

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

TECHNICAL DATA

► Electrical Data

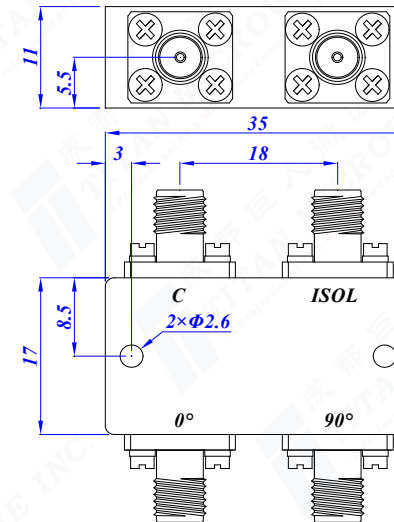
Frequency Range	3000~14500MHz
Insertion Loss(average)	0.8dB max
VSWR	1.5:1 max
Isolation	16dB min
Amplitude Balance	±0.8dB max
Phase Balance	±6°
Impedance	50 Ohms
Power Rating	50W(CW)

► Mechanical Data

Connectors	SMA-Female
Dimensions	35×17×11mm
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, 3000~14500MHz, 50W, SMA-Female	 成都巨人微波 TITAN MICROWAVE INC. - A Professional RF & Microwave Components Supplier -			
ENGINEER: J. Zhu 21/12/22				www.titan-microwave.com			
APPROVED: C. Chen 21/12/22							
TOLERANCE UNLESS OTHERWISE SPECIFIED				PART No.: TMHC90-03001450-50S	 DIMENSIONS IN MILLIMETERS(mm)		
x	±0.50	[0.019"]					
.x	±0.20	[0.008"]					
.xx	±0.10	[0.004"]					
ANGLES	±1°			SIZE: A4	SCALE:	SHEET: 1/1	REV: A