

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2022/4/16	C. Chen

TECHNICAL DATA

Electrical Data

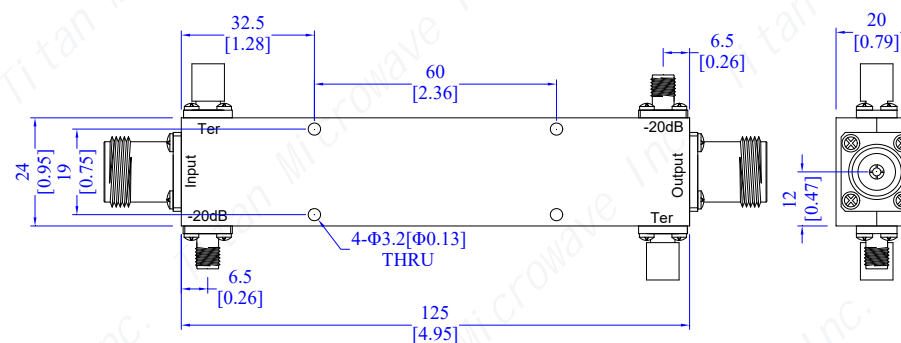
Frequency Range	0.4~3GHz
Nominal Coupling	20±1.5dB
Insertion Loss	0.35dB max(excluding coupling loss)
VSWR Primary	1.2:1 typ, 1.25:1 max
VSWR Secondary	1.15:1 typ, 1.25:1 max
Directivity	18dB min, 20dB typ
Frequency Sensitivity	±0.7dB typ, ±1.0dB max
Impedance	50 Ohms
Power Rating	100W

Mechanical Data

Dimensions	125×24×20mm
Input/Output Connectors	N-Female
Coupled Connector	SMA-Female
Housing Material	Aluminum 6061
Surface Finishing	Gray Painted

Environmental Data

Operating Temperature	-40℃~+70℃
Storage Temperature	-50℃~+85℃



Notes:

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

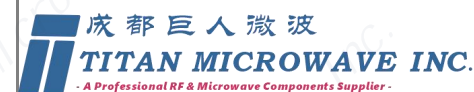
DRAWN: L. Ma 16/04/22		
ENGINEER: J. Zhu 16/04/22		
APPROVED: C. Chen 16/04/22		
TOLERANCE UNLESS OTHERWISE SPECIFIED		
x	±0.50	[0.019"]
.x	±0.20	[0.008"]
.xx	±0.10	[0.004"]
ANGLES	±1°	

TITLE:

Dual Directional Coupler,
0.4~3GHz,
Coupling 20dB, 100W,
N/SMA-Female

PART No.:

TDDC-00400300-20NS100



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DIMENSIONS IN MILLIMETERS(mm)

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