

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2022/4/16	C. Chen

TECHNICAL DATA

► Electrical Data

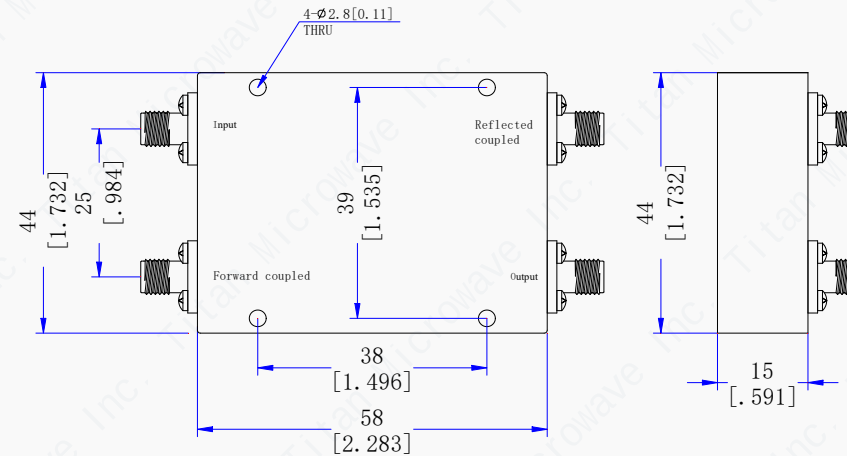
Frequency Range	20~520MHz
Insertion Loss	0.35dB max
VSWR Primary	1.25:1 max
VSWR Secondary	1.25:1 max
Directivity	20dB min
Nominal Coupling	50±1.0dB
Frequency Sensitivity	±0.6dB
Power Rating	50W
Impedance	50 Ohms

► Mechanical Data

Dimensions	58×44×15mm
Connector Type	SMA-Female
Surface Finish	Conductive Oxidation

► Environmental Data

Operating Temperature	-45℃~+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 16/04/22	TITLE: Single Directional Coupler, 20~520MHz, 50dB, 50W, SMA-Female	 成都巨人微波 TITAN MICROWAVE INC. - A Professional RF & Microwave Components Supplier - www.titan-microwave.com		
ENGINEER: J. Zhu 16/04/22				
APPROVED: C. Chen 16/04/22				
TOLERANCE UNLESS OTHERWISE SPECIFIED	PART No.:	 DIMENSIONS IN MILLIMETERS(mm)		
x ±0.50 [0.019"] .x ±0.20 [0.008"] .xx ±0.10 [0.004"] ANGLES ±1°	TMDC-00020052-50S50			
		SIZE: A4	SCALE:	SHEET: 1/1 REV: A