

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

TECHNICAL DATA

► Electrical Data

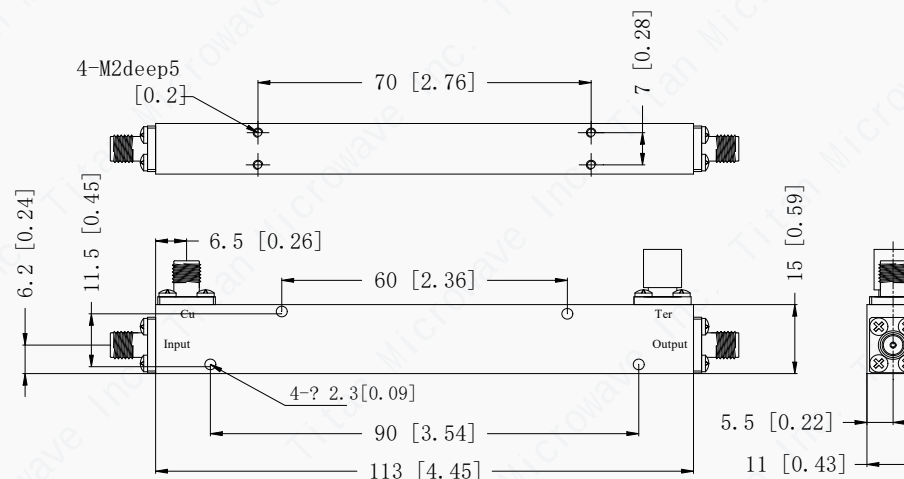
Frequency Range	700~2700MHz
Insertion Loss	0.4dB max
VSWR Primary	1.25:1 max
VSWR Secondary	1.25:1 max
Directivity	20dB min
Nominal Coupling	30±1.0dB
Frequency Sensitivity	±0.9dB typ, ±1.0dB max
Average Power	50W
Impedance	50 Ohms

► Mechanical Data

Dimensions	113×11×15mm
RF Connectors	SMA-Female
Surface Finish	Conductive Oxidation

► Environmental Data

Operating Temperature	-40℃~+70℃
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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
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,
0.7~2.7GHz, 30dB, 50W,
SMA-Female

PART No.:

TMDC-00700270-30S50



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DIMENSIONS IN MILLIMETERS(mm)

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