

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

TECHNICAL DATA

► Electrical Data

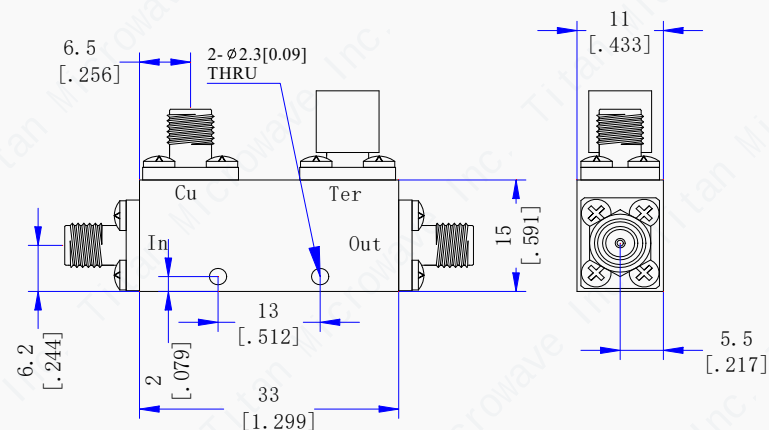
Frequency Range	5900~8400MHz
Insertion Loss	0.4dB max
VSWR Primary	1.18:1 typ, 1.3:1 max
VSWR Secondary	1.18:1 typ, 1.3:1 max
Directivity	18dB min
Nominal Coupling	30±1.0dB
Frequency Sensitivity	±0.9dB typ, ±1.0dB max
Average Power	30W
Impedance	50 Ohms

► Mechanical Data

Dimensions	33×11×15mm
Connector Type	SMA-Female
Surface Finish	Conductive Oxidation

► Environmental Data

Operating Temperature	-40℃~+85℃
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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:

Single Directional Coupler,
5.9~8.4GHz, 30dB, 30W,
SMA-Female

PART No.:

TMDC-05900840-30S30



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DIMENSIONS IN MILLIMETERS(mm)

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