

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

TECHNICAL DATA

► Electrical Data

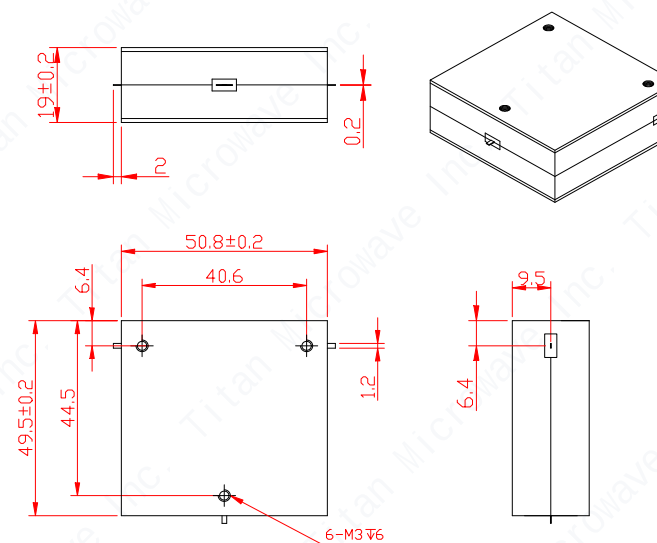
Frequency Range	1.5~3GHz
Insertion Loss	0.6dB max
VSWR	1.35:1 max
Isolation	17dB min
Forward Power	150W(CW)
Direction	Clockwise
Impedance	50 Ohms

► Mechanical Data

Dimensions	50.8×49.5×19mm
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, 1.5~3GHz, 150W, Clockwise	 www.titan-microwave.com		
ENGINEER: J. Zhu 26/05/25				
APPROVED: C. Chen 26/05/25		 DIMENSIONS IN MILLIMETERS(mm)		
TOLERANCE UNLESS OTHERWISE SPECIFIED	PART No.:	SIZE:	SCALE:	SHEET:
x ±0.50 [0.019"]	TMDC-01500300-150	A4		1/1
.x ±0.20 [0.008"]				
.xx ±0.10 [0.004"]				
ANGLES ±1°				REV: A