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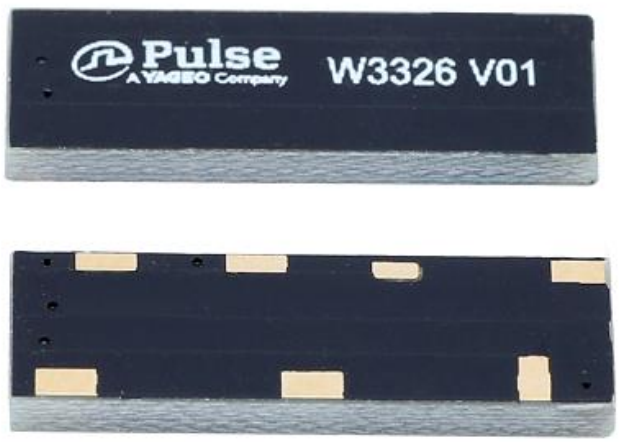
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TECHNICAL DATA SHEET

Description: 791-2170MHz SMT Antenna

Series: Domino

PART NUMBER: W3326



Features:

- Frequency:
  791-960/1710-2170MHz
- Size 20 x 7 x 1.5mm
- Gain 0.6 / 2.3dBi
- Efficiency >50/50%
- SMD compatible

Applications:

- Nb-IoT
- LTE Cat-M1
- High and low bands combo
- Sensors
- IoT connected devices

All dimensions are in mm / inches

Issue: 2337

RoHS COMPLIANT

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TECHNICAL DATA SHEET

Description: 791-2170MHz SMT Antenna

Series: Domino

PART NUMBER: W3326

ELECTRICAL SPECIFICATIONS

Antenna Type	PCB, SMD
Frequency	791-960MHz
	1710-2170MHz
Nominal Impedance	50 Ω
Return loss	5dB
Radiation Pattern	Omni
Peak Gain	0.6 / 2.3 dBi
Nominal Efficiency	50 / 50 %
Polarization	Vertical

MECHANICAL SPECIFICATIONS

Overall Length	20mm(L) * 7mm(W) * 1.5mm(T)
Weight	1.3g
Antenna Color / Material	Black / Composite
Assembly method	SMD / Reflow
Packing	Tape & Reel
Moisture Sensitivity Level	MSL3

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	-40~+85° C
Storage Temperature	-40~+85° C
RoHS Compliant	Yes

OTHER SPECIFICATIONS

(*) All RF parameters measured on Pulse reference test PCB

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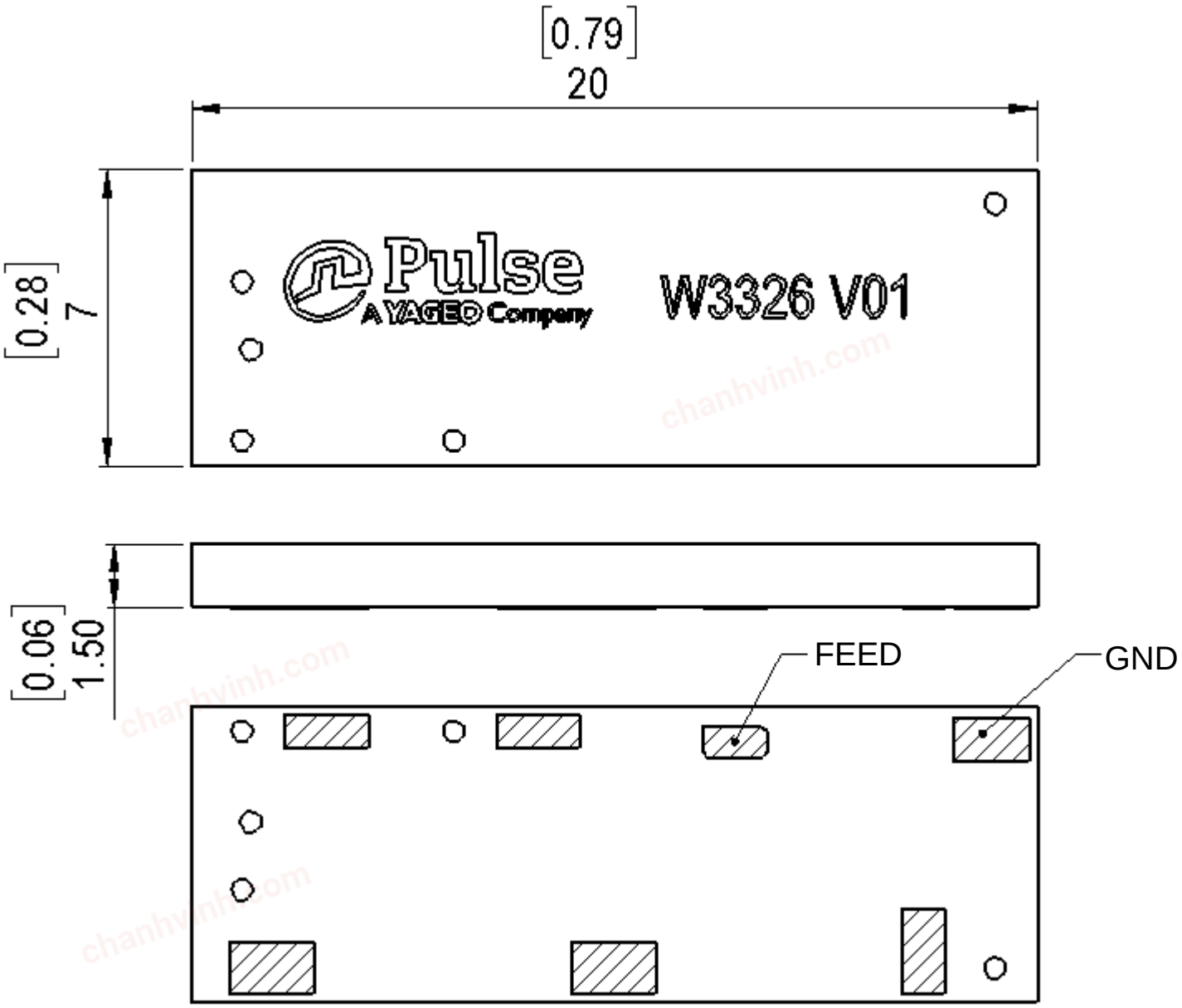
TECHNICAL DATA SHEET

Description: 791-2170MHz SMT Antenna

Series: Domino

PART NUMBER: W3326

MECHANICAL DRAWING AND TERMINAL CONFIGURATION



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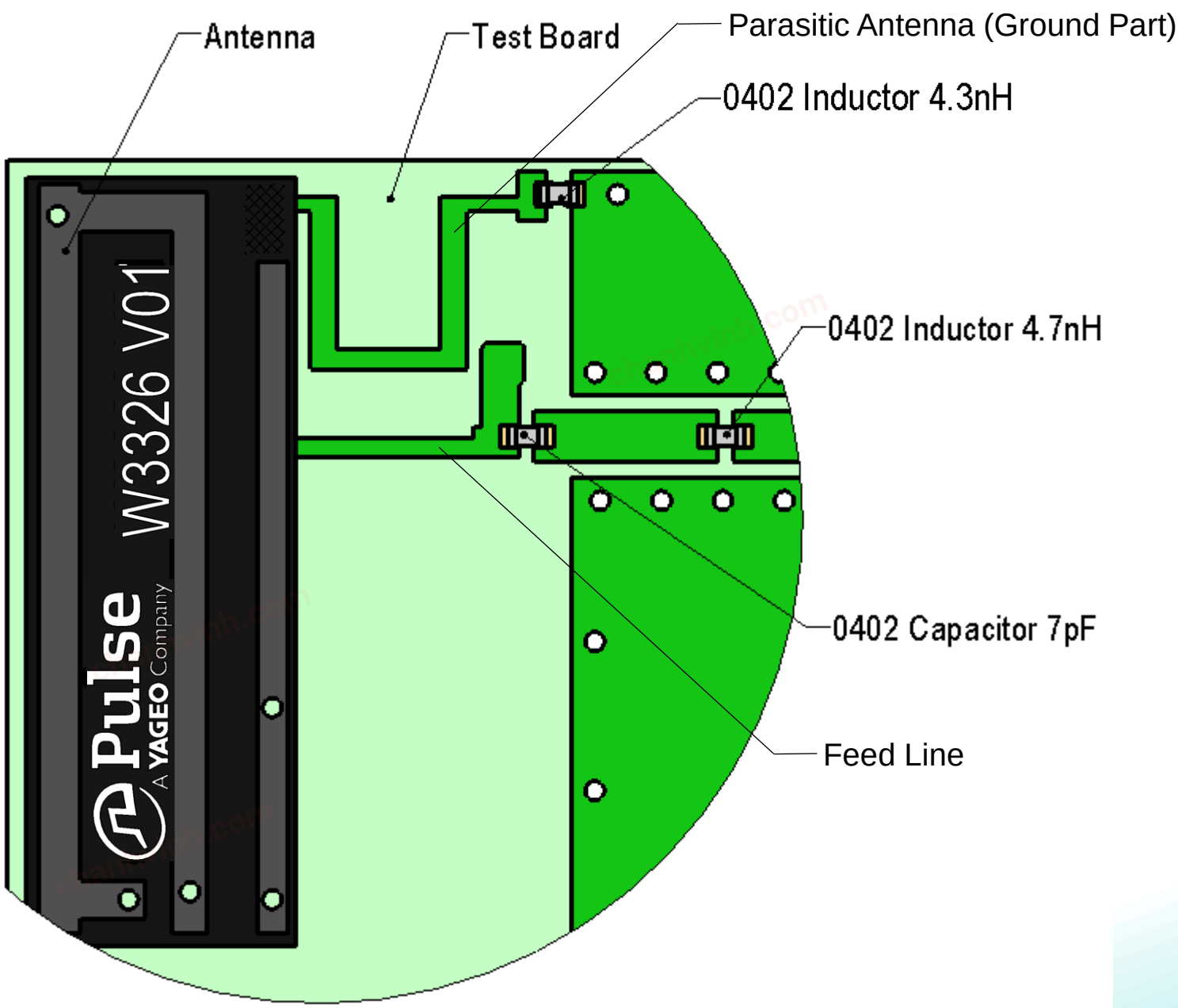
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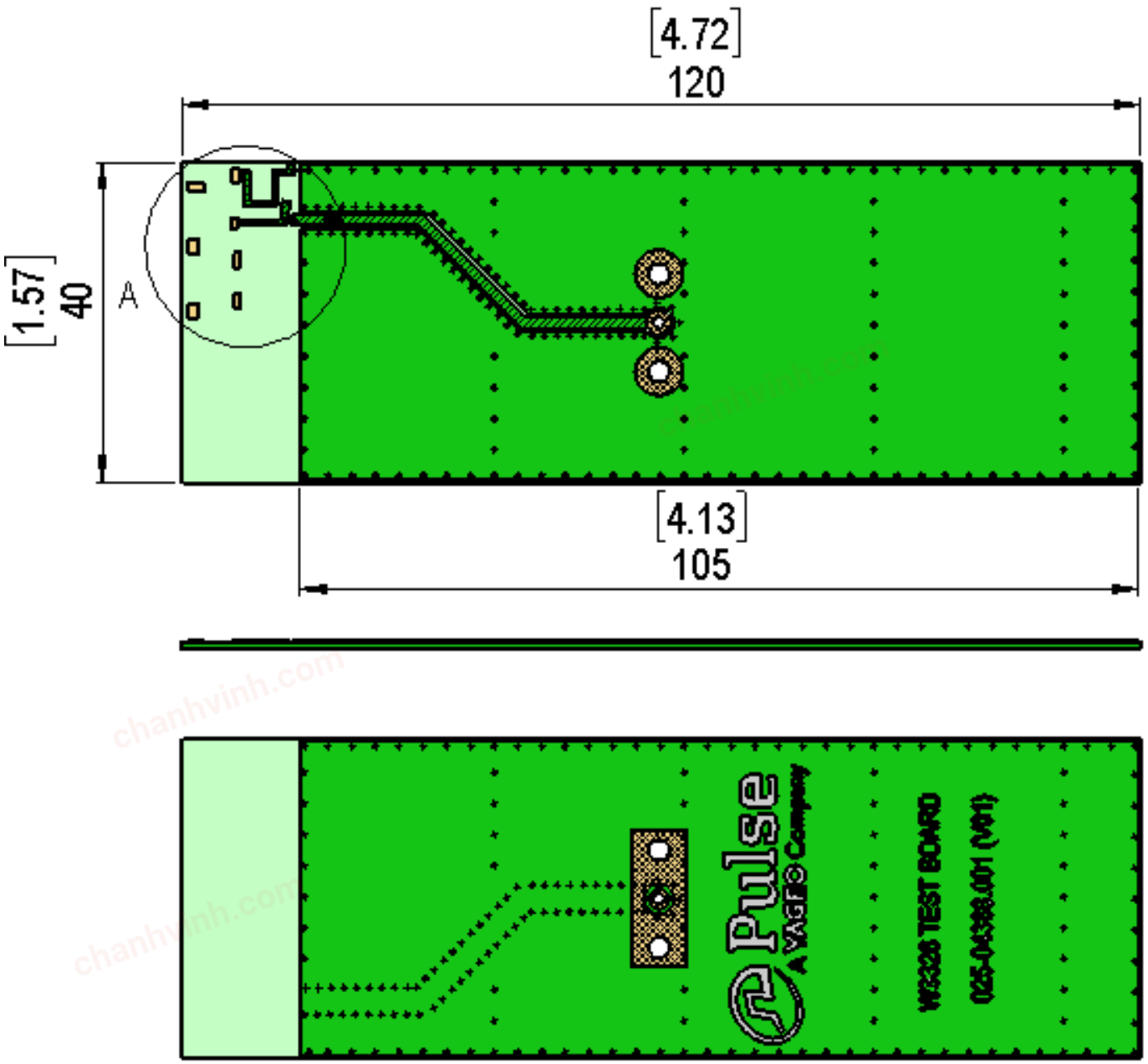
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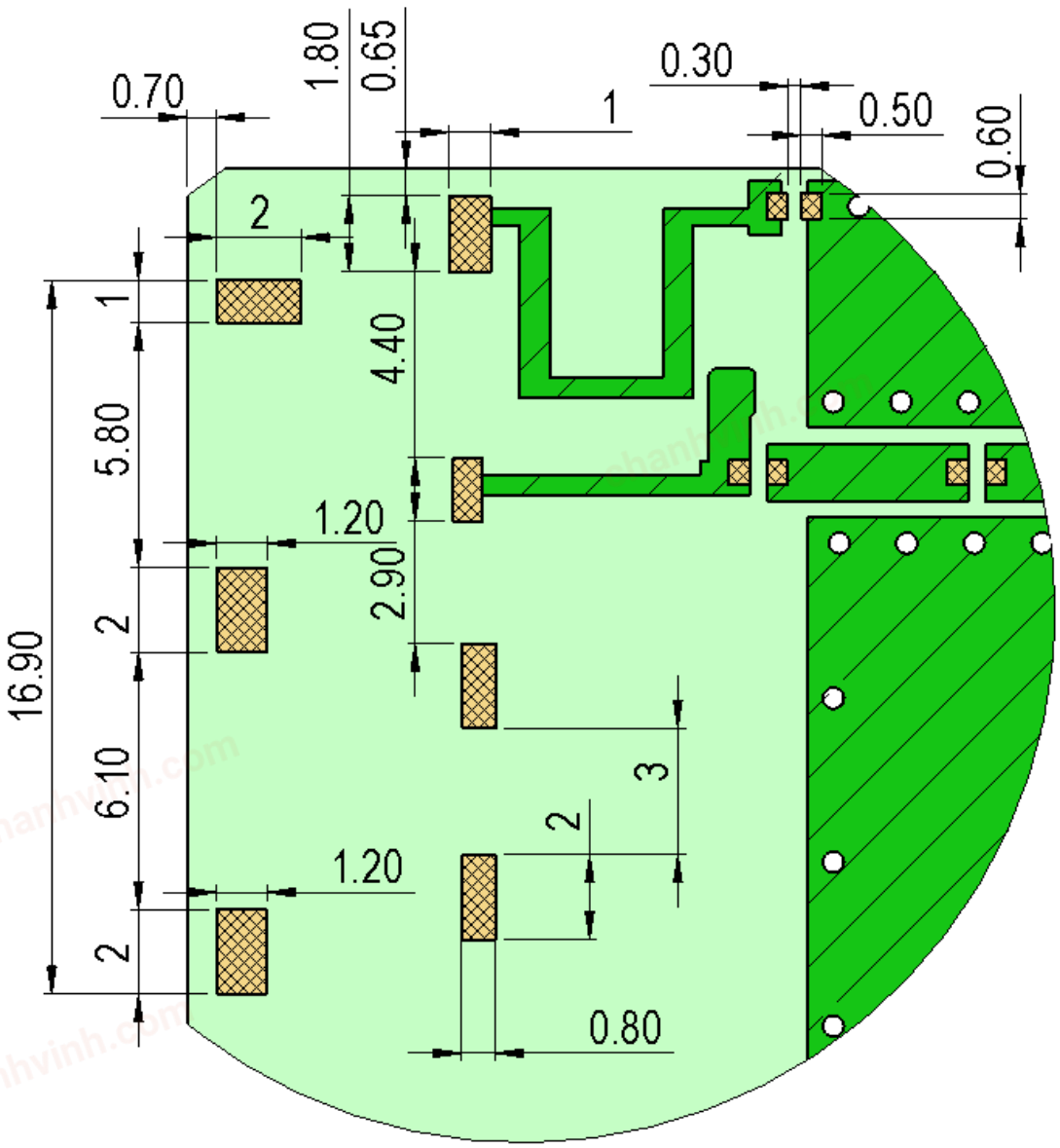
TECHNICAL DATA SHEET

Description: 791-2170MHz SMT Antenna

Series: Domino

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MECHANICAL DRAWING AND TERMINAL CONFIGURATION



Detail A

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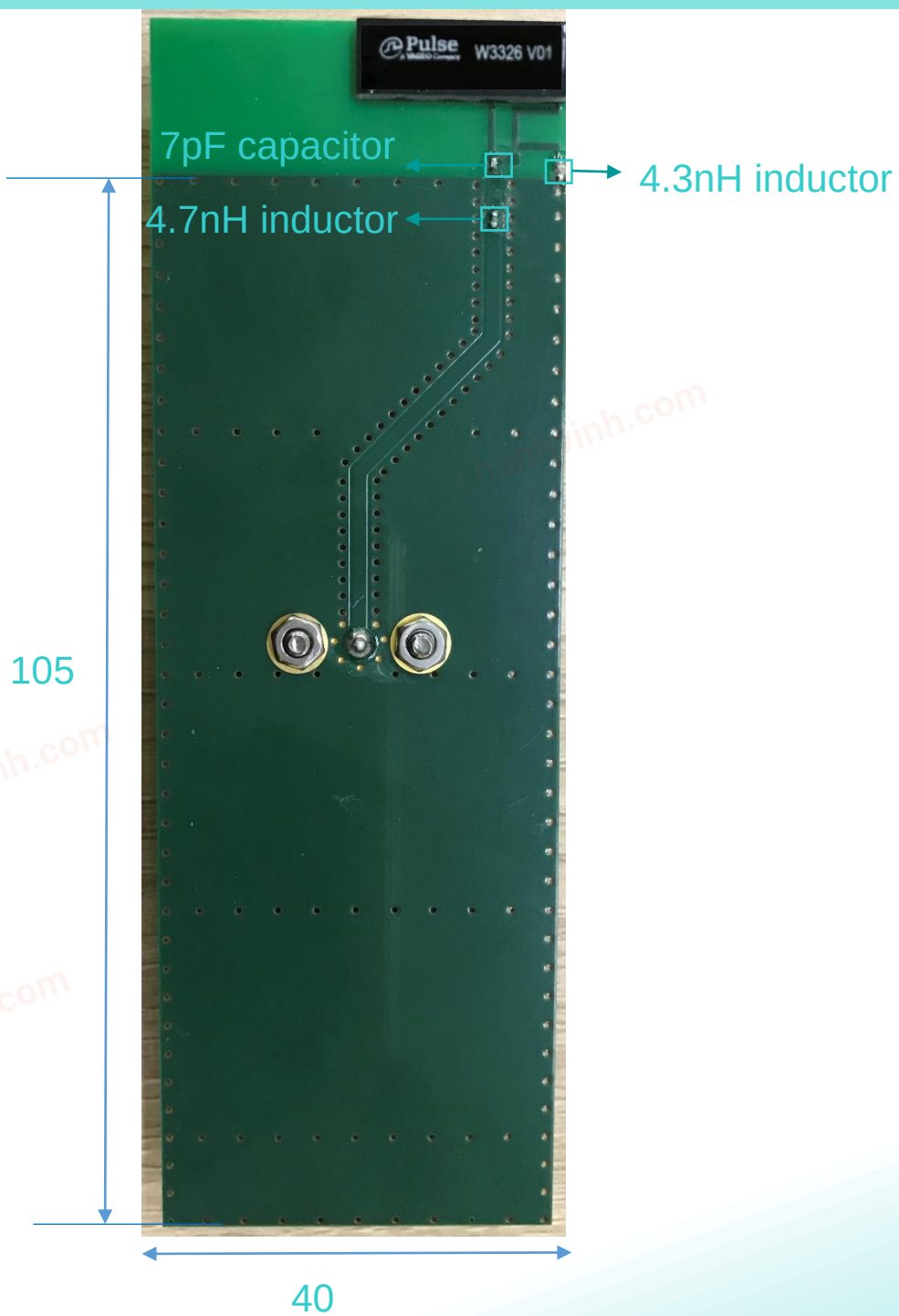
TECHNICAL DATA SHEET

Description: 791-2170MHz SMT Antenna

Series: Domino

PART NUMBER: W3326

TEST SETUP



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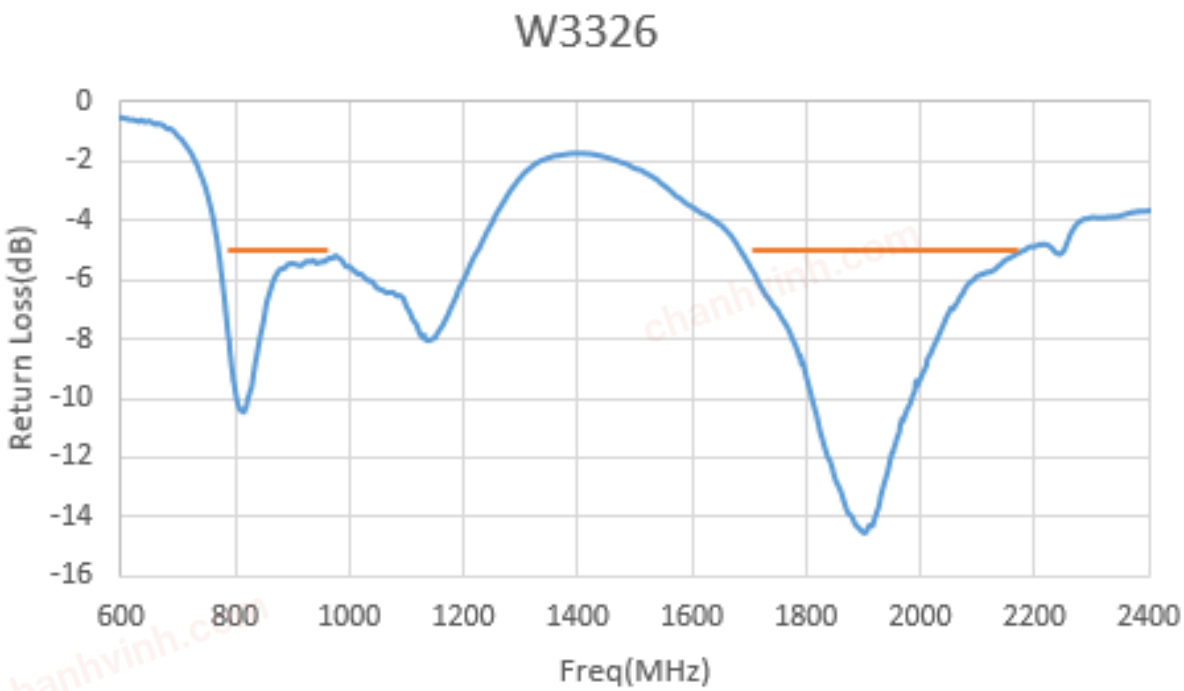
Description: 791-2170MHz SMT Antenna

Series: Domino

PART NUMBER: W3326

CHARTS

Return Loss



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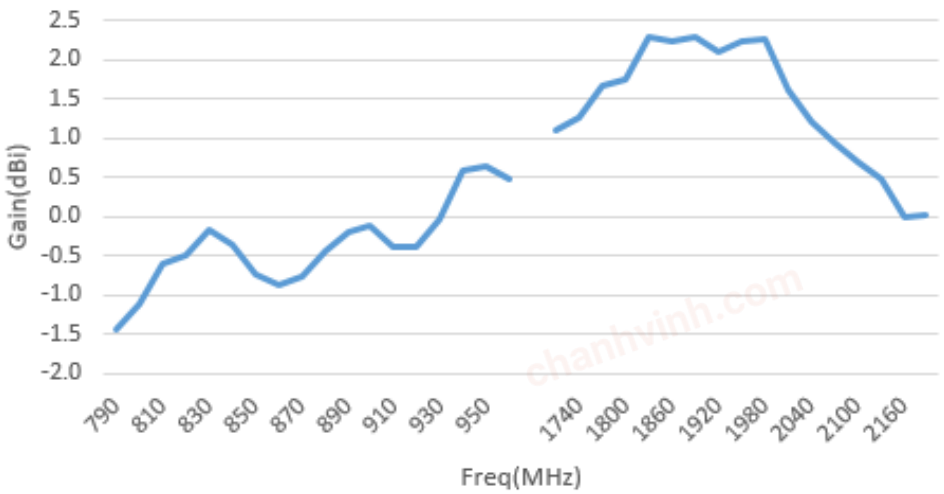
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Series: Domino

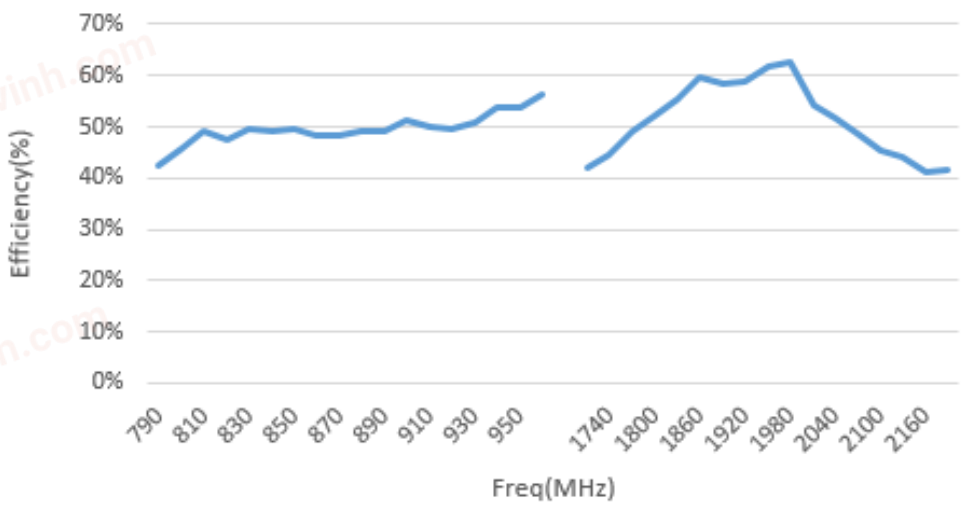
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CHARTS

Gain(dBi)



Efficiency(%)



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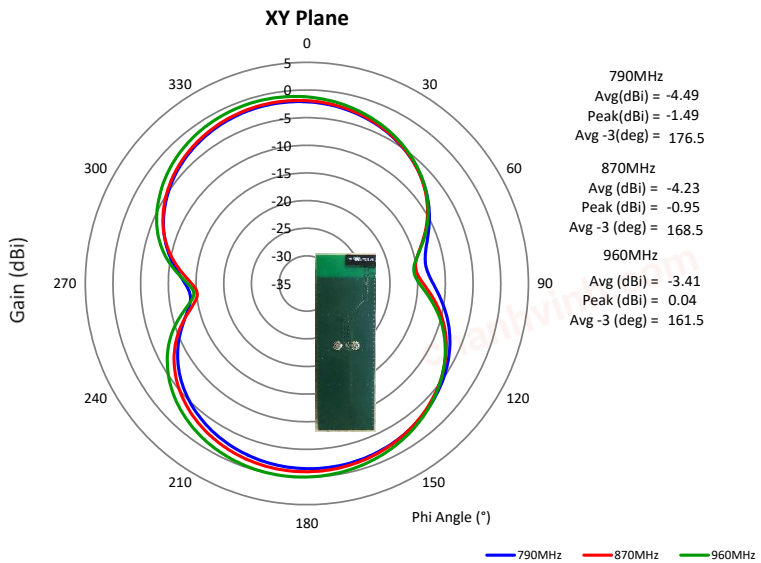
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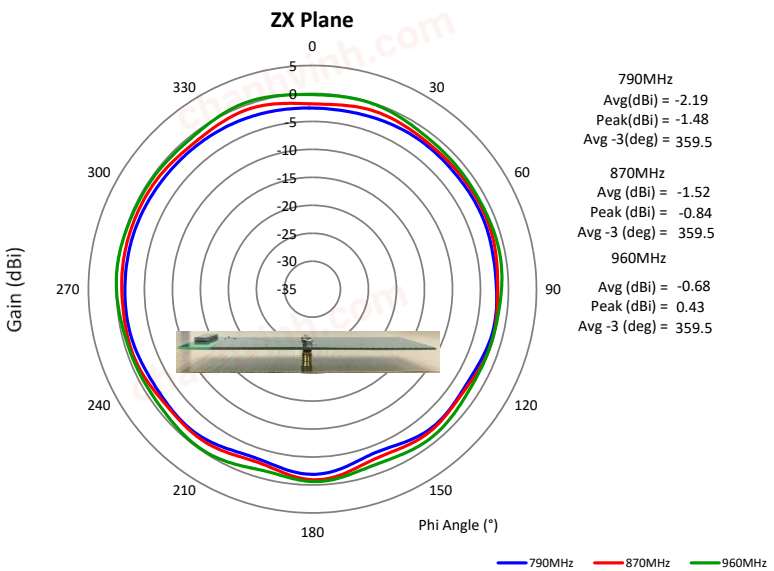
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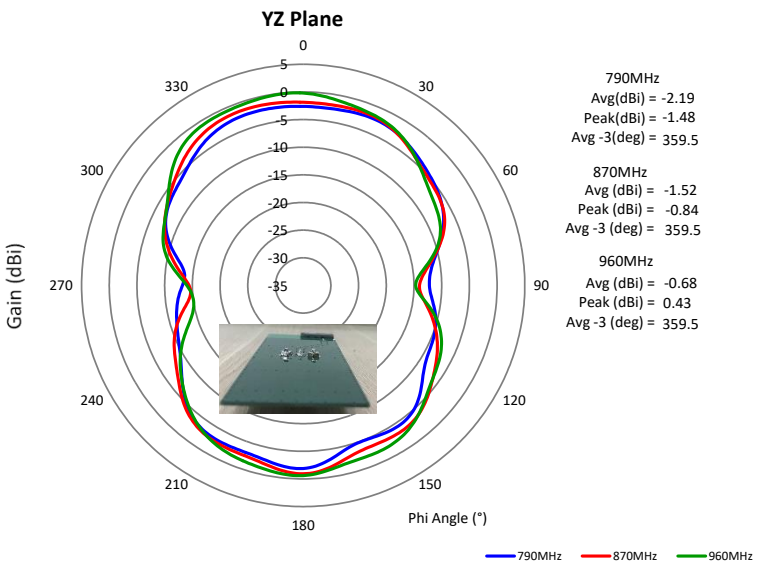
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CHARTS

Radiation Pattern 2D (791-960MHz)







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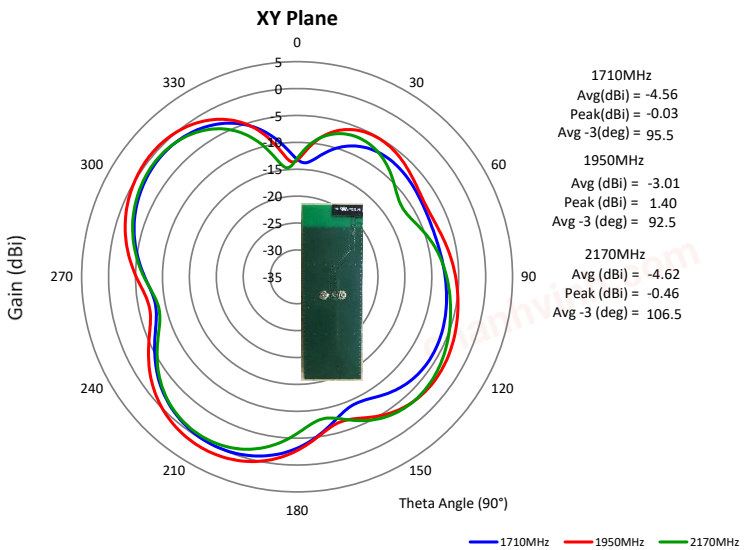
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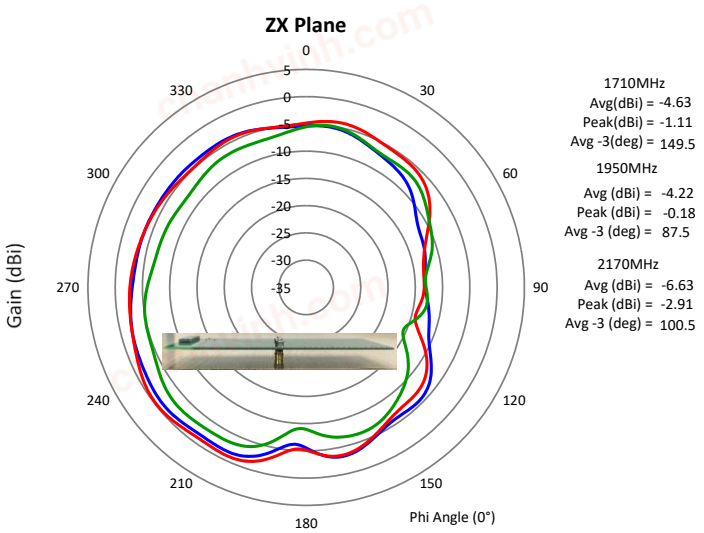
Series: Domino

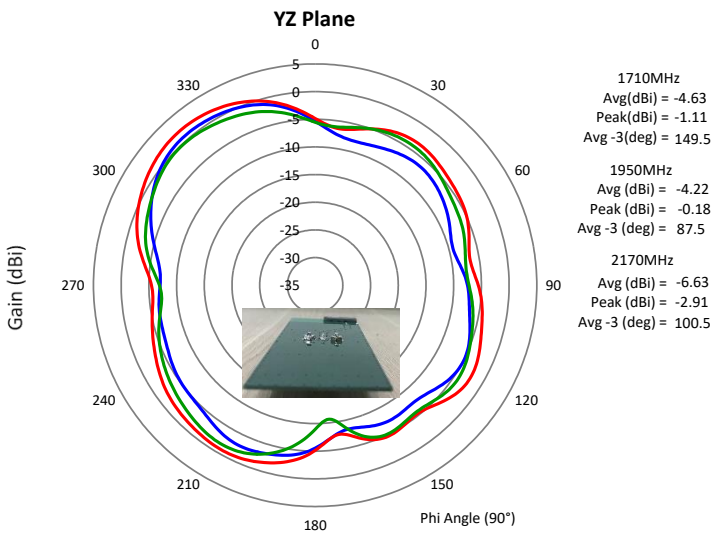
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CHARTS

Radiation Pattern 2D (1710-2170MHz)







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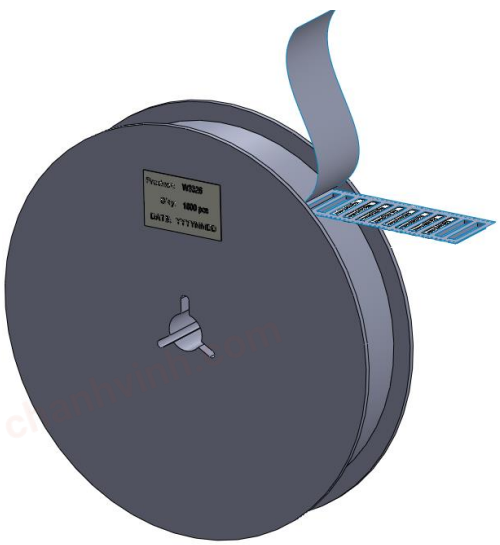
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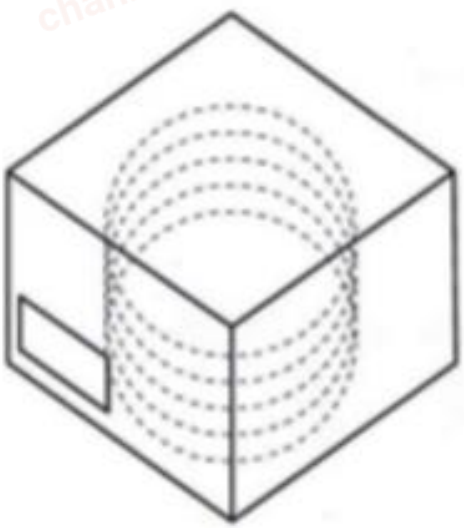
Series: Domino

PART NUMBER: W3326

PACKAGING

2500pcs Antennas Per 1pcs 13” Tape & Reel
1pc Reel per vacuum bag
2 pcs 13” reel with vacuum bag per carton box
Total 5000pcs Antennas per 1 box
Carton Box Dimension: 350x350x120 mm





According to MSL3 packing requirement, MBB-Moisture Barrel Bag, Desiccant, HIC-Humidity Indicator Card, MSID Label, Caution Label are required.

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