

TECHNICAL DATA

► Electrical Data

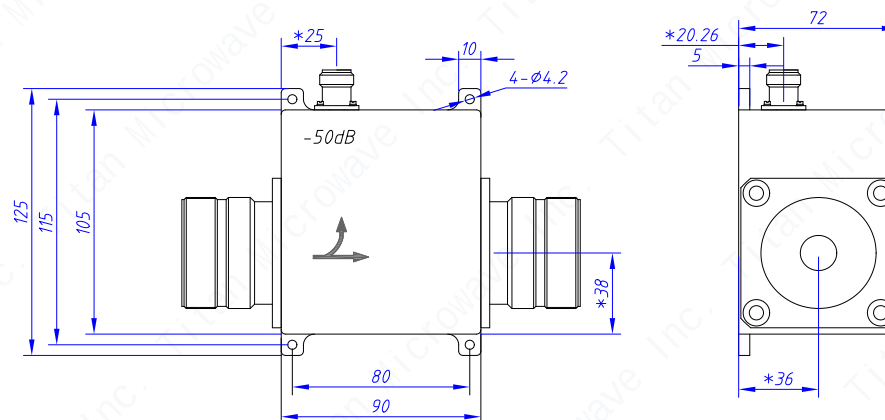
Frequency Range	100~500MHz
Nominal Coupling	50±1.0dB
Coupling Flatness	±0.4dB max
Insertion Loss	0.2dB max
Main Line VSWR	1.15:1 max
Directivity	20dB min
Impedance	50 Ohms
Main Line Power	6000W

► Mechanical Data

Input/Output Connectors	L52-Female
Coupled Connector	N-Female
Body Material	Aluminum
Surface Finish	Conductive Oxide
Dimensions	90×105×72mm

► Environmental Data

Operating Temperature	-40℃~+55℃
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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 24/03/25		
ENGINEER: J. Zhu 24/03/25		
APPROVED: C. Chen 24/03/25		
TOLERANCE UNLESS OTHERWISE SPECIFIED		
x	±0.50	[0.019"]
.x	±0.20	[0.008"]
.xx	±0.10	[0.004"]
ANGLES	±1°	

TITLE:

Single Directional Coupler,
100~500MHz
Coupling 50dB, 6000W
L52-Female & N-Female

PART No.:

TMDC-00100050-50L52N6KW



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DIMENSIONS IN MILLIMETERS(mm)

SIZE:
A4

SCALE:

SHEET:
1/1

REV:
A