

TECHNICAL DATA

► Electrical Data

Frequency Range	2~6GHz
Insertion Loss	0.85dB max
VSWR	1.5:1 max
Isolation	12dB min
Forward Power	50W(CW)
Direction	Clockwise
Impedance	50 Ohms

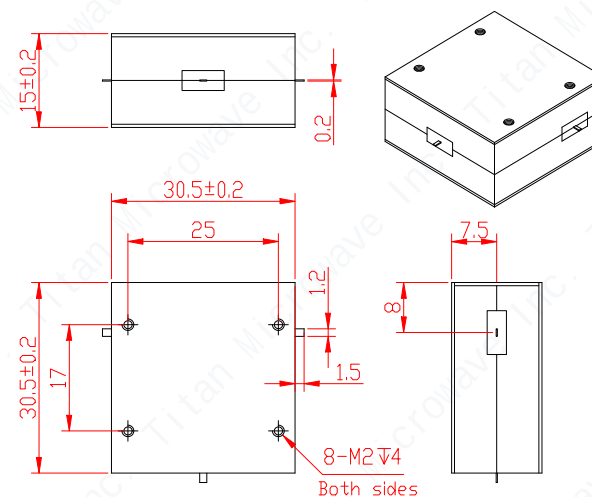
► Mechanical Data

Dimensions	30.5×30.5×15mm
Connector Type	Microstrip
Material	Aluminum
Surface Finish	Nickel Plated

► Environmental Data

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

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2022/5/26	C. Chen



Notes:

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

DRAWN: L. Ma 26/05/22		
ENGINEER: J. Zhu 26/05/22		
APPROVED: C. Chen 26/05/22		
TOLERANCE UNLESS OTHERWISE SPECIFIED		
x	±0.50	[0.019"]
.x	±0.20	[0.008"]
.xx	±0.10	[0.004"]
ANGLES	±1°	

TITLE:

Drop-in Circulator,
2~6GHz,
50W, Clockwise

PART No.:

TMDC-02000600-50



www.titan-microwave.com



DIMENSIONS IN MILLIMETERS(mm)

SIZE: A4	SCALE:	SHEET: 1/1	REV: A
-------------	--------	---------------	-----------