

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

TECHNICAL DATA

► Electrical Data

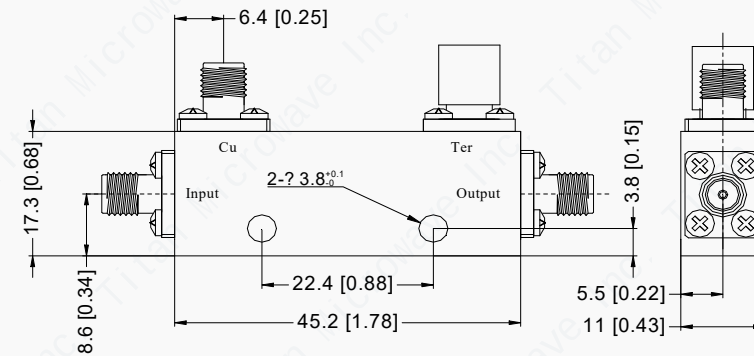
Frequency Range	4000~8000MHz
Insertion Loss	2.0dB max
VSWR Primary	1.18:1 typ, 1.3:1 max
VSWR Secondary	1.18:1 typ, 1.3:1 max
Directivity	15dB min
Nominal Coupling	6±1.0dB
Frequency Sensitivity	±0.4dB typ, ±0.8dB max
Average Power	30W
Impedance	50 Ohms

► Mechanical Data

Dimensions	45.2×11×17.3mm
Connector Type	SMA-Female
Surface Finish	Conductive Oxidation

► Environmental Data

Operating Temperature	-45℃~+85℃
-----------------------	-----------



Notes:

- ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME
- CUSTOMER OUTLINE DRAWING FOR REFERENCE ONLY

DRAWN: L. Ma 16/04/22	TITLE: Single Directional Coupler, 4~8GHz, 6dB, 30W, SMA-Female	 www.titan-microwave.com		
ENGINEER: J. Zhu 16/04/22				
APPROVED: C. Chen 16/04/22				
TOLERANCE UNLESS OTHERWISE SPECIFIED	PART No.:	 DIMENSIONS IN MILLIMETERS(mm)		
x ±0.50 [0.019"]	TMDC-04000800-6S30	SIZE: A4	SCALE:	SHEET: 1/1
.x ±0.20 [0.008"]				REV: A
.xx ±0.10 [0.004"]				
ANGLES ±1°				