

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

## TECHNICAL DATA

### ► Electrical Data

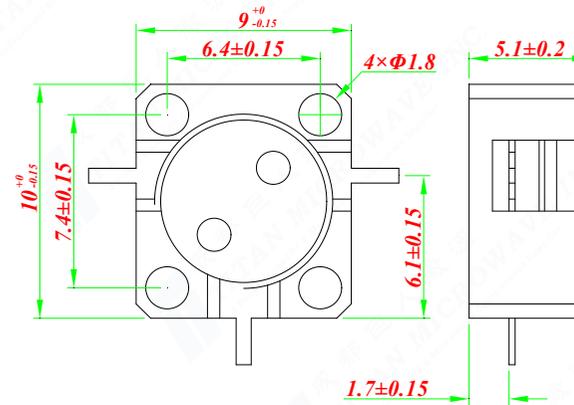
Frequency Range	12~14GHz
Insertion Loss	0.4dB max
VSWR	1.25:1 max
Isolation	19dB min
Forward Power	50W(CW)
Pulse Power	500W
Direction	Clockwise
Impedance	50 Ohms

### ► Mechanical Data

Dimensions	9×10×5.1mm
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 ENGINEER: J. Zhu 26/05/22 APPROVED: C. Chen 26/05/22 TOLERANCE UNLESS OTHERWISE SPECIFIED	<b>TITLE:</b> Drop-in Circulator, 12~14GHz, 50W Clockwise	 <b>成都巨人微波</b> <b>TITAN MICROWAVE INC.</b> - A Professional RF & Microwave Components Supplier - <a href="http://www.titan-microwave.com">www.titan-microwave.com</a>												
<table border="0"> <tr> <td>x</td> <td>±0.50</td> <td>[0.019"]</td> </tr> <tr> <td>.x</td> <td>±0.20</td> <td>[0.008"]</td> </tr> <tr> <td>.xx</td> <td>±0.10</td> <td>[0.004"]</td> </tr> <tr> <td>ANGLES</td> <td>±1°</td> <td></td> </tr> </table>	x		±0.50	[0.019"]	.x	±0.20	[0.008"]	.xx	±0.10	[0.004"]	ANGLES	±1°		<b>PART No.:</b> TMDC-12001400-50
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ANGLES	±1°													
		<b>SIZE:</b> A4	<b>SCALE:</b>	<b>SHEET:</b> 1/1	<b>REV:</b> A									