

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2025/4/30	C. Chen

TECHNICAL DATA

► Electrical Data

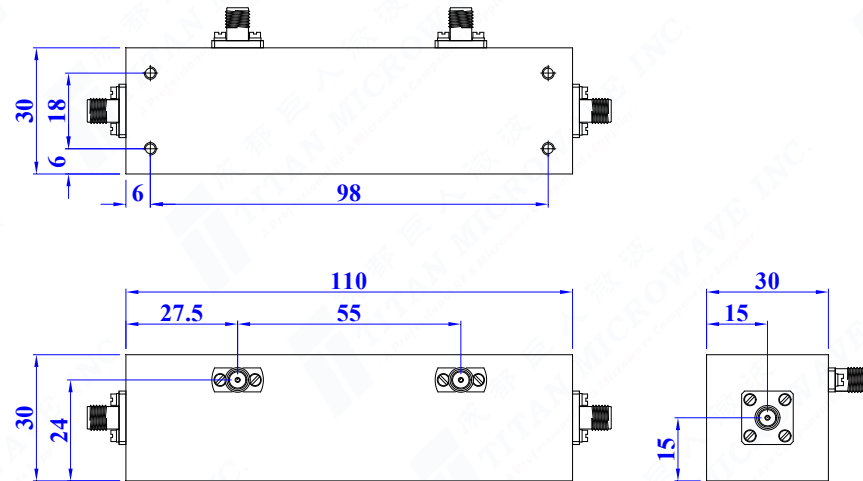
Frequency Range	4KHz~100MHz
Coupling	40±1.0dB
Coupling Flatness	±0.5dB max
Insertion Loss	0.25dB max
Primary Line VSWR	1.2:1 max
Directivity	20dB min
Impedance	50 Ohms
Primary Line Power	200W(CW)

► Mechanical Data

Primary Line Connectors	SMA-Female
Coupled Connectors	SMA-Female
Housing Material	Aluminum
Surface Finish	Conductive Oxidation
Dimensions	110×30×30mm



► 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 30/04/25			TITLE: Dual Directional Coupler, 4KHz~100MHz, 40dB, 200W, SMA-Female		<div>成都巨人微波 TITAN MICROWAVE INC. - A Professional RF & Microwave Components Supplier -</div> <div>www.titan-microwave.com</div>			
ENGINEER: J. Zhu 30/04/25								
APPROVED: C. Chen 30/04/25								
TOLERANCE UNLESS OTHERWISE SPECIFIED			PART No.: TDDC-4K100M-40S200		<div>DIMENSIONS IN MILLIMETERS(mm)</div>			
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