

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

TECHNICAL DATA

► Electrical Data

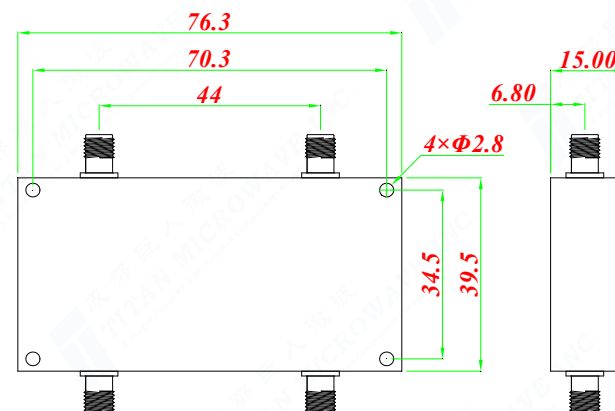
Frequency Range	850~4500MHz
Insertion Loss	1.8dB max
VSWR	1.7:1 max
Isolation	12dB min
Amplitude Balance	±1.8dB max
Phase Balance	±15° max
Impedance	50 Ohms
Power Rating	125W

► Mechanical Data

Input/Output Connectors	SMA-Female
Dimensions	76.3×39.5×15mm
Surface Finish	Natural Color Conductive Oxidation

► Environmental Data

Operating Temperature	-55℃~+85℃
-----------------------	-----------



Notes:

- ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME
- 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° Hybrid Coupler,
800~4500MHz, 125W,
SMA-Female

PART No.:

TMHC90-00800450-125S



www.titan-microwave.com



DIMENSIONS IN MILLIMETERS(mm)

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