

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2023/9/16	C. Chen

TECHNICAL DATA

► Electrical Data

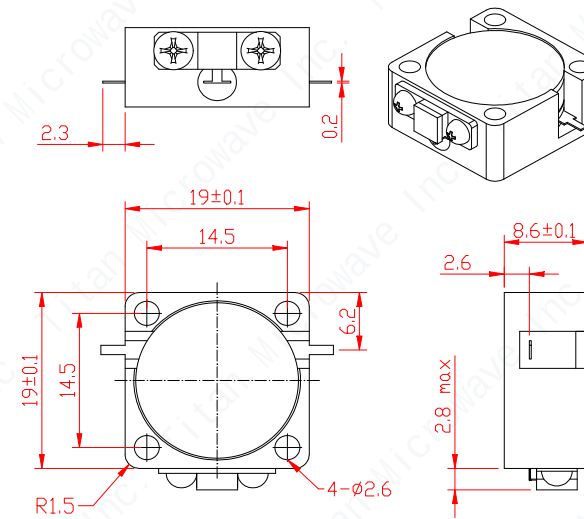
Frequency Range	1.805~2.117GHz
Insertion Loss	0.4dB max
VSWR	1.25:1 max
Isolation	20dB min
Forward Power	100W
Reverse Power	20W
Direction	Clockwise
Impedance	50 Ohms

► Mechanical Data

Dimensions	19×19×8.6mm
Connector Type	Stripline
Material	Aluminum
Surface Finish	Nickel Plated
Weight	18g

► Environmental Data

Operating Temperature	-30℃~+75℃
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 16/09/23			TITLE: Drop-in Isolator 1.805-2.117GHz, Clockwise 100W		 成都巨人微波 TITAN MICROWAVE INC. - A Professional RF & Microwave Components Supplier -		www.titan-microwave.com			
ENGINEER: J. Zhu 16/09/23										
APPROVED: C. Chen 16/09/23										
TOLERANCE UNLESS OTHERWISE SPECIFIED			PART No.: TMDI-100-01800211		 DIMENSIONS IN MILLIMETERS(mm)					
x ±0.50 [0.019"]										
.x ±0.20 [0.008"]										
.xx ±0.10 [0.004"]										
ANGLES ±1°										
			SIZE: A4		SCALE:		SHEET: 1/1		REV: A	