

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

TECHNICAL DATA

► Electrical Data

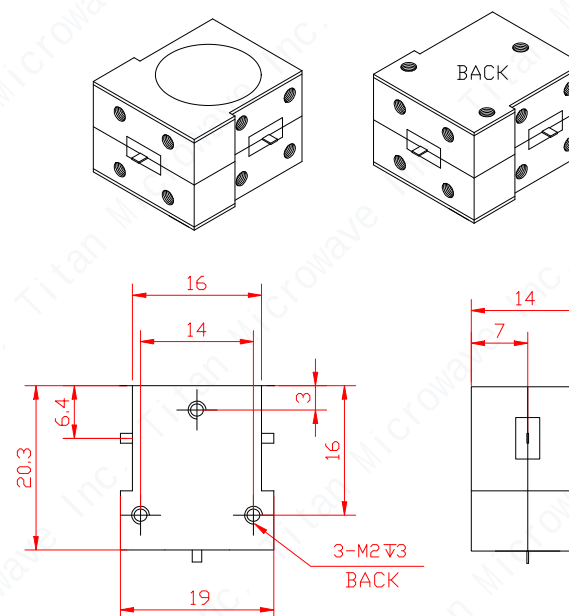
Frequency Range	12~18GHz
Insertion Loss	0.8dB max
VSWR	1.4:1 max
Isolation	17dB min
Forward Power	30W(CW)
Direction	Clockwise
Impedance	50 Ohms

► Mechanical Data

Dimensions	16×20.3×14mm
Connector Type	Microstrip
Material	Aluminum
Surface Finish	Nickel Plated

► Environmental Data

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



Notes:

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

DRAWN: L. Ma 26/05/25		
ENGINEER: J. Zhu 26/05/25		
APPROVED: C. Chen 26/05/25		
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,
12~18GHz,
30W, Clockwise

PART No.:

TMDC-12001800-30



www.titan-microwave.com



DIMENSIONS IN MILLIMETERS(mm)

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