

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

TECHNICAL DATA

► Electrical Data

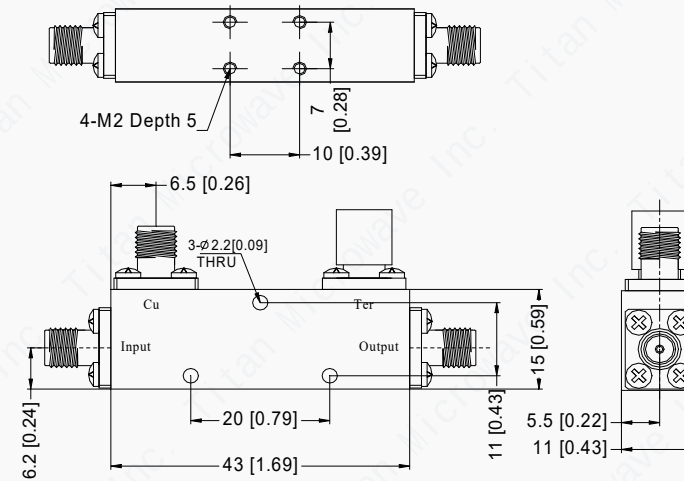
Frequency Range	2000~8000MHz
Insertion Loss	0.5dB max
VSWR Primary	1.18:1 typ, 1.25:1 max
VSWR Secondary	1.18:1 typ, 1.25:1 max
Directivity	15dB min
Nominal Coupling	20±1.0dB
Frequency Sensitivity	±0.9dB typ, ±1.0dB max
Average Power	30W
Impedance	50 Ohms

► Mechanical Data

Dimensions	43×11×15mm
Connector Type	SMA-Female
Surface Finish	Conductive Oxidation

► Environmental Data

Operating Temperature	-45℃~+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	TITLE: Single Directional Coupler, 2~8GHz, 20dB, 30W, SMA-Female	 TITAN MICROWAVE INC. <i>- A Professional RF & Microwave Components Supplier -</i>			
ENGINEER: J. Zhu 16/04/22		www.titan-microwave.com			
APPROVED: C. Chen 16/04/22					
TOLERANCE UNLESS OTHERWISE SPECIFIED					
x ±0.50 [0.019"]	PART No.: TMDC-02000800-20S30	 DIMENSIONS IN MILLIMETERS(mm)			
.x ±0.20 [0.008"]		SIZE: A4 SCALE: SHEET: 1/1 REV: A			
.xx ±0.10 [0.004"]					
ANGLES ±1°					