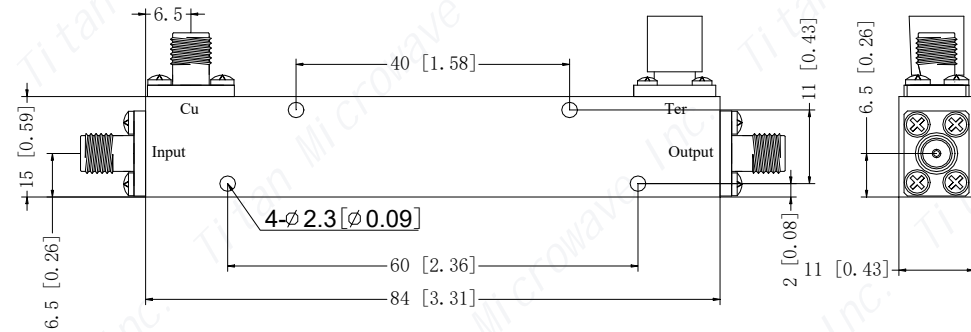
Frequency Range	1~40GHz
Nominal Coupling	10±1.2dB
Insertion Loss(excluding coupling loss)	2.5dB max
Main Line VSWR	1.5 typ, 1.7 max
Coupled Line VSWR	1.5 typ, 1.7 max
Directivity	10dB min
Frequency Sensitivity	±1.0dB
Impedance	50 Ohms
Average Power	30W

► Mechanical Data

Input/Output Connectors	2.92mm-Female
Connectors Material	Stainless Steel
Body Material	Aluminum
Surface Finish	Black Painted
Dimensions	84×15×11mm

► Environmental Data

Operating Temperature	-45℃~+85℃
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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
1-40GHz, Coupling 10dB,
30W
2.92mm-Female

PART No.:
TMDC-01004000-10K30

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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