

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

TECHNICAL DATA

► Electrical Data

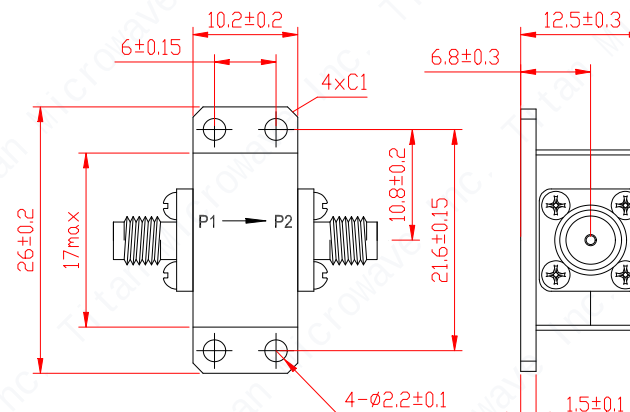
Frequency Range	27~31GHz
Insertion Loss	1.0dB max
VSWR	1.3:1 max
Isolation	20dB min
Forward Power	5W
Reverse Power	1W
Direction	Clockwise
Impedance	50 Ohms

► Mechanical Data

Dimensions	10.2×26×12.5mm
Connector	2.92mm-Female
Material	Aluminum
Surface Finish	Nickel Plated
Weight	40g

► Environmental Data

Operating Temperature	-10℃~+60℃
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: Coaxial Isolator 27-31GHz, 5W, 2.92mm-Female	 www.titan-microwave.com		
ENGINEER: J. Zhu 16/09/23				
APPROVED: C. Chen 16/09/23		 DIMENSIONS IN MILLIMETERS(mm)		
TOLERANCE UNLESS OTHERWISE SPECIFIED				
x ±0.50 [0.019"]	PART No.: TMDI-27003100-5K	SIZE:	SCALE:	SHEET:
.x ±0.20 [0.008"]		A4		1/1
.xx ±0.10 [0.004"]				REV:
ANGLES ±1°				A