

From	Our Reference	Tel
BT-CO/ENG5.3	Tim Vriends	+31 40 257 7084

Eindhoven
22-10-2025
No. VST2025007

Report

Issue	DCNM-MMDOCK and DCNM-MMFF
Topic	NFC antenna
Description	Description of the PCB antenna used in MMxx for NFC communication

The Antenna used in the DCNM-MMDOCK and DCNM-MMFF is a PCB loop antenna with the following characteristics:

4 loops 40x40mm

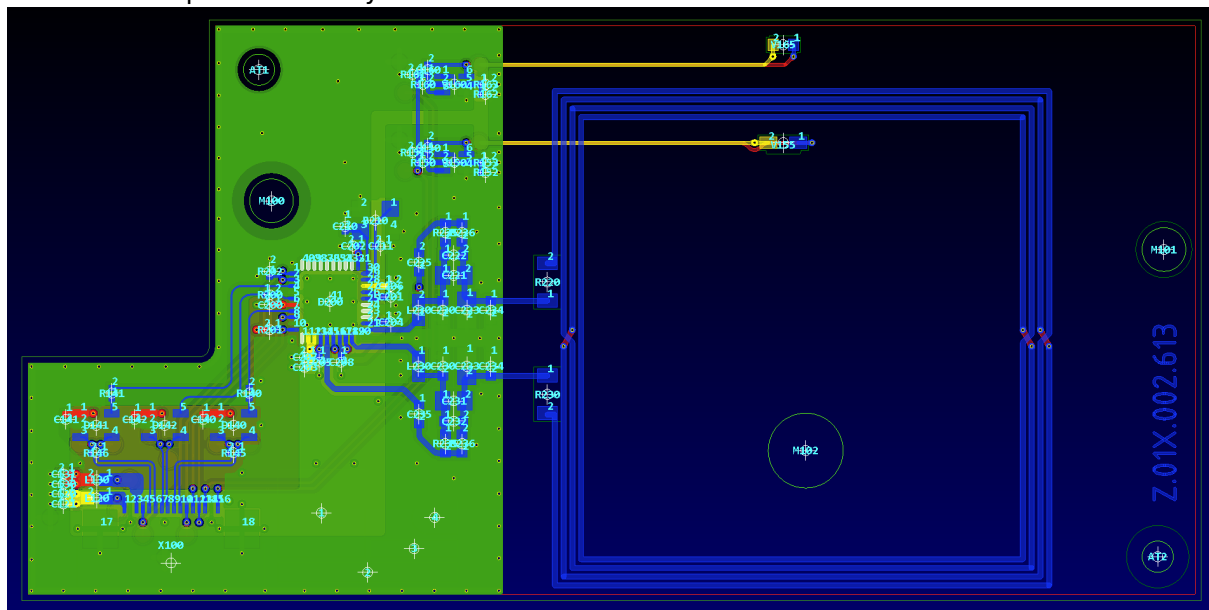
Tracewidth 0.4mm

Spacing 0.3mm

trace thickness 35um

pcb thickness: 1.6mm

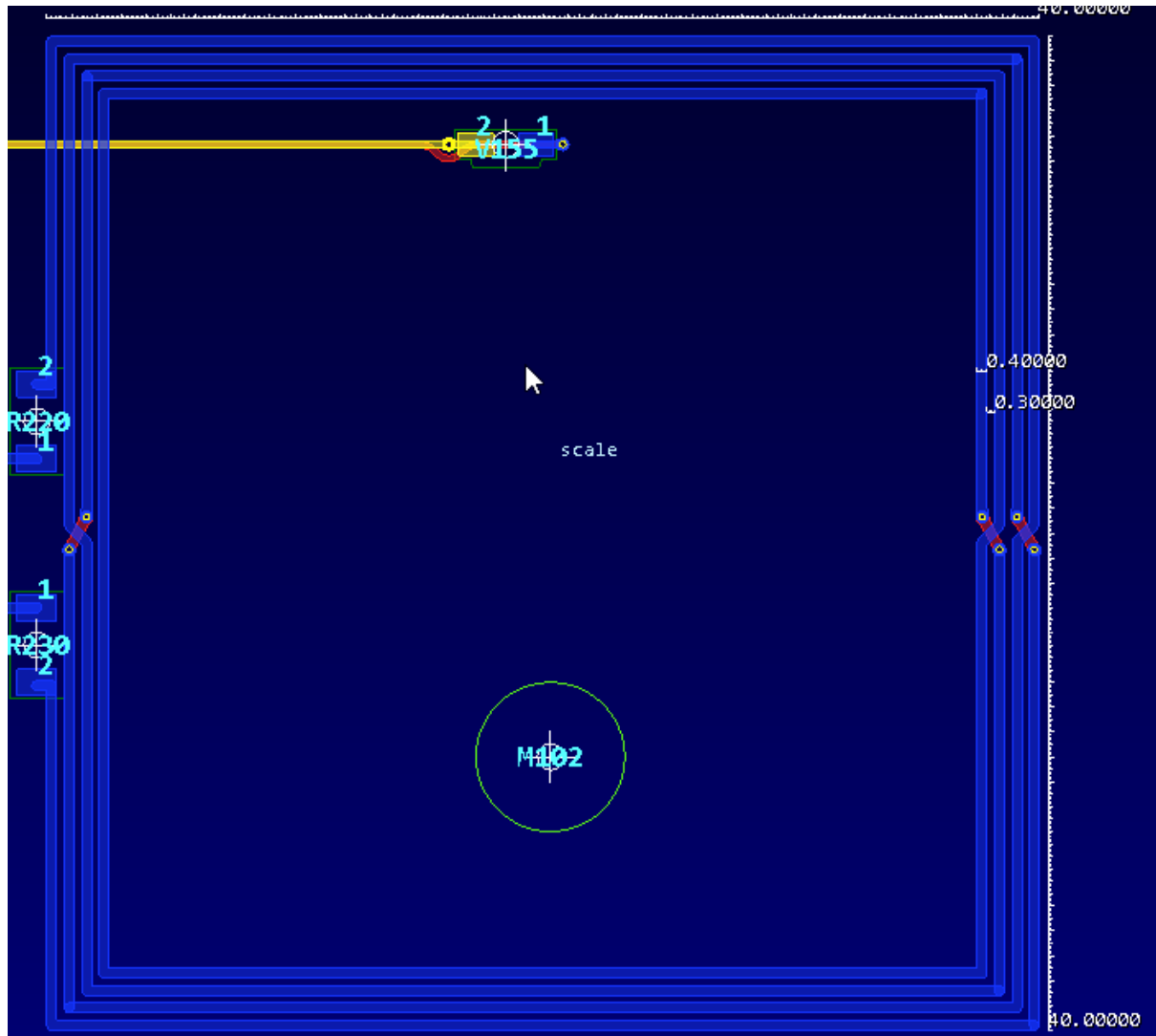
Below is a snapshot of the layout



blue/red are the outer layers of the pcb, yellow is internal.

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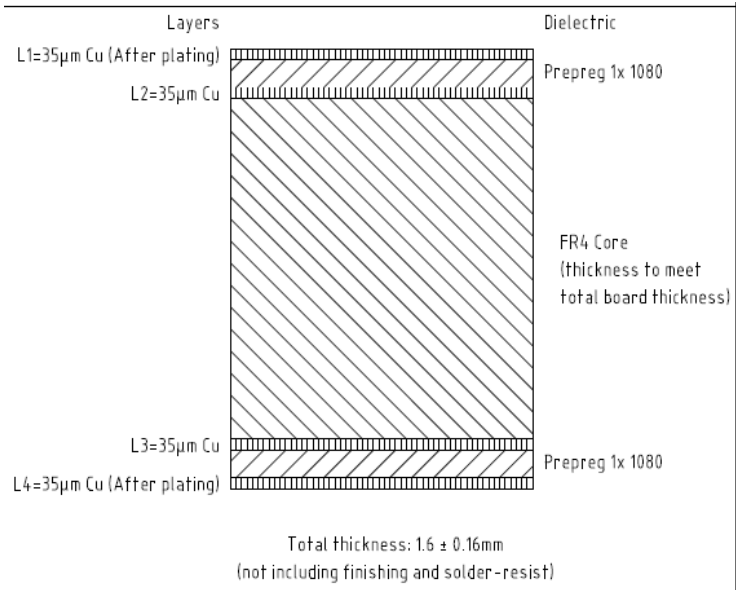
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PCB stackup

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