

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

TECHNICAL DATA

► Electrical Data

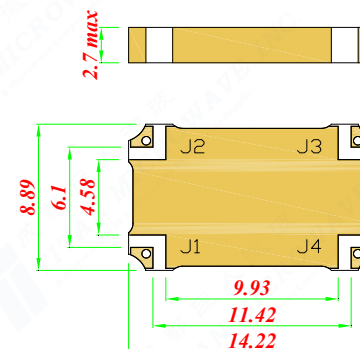
Frequency Range	1000~2000MHz
Coupling	20±0.7dB(average)
Coupling Flatness	±1.25dB max
Insertion Loss	0.25dB max
VSWR(Primary Line)	1.28:1 max
Directivity	16dB min
Main Line Power	160W

► 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	Coupled
J1	J4	J2
J4	J1	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			TITLE: SMD Directional Coupler, 1000~2000MHz, 160W, 20dB	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				PART No.: TM0131-20	DIMENSIONS IN MILLIMETERS(mm)			
APPROVED: C. Chen 12/04/23					SIZE:	SCALE:	SHEET:	REV:
TOLERANCE UNLESS OTHERWISE SPECIFIED					A4		1/1	A
x	±0.50	[0.019"]						
.x	±0.20	[0.008"]						
.xx	±0.10	[0.004"]						
ANGLES	±1°							

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