

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

TECHNICAL DATA

► Electrical Data

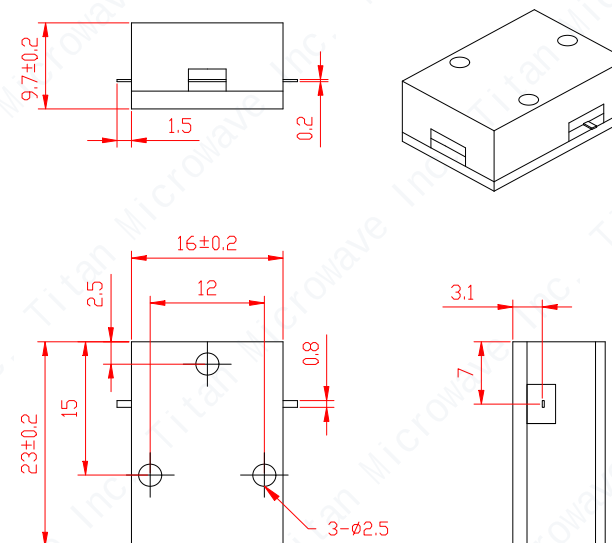
Frequency Range	5.8~6.5GHz
Insertion Loss	0.4dB max
VSWR	1.25:1 max
Isolation	20dB min
Forward Power	100W
Reverse Power	10W
Direction	Clockwise
Impedance	50 Ohms

► Mechanical Data

Dimensions	16×23×9.7mm
Connector Type	Stripline
Material	Aluminum
Surface Finish	Nickel Plated

► 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		
ENGINEER: J. Zhu 16/09/23		
APPROVED: C. Chen 16/09/23		
TOLERANCE UNLESS OTHERWISE SPECIFIED		
x	±0.50	[0.019"]
.x	±0.20	[0.008"]
.xx	±0.10	[0.004"]
ANGLES	±1°	

TITLE:

Drop-in Isolator
5.8-6.5GHz, 100W

PART No.:

TMDI-05800650-100



www.titan-microwave.com



DIMENSIONS IN MILLIMETERS(mm)

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