

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2022/5/14	C. Chen

TECHNICAL DATA

► Electrical Data

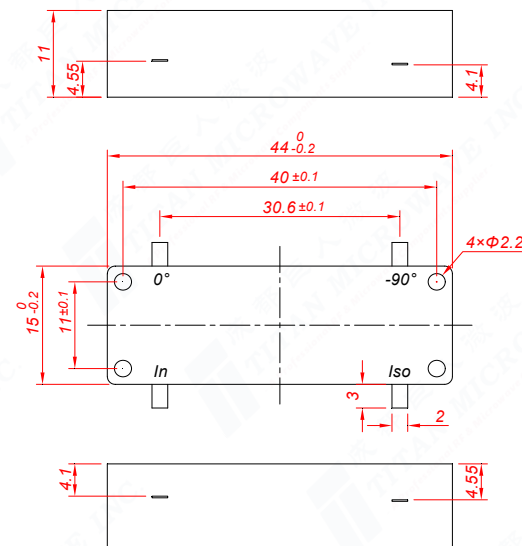
Frequency Range	400~700MHz
Insertion Loss(average)	0.3dB max
VSWR	1.3:1 max
Isolation	18dB min
Phase Balance	±3° max
Amplitude Balance	±0.5dB max
Power Handling	1600W(Peak Power, Duty Cycle 25%)

► Mechanical Data

Dimensions	44×15×11mm
Connector Type	Drop-in
Surface Finish	Natural Color Conductive Oxidation

► Environmental Data

Operating Temperature	-55℃~+85℃
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Notes:

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

DRAWN: L. Ma 14/05/22			TITLE: Drop-in 90 Degree Hybrid Coupler, 400-700MHz, Peak Power 1600W	 成都巨人微波 TITAN MICROWAVE INC. - A Professional RF & Microwave Components Supplier - www.titan-microwave.com				
ENGINEER: J. Zhu 14/05/22								
APPROVED: C. Chen 14/05/22				PART No.: TMF010037-3	 DIMENSIONS IN MILLIMETERS(mm)	SIZE: A4	SCALE:	SHEET: 1/1
TOLERANCE UNLESS OTHERWISE SPECIFIED								
x	±0.50	[0.019"]						
.x	±0.20	[0.008"]						
.xx	±0.10	[0.004"]						
ANGLES	±1°							