

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2024/10/10	C. Chen

TECHNICAL DATA

► Electrical Data

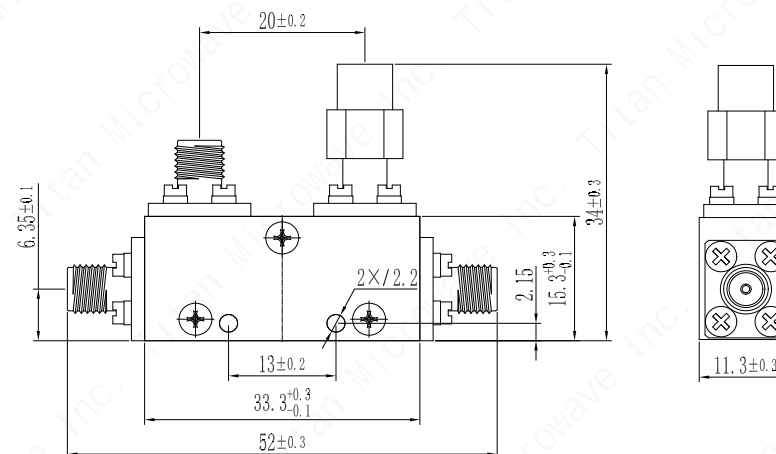
Frequency Range	6-18GHz
Nominal Coupling	30±2dB
Directivity	10dB min
Insertion Loss(Ex. coupling)	0.6dB max
VSWR	1.6:1 max
Power Rating	30W(CW)

► Mechanical Data

Input/Output Connectors	SMA-Female
Material	Aluminum
Surface Treatment	Gray Painted
Dimensions	33.3×15.3×11.3mm

► Environmental Data

Operating Temperature	-55℃~+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 10/10/24		
ENGINEER: J. Zhu 10/10/24		
APPROVED: C. Chen 10/10/24		
TOLERANCE UNLESS OTHERWISE SPECIFIED		
x	±0.50	[0.019"]
.x	±0.20	[0.008"]
.xx	±0.10	[0.004"]
ANGLES	±1°	

TITLE:

Directional Coupler,
6-18GHz, 30±2dB
Coupling, 30W,
SMA-Female

PART No.:

TMDC-06001800-30S30A



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DIMENSIONS IN MILLIMETERS(mm)

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