

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2026/1/24	C. Chen

TECHNICAL DATA

► Electrical Data

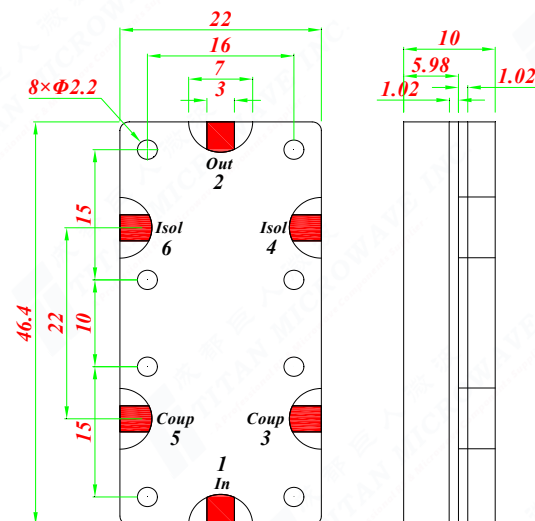
Frequency Range	1087~1093MHz
Coupling	25±0.5dB@Port 3, 35±0.5dB@Port 5
Coupling Flatness	±0.5dB max
Insertion Loss	0.12dB max
VSWR(Primary Line)	1.3:1 max
Directivity	30dB min@Port 3 - Port 4
Main Line Power	50W(CW), 2500(Peak Power, 2% Duty Cycle)

► Mechanical Data

Connector Type	Microstrip
Surface Finish	Conductive Oxidation
Dimensions	46.4×22×10mm

► 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 24/01/26			TITLE: SMD Directional Coupler, 1087~1093MHz, 50W, 35dB	 成都巨人微波 TITAN MICROWAVE INC. - A Professional RF & Microwave Components Supplier - www.titan-microwave.com			
ENGINEER: J. Zhu 24/01/26							
APPROVED: C. Chen 24/01/26				  DIMENSIONS IN MILLIMETERS(mm)			
TOLERANCE UNLESS OTHERWISE SPECIFIED							
x	±0.50	[0.019"]	PART No.: TM013057-35D	SIZE:	SCALE:	SHEET:	REV:
.x	±0.20	[0.008"]		A4		1/1	A
.xx	±0.10	[0.004"]					
ANGLES	±1°						