

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

TECHNICAL DATA

► Electrical Data

Frequency Range	475~525MHz
Insertion Loss	0.3dB max
VSWR	1.2:1 max
Isolation	23dB min
Forward Power	300W
Reverse Power	30dB100W
Direction	Clockwise
Impedance	50 Ohms

► Mechanical Data

Dimensions	35×46×11mm
Connector Type	Stripline
Material	Aluminum
Surface Finish	Nickel Plated
Weight	93g

► 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 475-525MHz, Clockwise 300W	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				DIMENSIONS IN MILLIMETERS(mm)			
TOLERANCE UNLESS OTHERWISE SPECIFIED							
x	±0.50	[0.019"]	PART No.: TMDI-00470052-300	SIZE: A4	SCALE:	SHEET: 1/1	REV: A
.x	±0.20	[0.008"]					
.xx	±0.10	[0.004"]					
ANGLES	±1°						