

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

TECHNICAL DATA

► Electrical Data

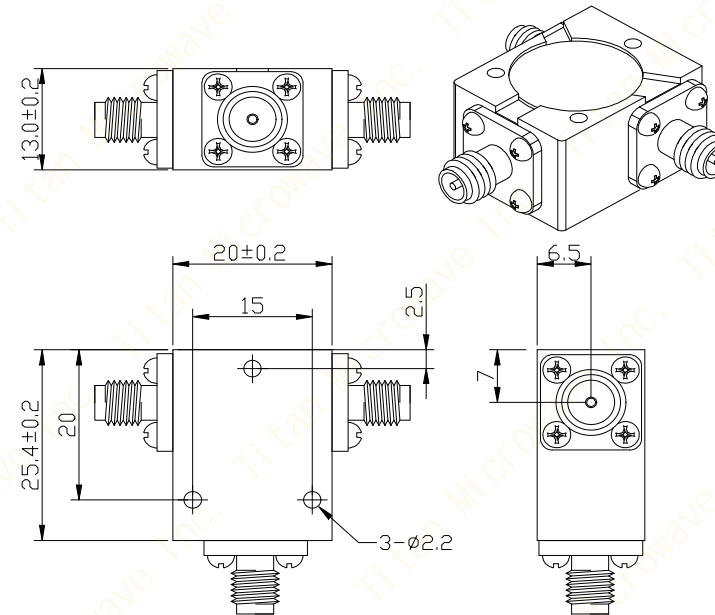
Frequency Range	1.7~1.9GHz
Insertion Loss	0.4dB max
VSWR	1.25:1 max
Isolation	20dB min
Impedance	50 Ohms
Forward Power	100W
Direction	Clockwise

► Mechanical Data

Dimensions	20×25.4×13mm
Connectors	SMA-Female
Housing Material	Aluminum
Surface Finish	Conductive Oxidation
Weight	47g

► Environmental Data

Temperature Range	-30℃~+70℃
Storage Temperature	-50℃~+90℃



Notes:

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

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,
1.7~1.9GHz, 100W,
Clockwise,
SMA-Female

PART No.:
TMCC-01700190-100S



www.titan-microwave.com



DIMENSIONS IN MILLIMETERS(mm)

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