

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2023/4/12	C. Chen

TECHNICAL DATA

► Electrical Data

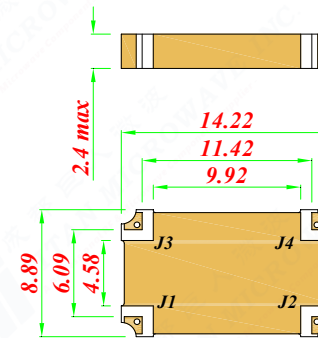
Frequency Range	1000~2000MHz
Coupling	10±0.7dB(average)
Coupling Flatness	±1.25dB max
Insertion Loss	0.35dB max(excluding coupling loss)
VSWR(Primary Line)	1.28:1 max
Directivity	15dB min
Main Line Power	160W

► Mechanical Data

Connector Type	SMD
Surface Finish	Immersion Gold
Dimensions	14.22×8.89×2.4mm max

► Environmental Data

Operating Temperature	-55℃~+85℃
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IN	OUT	Forward Coupled	Reflected Coupled
J1	J2	J3	J4
J2	J1	J4	J3

Notes:

- ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME
- CUSTOMER OUTLINE DRAWING FOR REFERENCE ONLY

DRAWN: L. Ma 12/04/23			成都巨人微波 TITAN MICROWAVE INC. - A Professional RF & Microwave Components Supplier - www.titan-microwave.com			
ENGINEER: J. Zhu 12/04/23						
APPROVED: C. Chen 12/04/23						
TOLERANCE UNLESS OTHERWISE SPECIFIED						
x ±0.50 [0.019"] .x ±0.20 [0.008"] .xx ±0.10 [0.004"] ANGLES ±1°			SMD Directional Coupler, 1000~2000MHZ, 160W, 10dB			
PART No.:			DIMENSIONS IN MILLIMETERS(mm)			
TM0131-10			SIZE: A4	SCALE:	SHEET: 1/1	REV: A