

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

TECHNICAL DATA

► Electrical Data

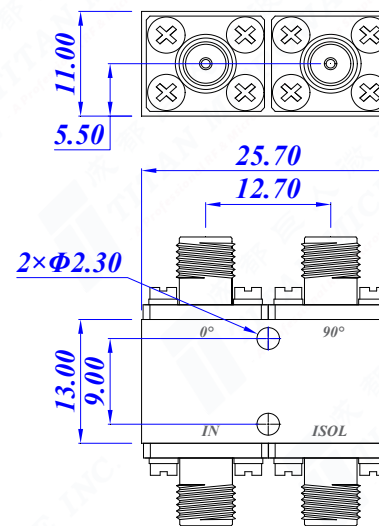
Frequency Range	7000~13000MHz
Insertion Loss(average)	0.5dB max
VSWR	1.6:1 max
Isolation	14dB min
Amplitude Balance	±0.5dB max
Phase Balance	±5° max
Impedance	50 Ohms
Power Rating	5W(CW)

► Mechanical Data

Connectors	SMA-Female
Dimensions	25.7×13×11mm
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, 7000~13000MHz, 5W, 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											
TOLERANCE UNLESS OTHERWISE SPECIFIED			PART No.: TMHC90-07001300-5S			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	

x	±0.50	[0.019"]
.x	±0.20	[0.008"]
.xx	±0.10	[0.004"]
ANGLES	±1°	