

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2025/9/16	C. Chen

TECHNICAL DATA

► Electrical Data

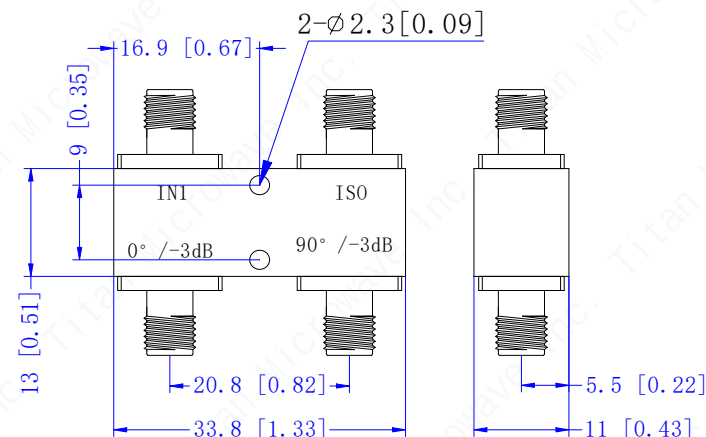
Frequency Range	2000~2300MHz
Insertion Loss	0.6dB max
Nominal Split	3.01dB typ
VSWR	1.2:1 max
Isolation	22dB min
Amplitude Balance	±0.5dB max
Phase Balance	±3° max
Average Power	50W
Impedance	50 Ohms

► Mechanical Data

Dimensions	33.8×13×11mm
Connectors	SMA-Female
Surface Finish	Conductive Oxidation

► Environmental Data

Operating Temperature	-40℃~+80℃
Storage Temperature	-45℃~+85℃



Notes:

- ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME
- CUSTOMER OUTLINE DRAWING FOR REFERENCE ONLY

DRAWN: L. Ma 16/09/25	TITLE: 90° Hybrid Coupler, 2000~2300MHz, 50W SMA-Female	 TITAN MICROWAVE INC. - A Professional RF & Microwave Components Supplier - www.titan-microwave.com		
ENGINEER: J. Zhu 16/09/25				
APPROVED: C. Chen 16/09/25				
TOLERANCE UNLESS OTHERWISE SPECIFIED				
x ±0.50 [0.019"]	PART No.: TMHC90-02000230-50S	 DIMENSIONS IN MILLIMETERS(mm)		
.x ±0.20 [0.008"]				
.xx ±0.10 [0.004"]				
ANGLES ±1°				
		SIZE: A4	SCALE:	SHEET: 1/1
				REV: A