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

TECHNICAL DATA

▶ Electrical Data

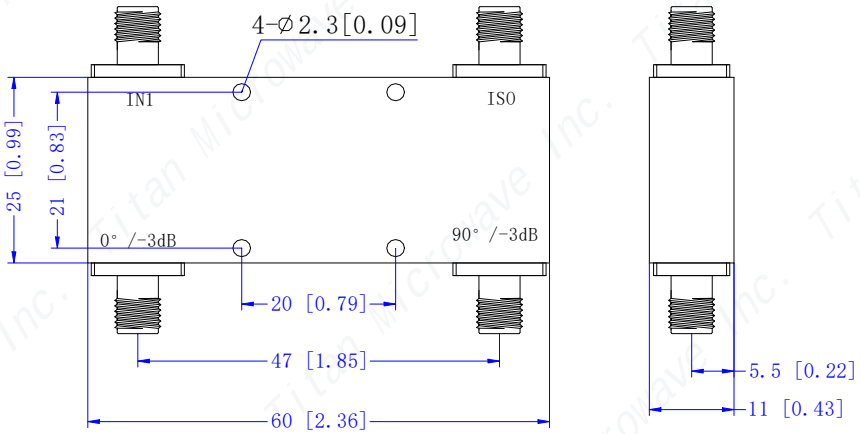
Frequency Range	3~6GHz
Insertion Loss	1.0dB max
VSWR	1.30:1 max
Isolation	20dB min
Amplitude Balance	±0.4dB max
Phase Balance	±4°
Impedance	50 Ohms
Power Rating(CW)	50W

▶ Mechanical Data

Input/Output Connectors	SMA-Female
Dimensions	60×25×11mm
Surface Finish	Black Painted

▶ Environmental Data

Operating Temperature	-45℃~+85℃



Notes:

1. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME
2. 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 Deg. Hybrid Coupler, 3~6GHz, 50W, SMA-Female

PART No.:

TMHC90-03000600-50S

成都巨人微波
TITAN MICROWAVE INC.
- A Professional RF & Microwave Components Supplier -
www.titan-microwave.com

DIMENSIONS IN MILLIMETERS(mm)

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