

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2025/6/6	C. Chen

TECHNICAL DATA

► Electrical Data

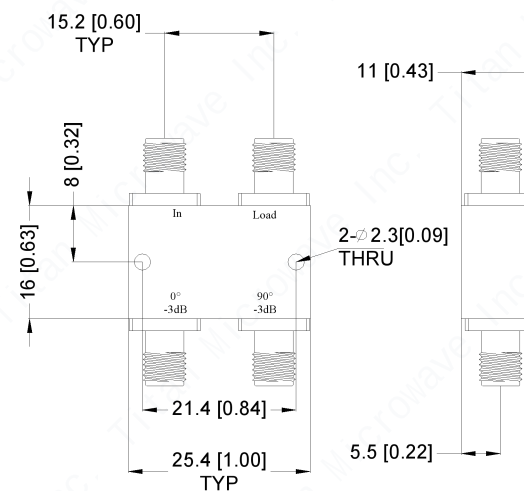
Frequency Range	10~40GHz
Insertion Loss	2.4dB max
VSWR	1.8:1 max
Isolation	12dB min
Amplitude Balance	±0.8dB max
Phase Balance	±10°
Average Power	20W
Impedance	50 Ohms

► Mechanical Data

Dimensions	25.4×16×11mm
Connectors	2.92mm-Female
Surface Finish	Black/Gray Painted

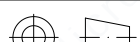
► Environmental Data

Operating Temperature	-40℃~+80℃
Storage Temperature	-45℃~+85℃



Notes:

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

DRAWN: L. Ma 06/06/25			TITLE: 90° Hybrid Coupler, 10~40GHz, 20W 2.92mm-Female	 成都巨人微波 TITAN MICROWAVE INC. - A Professional RF & Microwave Components Supplier -			
ENGINEER: J. Zhu 06/06/25				 DIMENSIONS IN MILLIMETERS(mm)			
APPROVED: C. Chen 06/06/25							
TOLERANCE UNLESS OTHERWISE SPECIFIED			PART No.:	www.titan-microwave.com			
x	±0.50	[0.019"]		TMHC90-10004000-20K	SIZE:	SCALE:	SHEET:
.x	±0.20	[0.008"]	A4			1/1	A
.xx	±0.10	[0.004"]					
ANGLES	±1°						