

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2025/5/26	C. Chen

TECHNICAL DATA

► Electrical Data

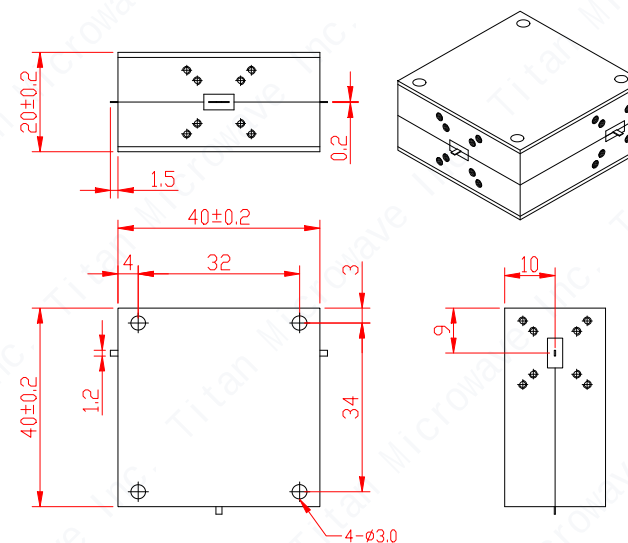
Frequency Range	1.7~2.7GHz
Insertion Loss	0.6dB max
VSWR	1.3:1 max
Isolation	18dB min
Forward Power	100W(CW)
Direction	Clockwise
Impedance	50 Ohms

► Mechanical Data

Dimensions	40×40×20mm
Connector Type	Microstrip
Material	Aluminum
Surface Finish	Nickel Plated

► Environmental Data

Operating Temperature	-10℃~+60℃
Storage Temperature	-50℃~+90℃



Notes:

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

DRAWN: L. Ma 26/05/25			TITLE: Drop-in Circulator, 1.7~2.7GHz, 100W, Clockwise	 成都巨人微波 TITAN MICROWAVE INC. - A Professional RF & Microwave Components Supplier -			
ENGINEER: J. Zhu 26/05/25				www.titan-microwave.com			
APPROVED: C. Chen 26/05/25							
TOLERANCE UNLESS OTHERWISE SPECIFIED							
x	±0.50	[0.019"]	PART No.: TMDC-01700270-100	 DIMENSIONS IN MILLIMETERS(mm)			
.x	±0.20	[0.008"]		SIZE: A4 SCALE: SHEET: 1/1 REV: A			
.xx	±0.10	[0.004"]					
ANGLES	±1°						