

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

TECHNICAL DATA

Electrical Data

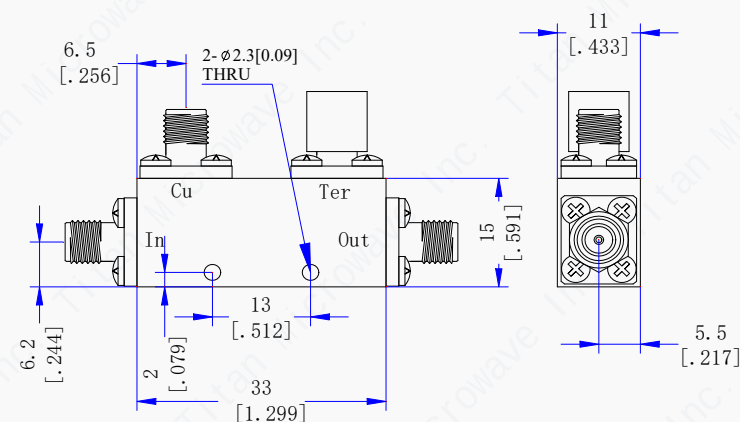
Frequency Range	8000~8500MHz
Insertion Loss	1.0dB max
VSWR Primary	1.3:1 max
VSWR Secondary	1.3:1 max
Directivity	18dB min
Nominal Coupling	10±1.0dB
Average Power	10W
Impedance	50 Ohms

Mechanical Data

Dimensions	33×11×15mm
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
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,
8~8.5GHz, 10dB, 10W,
SMA-Female

PART No.:

TMDC-08000850-10S10



www.titan-microwave.com



DIMENSIONS IN MILLIMETERS(mm)

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