

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

TECHNICAL DATA

► Electrical Data

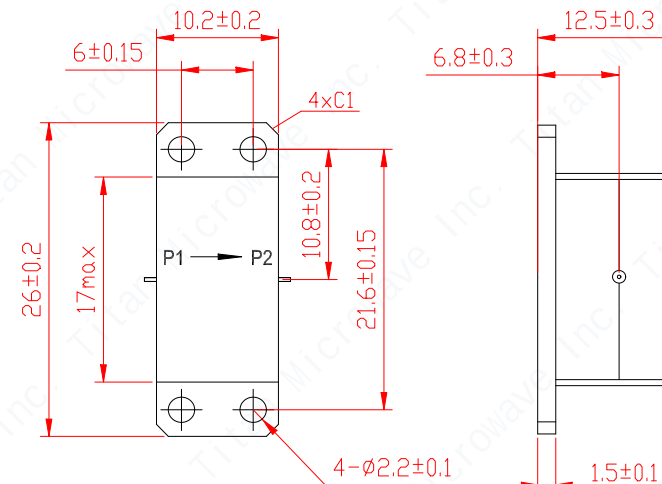
Frequency Range	27~31GHz
Insertion Loss	1dB max
VSWR	1.3:1 max
Isolation	20dB min
Forward Power	5W
Reverse Power	1W
Direction	P1→P2
Impedance	50 Ohms

► Mechanical Data

Dimensions	10.2×17×12.5mm
Connector Type	Stripline
Material	Aluminum
Surface Finish	Conductive Oxidation

► Environmental Data

Operating Temperature	-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 16/09/23			TITLE: Drop-in Isolator 27-31GHz, 5W	 成都巨人微波 TITAN MICROWAVE INC. <i>- A Professional RF & Microwave Components Supplier -</i>			
ENGINEER: J. Zhu 16/09/23				www.titan-microwave.com			
APPROVED: C. Chen 16/09/23							
TOLERANCE UNLESS OTHERWISE SPECIFIED							
x	±0.50	[0.019"]	PART No.: TMDI-27003100-5	 DIMENSIONS IN MILLIMETERS(mm)			
.x	±0.20	[0.008"]					
.xx	±0.10	[0.004"]					
ANGLES	±1°						
			SIZE:	SCALE:	SHEET:	REV:	
			A4		1/1	A	