

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

## TECHNICAL DATA

### ► Electrical Data

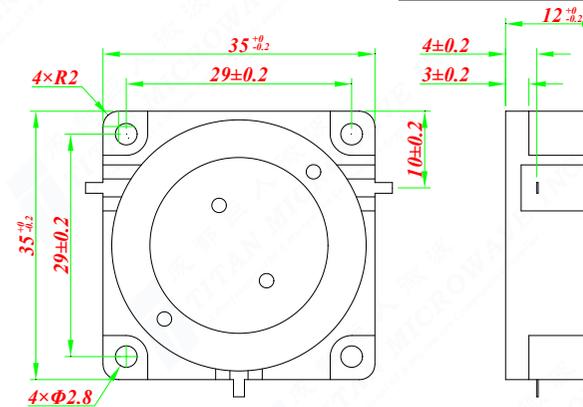
Frequency Range	470~610MHz
Insertion Loss	0.4dB max
VSWR	1.3:1 max
Isolation	18dB min
Forward Power	300W(CW)
Pulse Power	3000W
Direction	Clockwise
Impedance	50 Ohms

### ► Mechanical Data

Dimensions	35×35×12mm
Connector Type	Microstrip
Material	Aluminum
Surface Finish	Nickel Plated

### ► Environmental Data

Operating Temperature	-55℃~+85℃
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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,  
470~610MHz,  
300W, Clockwise

**PART No.:**  
TMDC-300-00470061

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DIMENSIONS IN MILLIMETERS(mm)

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

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