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

TECHNICAL DATA

▶ Electrical Data

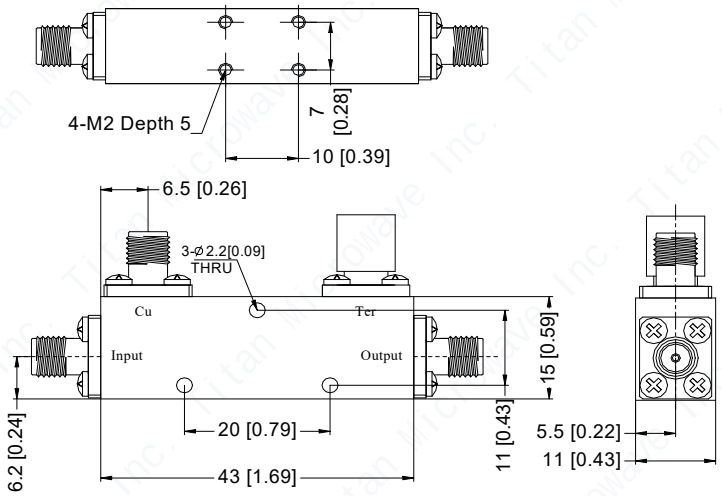
Frequency Range	2000~6000MHz
Nominal Coupling	30±1.2dB
Insertion Loss	0.5dB max
Main Line VSWR	1.3:1 max
Coupled Line VSWR	1.3:1 max
Directivity	15dB min
Impedance	50 Ohms
Average Power	50W

▶ Mechanical Data

Input/Output Connectors	SMA-Female
Body Material	Aluminum
Surface Finish	Conductive Oxidation
Dimensions	43×15×11mm

▶ Environmental Data

Operating Temperature	-35℃~+75℃



Notes:

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

DRAWN: L. Ma 21/12/22	TITLE: Directional Coupler 2-6GHz, Coupling 30dB, 50W SMA-Female	成都巨人微波 TITAN MICROWAVE INC. - A Professional RF & Microwave Components Supplier - www.titan-microwave.com
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°	PART No.: TMDC-02000600-30S50	DIMENSIONS IN MILLIMETERS(mm)
		SIZE: A4 / SCALE: / SHEET: 1/1 / REV: A