

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

TECHNICAL DATA

► Electrical Data

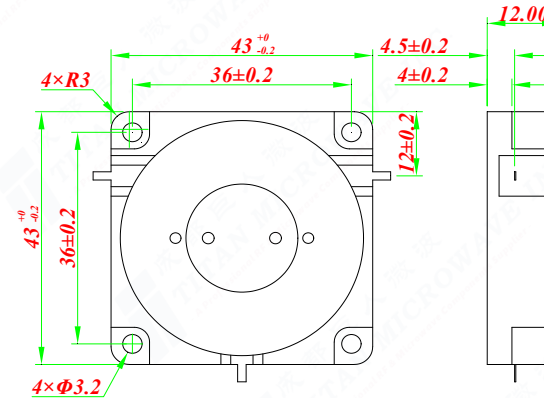
Frequency Range	400~480MHz
Insertion Loss	0.4dB max
VSWR	1.3:1 max
Isolation	18dB min
Forward Power	300W(CW)
Pulse Power	3000W
Direction	Clockwise
Impedance	50 Ohms

► Mechanical Data

Dimensions	43×43×12mm
Connector Type	Microstrip
Material	Aluminum
Surface Finish	Nickel Plated

► Environmental Data

Operating Temperature	-55℃~+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 26/05/22	TITLE: Drop-in Circulator, 400~480MHz, 300W, Clockwise	 www.titan-microwave.com		
ENGINEER: J. Zhu 26/05/22				
APPROVED: C. Chen 26/05/22		 DIMENSIONS IN MILLIMETERS(mm)		
TOLERANCE UNLESS OTHERWISE SPECIFIED	PART No.:	SIZE:	SCALE:	SHEET:
x ±0.50 [0.019"]	TMDC-00400048-300	A4		1/1
.x ±0.20 [0.008"]				REV:
.xx ±0.10 [0.004"]				A
ANGLES ±1°				