

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

TECHNICAL DATA

► Electrical Data

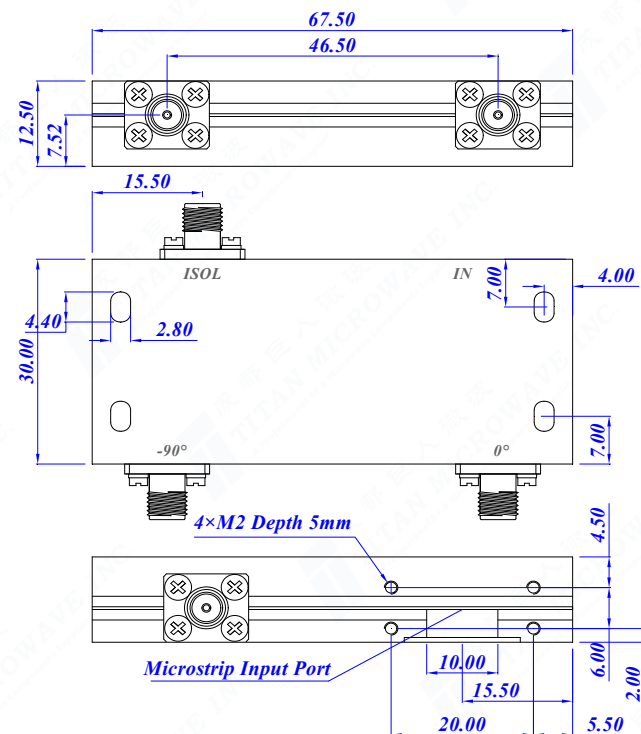
Frequency Range	4400~6800MHz
Insertion Loss	0.35dB max
VSWR	1.35:1 max
Isolation	18dB min
Amplitude Balance	±0.5dB max
Phase Balance	±4° max
Impedance	50 Ohms
Power Rating	160W(CW)

► Mechanical Data

Connectors	SMA-Female & Microstrip
Dimensions	67.5×30×12.5mm
Surface Finish	Natural Color Conductive Oxidation

► Environmental Data

Operating Temperature	-55℃~+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 21/12/22
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°

TITLE:

3dB 90° Hybrid Coupler,
4400~6800MHz, 160W,
SMA-Female, Microstrip

PART No.:

TMHC90-04400680-160S



www.titan-microwave.com



DIMENSIONS IN MILLIMETERS(mm)

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