

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

TECHNICAL DATA

► Electrical Data

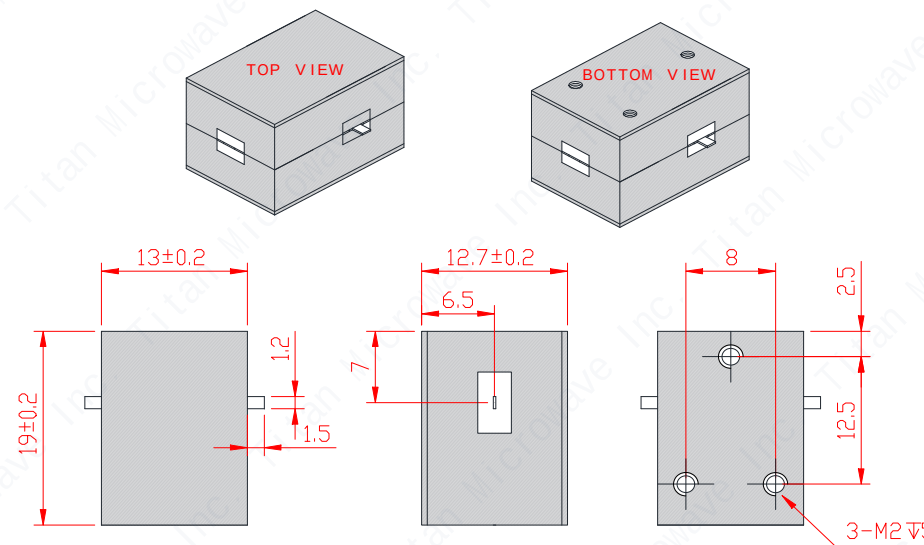
Frequency Range	9.85~10.15GHz
Insertion Loss	0.3dB max
VSWR	1.2:1 max
Isolation	23dB min
Forward Power	30W
Reverse Power	10W
Direction	Clockwise
Impedance	50 Ohms

► Mechanical Data

Dimensions	13×19×12.7mm
Connector Type	Stripline
Material	Aluminum
Surface Finish	Nickel Plated
Weight	20g

► 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
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
9.85-10.15GHz, 30W

PART No.:

TMDI-09851015-30



www.titan-microwave.com



DIMENSIONS IN MILLIMETERS(mm)

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