

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

TECHNICAL DATA

► Electrical Data

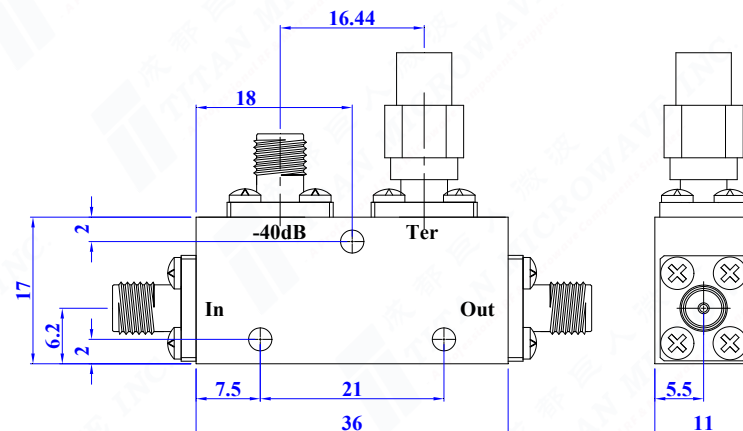
Frequency Range	4~8GHz
Coupling	40±0.5dB max
Coupling Flatness	±0.5dB max
Insertion Loss	0.3dB max
Primary Line VSWR	1.3:1 max
Directivity	16dB min
Impedance	50 Ohms
Primary Line Power	20W

► Mechanical Data

Primary Line Connectors	SMA-Female
Coupled Connectors	SMA-Female
Housing Material	Aluminum
Surface Finish	Conductive Oxidation
Dimensions	36×17×11mm


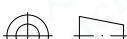
► Environmental Data

Operating Temperature	-55℃~+85℃
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Notes:

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

DRAWN: L. Ma 30/04/25			<div>TITLE:</div> <div>Single Directional Coupler, 4~8GHz, 40dB, 20W, SMA-Female</div>	<div> 成都巨人微波 TITAN MICROWAVE INC. <i>- A Professional RF & Microwave Components Supplier -</i></div>			
ENGINEER: J. Zhu 30/04/25				<div>www.titan-microwave.com</div>			
APPROVED: C. Chen 30/04/25							
TOLERANCE UNLESS OTHERWISE SPECIFIED							
x	±0.50	[0.019"]	<div>PART No.:</div> <div>TMDC-04000800-40S20</div>	<div> DIMENSIONS IN MILLIMETERS(mm)</div>			
.x	±0.20	[0.008"]					
.xx	±0.10	[0.004"]					
ANGLES	±1°						
			SIZE:	SCALE:	SHEET:	REV:	
			A4		1/1	A	