

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

TECHNICAL DATA

► Electrical Data

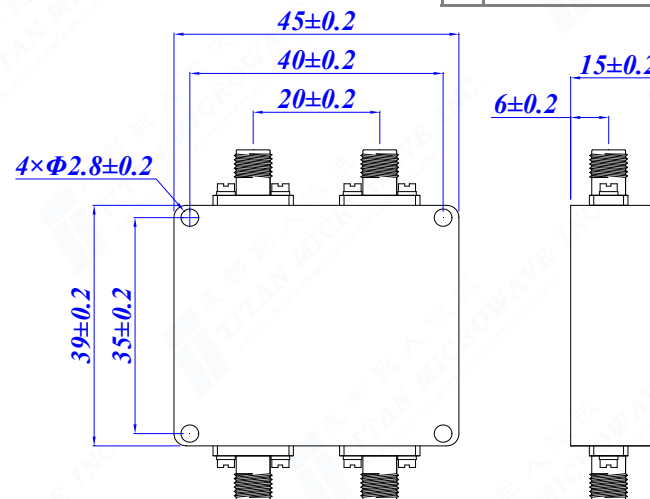
Frequency Range	5250~5850MHz
Insertion Loss(average)	0.6dB max
VSWR	1.5:1 max
Isolation	18dB min
Amplitude Balance	±0.4dB max
Phase Balance	±5° max
Impedance	50 Ohms
Power Rating	50W(CW)

► Mechanical Data

Connectors	SMA-Female
Dimensions	45×39×15mm
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			TITLE: 3dB 90° Hybrid Coupler, 5250~5850MHz, 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			PART No.: TMHC90-05250585-50S		DIMENSIONS IN MILLIMETERS(mm)			
TOLERANCE UNLESS OTHERWISE SPECIFIED								
x	±0.50	[0.019"]			SIZE:	SCALE:	SHEET:	REV:
.x	±0.20	[0.008"]			A4		1/1	A
.xx	±0.10	[0.004"]						
ANGLES	±1°							