

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2023/3/18	C. Chen

## TECHNICAL DATA

### ► Electrical Data

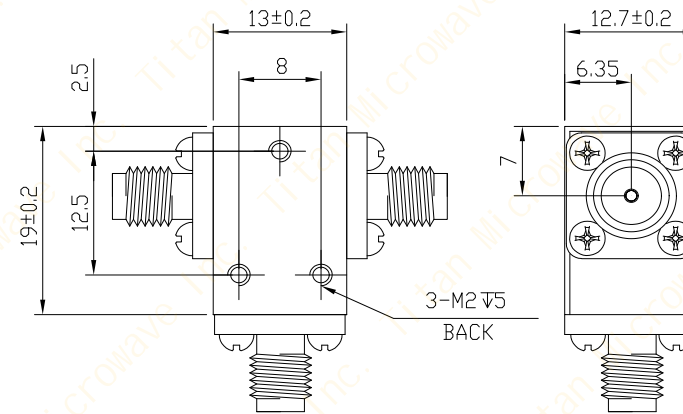
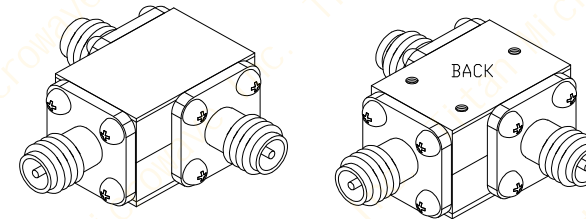
Frequency Range	6~7GHz
Insertion Loss	0.5dB max
VSWR	1.3:1 max
Isolation	18dB min
Impedance	50 Ohms
Forward Power	30W
Direction	Clockwise

### ► Mechanical Data

Dimensions	13×19×12.7mm
Connectors	SMA-Female
Connectors Material	Copper
Housing Material	Aluminum
Surface Finish	Conductive Oxidation
Weight	20g

### ► Environmental Data

Temperature Range	0℃~+60℃
Storage Temperature	-50℃~+90℃



DRAWN: L. Ma 19/03/23		
ENGINEER: J. Zhu 19/03/23		
APPROVED: C. Chen 19/03/23		
TOLERANCE UNLESS OTHERWISE SPECIFIED		
x	±0.50	[0.019"]
.x	±0.20	[0.008"]
.xx	±0.10	[0.004"]
ANGLES	±1°	

**TITLE:**  
Coaxial Circulator,  
6~7GHz, 30W, Clockwise,  
SMA-Female

**PART No.:**  
TMCC-06000700-30S

**成都巨人微波**  
**TITAN MICROWAVE INC.**  
- A Professional RF & Microwave Components Supplier -

[www.titan-microwave.com](http://www.titan-microwave.com)



DIMENSIONS IN MILLIMETERS(mm)

<b>SIZE:</b> A4	<b>SCALE:</b>	<b>SHEET:</b> 1/1	<b>REV:</b> A
--------------------	---------------	----------------------	------------------

**Notes:**

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