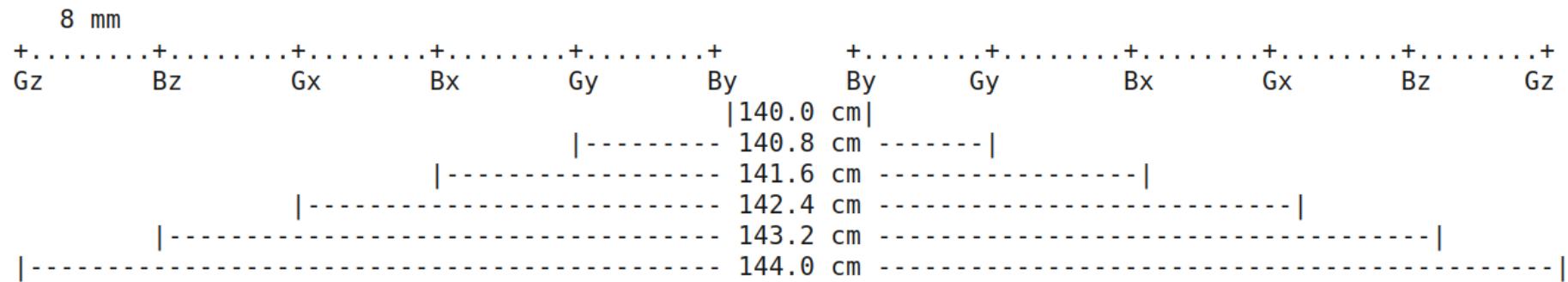


# Checklist for cMEG panels

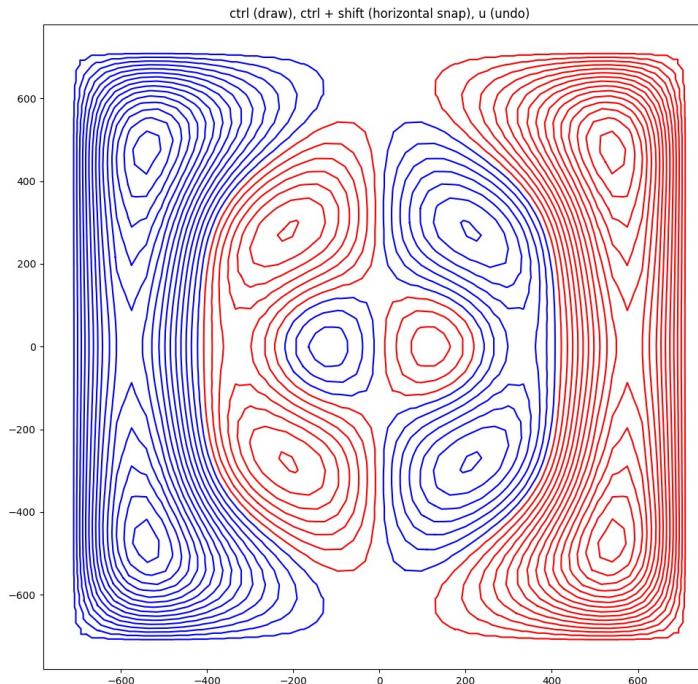
12/10/23

# Layout/Arrangement

each u-channel = 0.313 in = 7.9502 mm = w



# Bx coil



Bx

```
'efficiency (nT/mA)': 1.47
'resistance (ohm)': 10.67,
'length (m)': 217.13,
(coil sz: 1.417)
```

# Bx coil - checklist

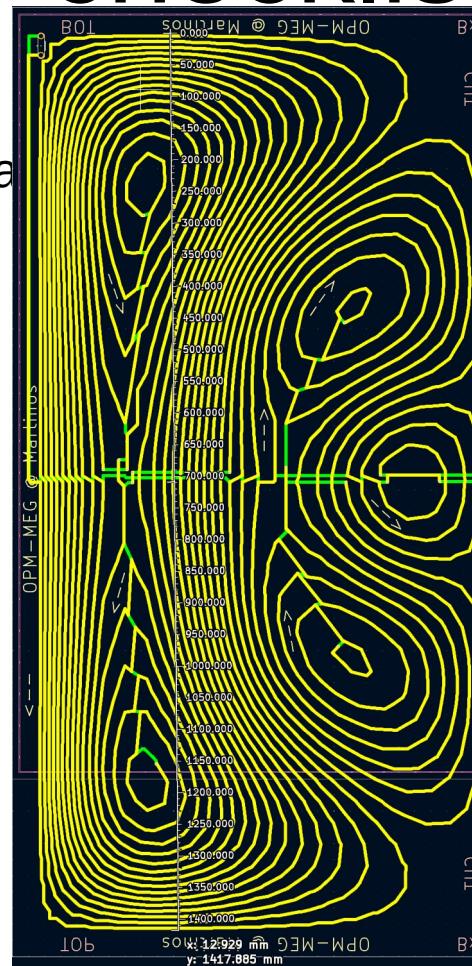
Power terminal @ (30,60) mm

DRC on both boards

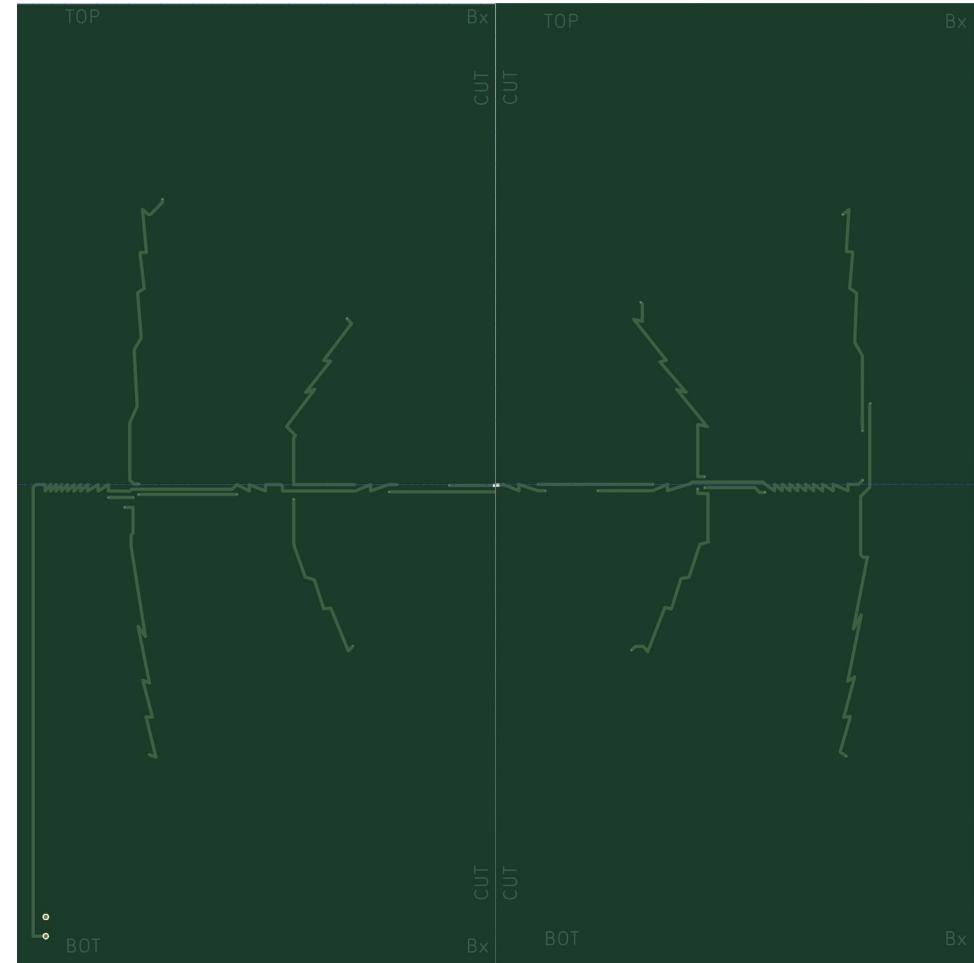
Solder pads match at the cut line between boards

Arrows ok

Dimensions: (approx) 141.7

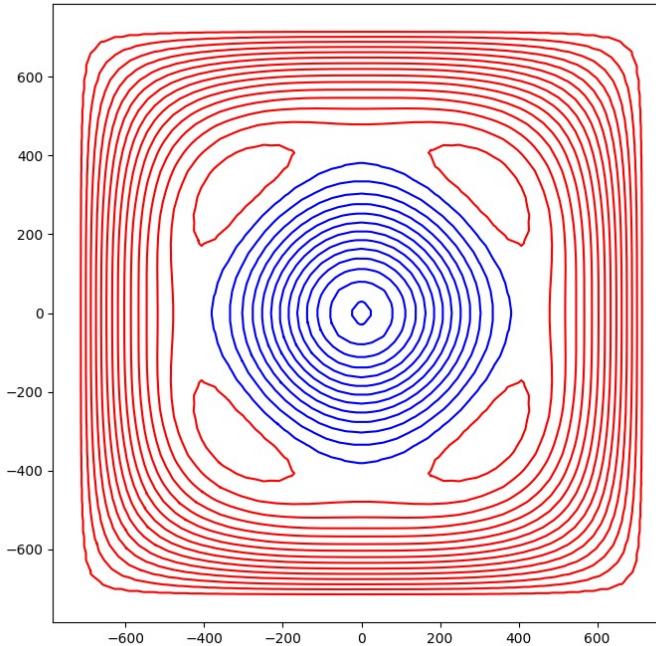


# Bx coil – front and back



# Bz coil

ctrl (draw), ctrl + shift (horizontal snap), u (undo)



Bz:

```
'efficiency (nT/mA)': 6.50,  
'resistance (ohm)': 8.04,  
'length (m)': 163.56,  
(coil sz: 1.43)|
```

# Bz coil - checklist

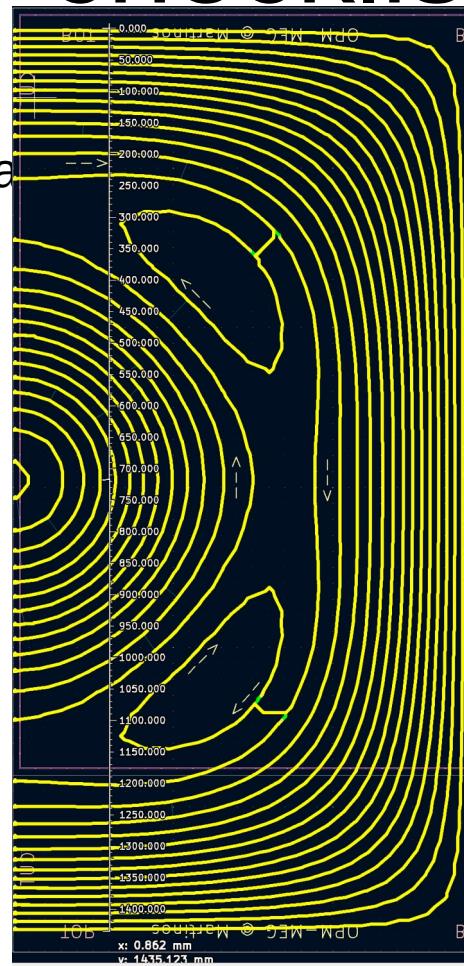
Power terminal @ (30,60) mm

DRC on both boards

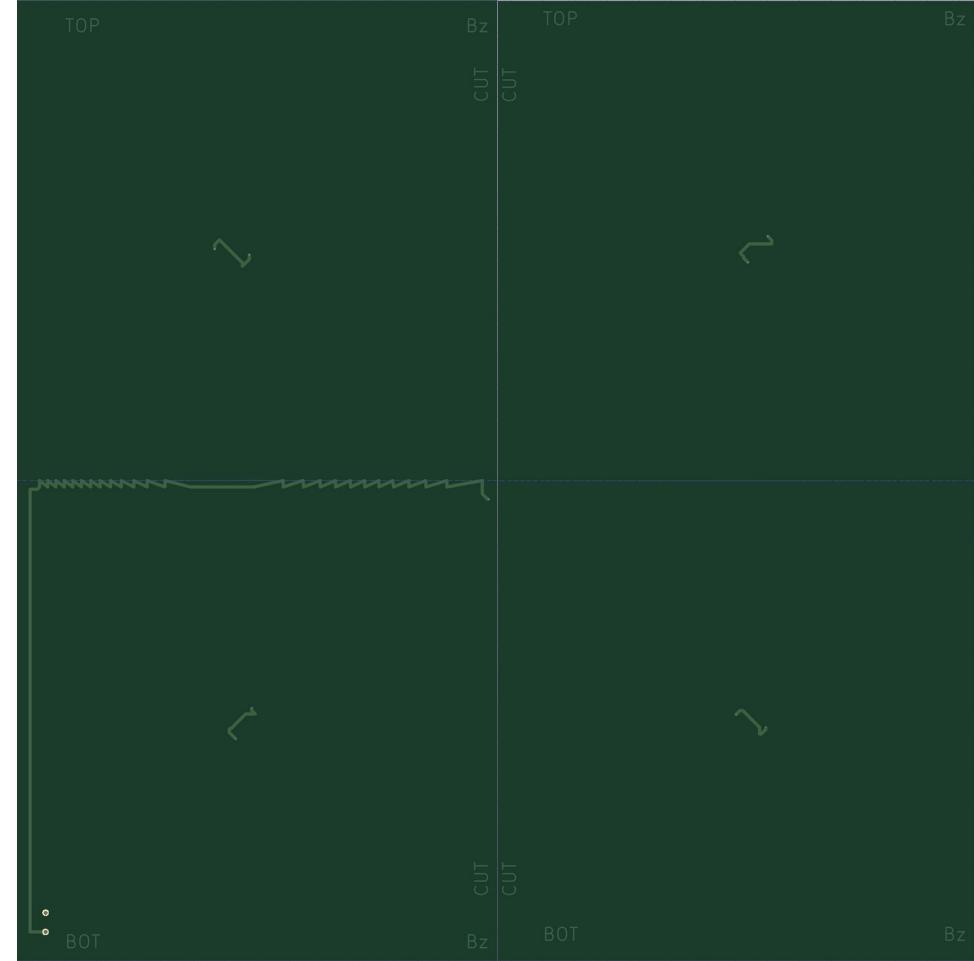
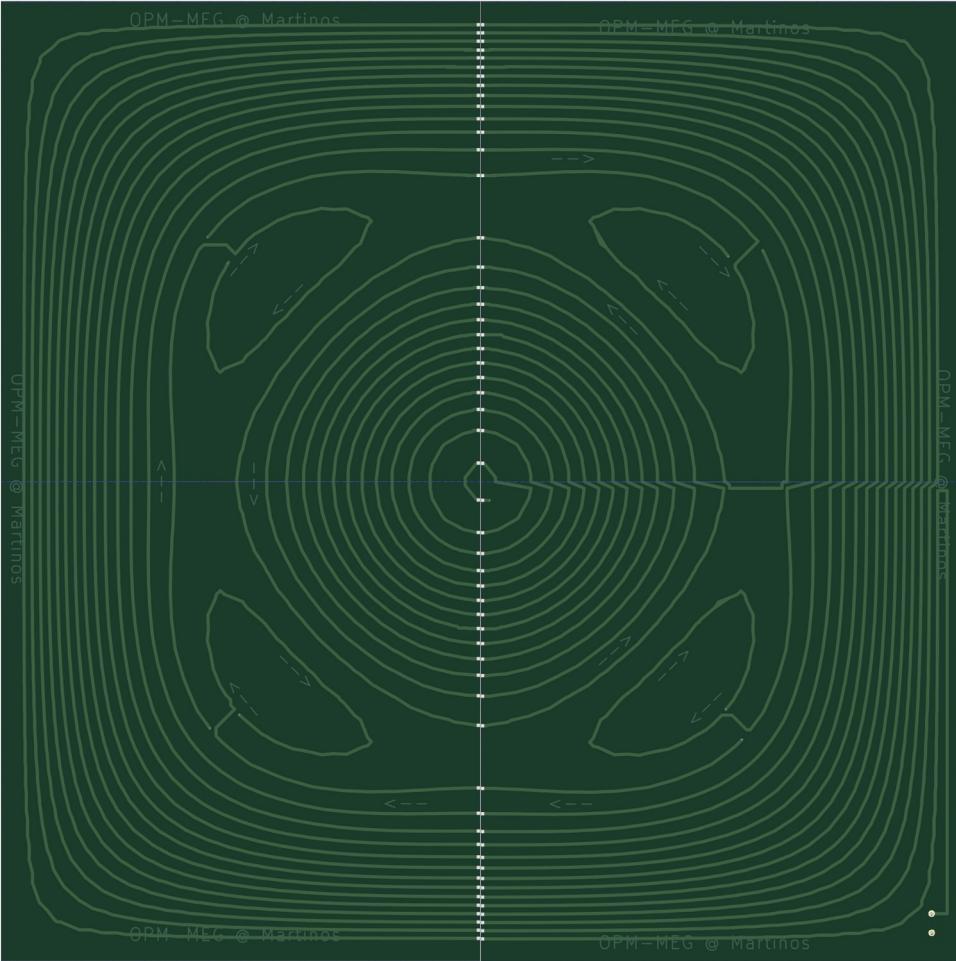
Solder pads match at the cut line between boards

Arrows ok

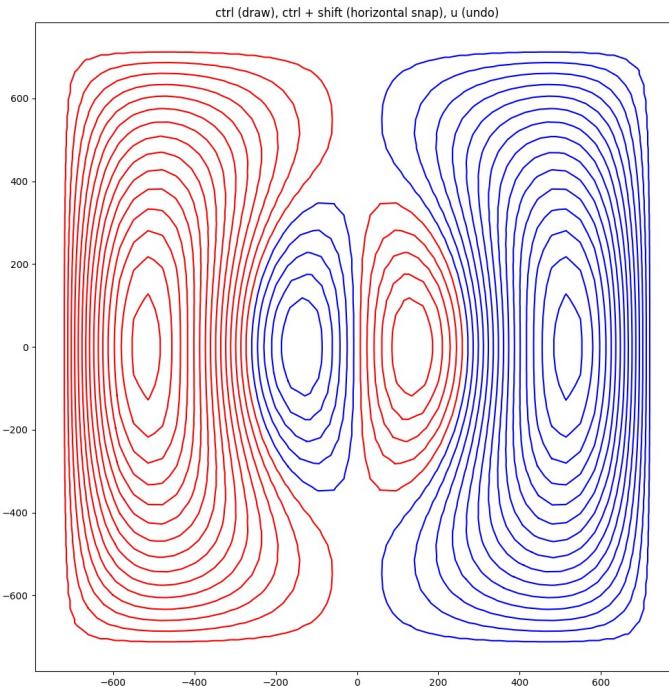
Dimensions: (approx) 143.5



# Bz coil – front and back



# Gx coil



Gx  
'efficiency (nT/mA)': 7.80,  
'resistance (ohm)': 7.70,  
'length (m)': 156.88,  
(coil sz: 1.424)

# Gx coil - checklist

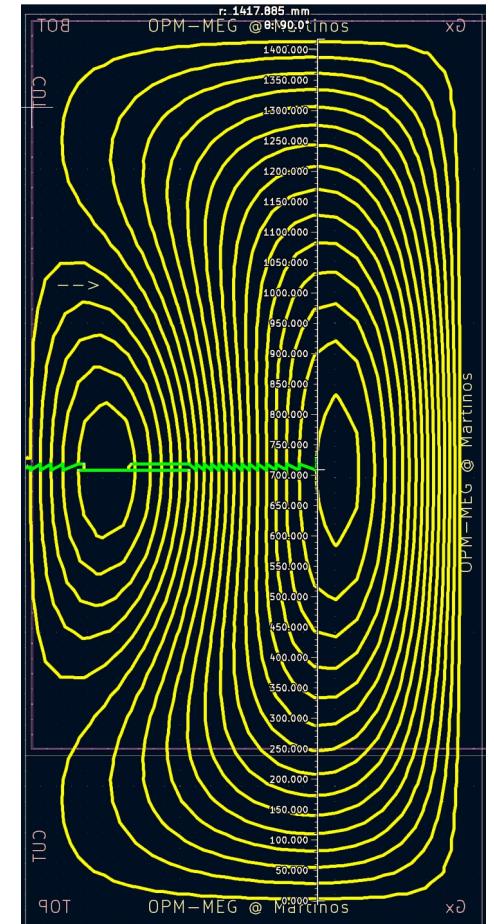
Power terminal @ (30,60) mm

DRC on both boards

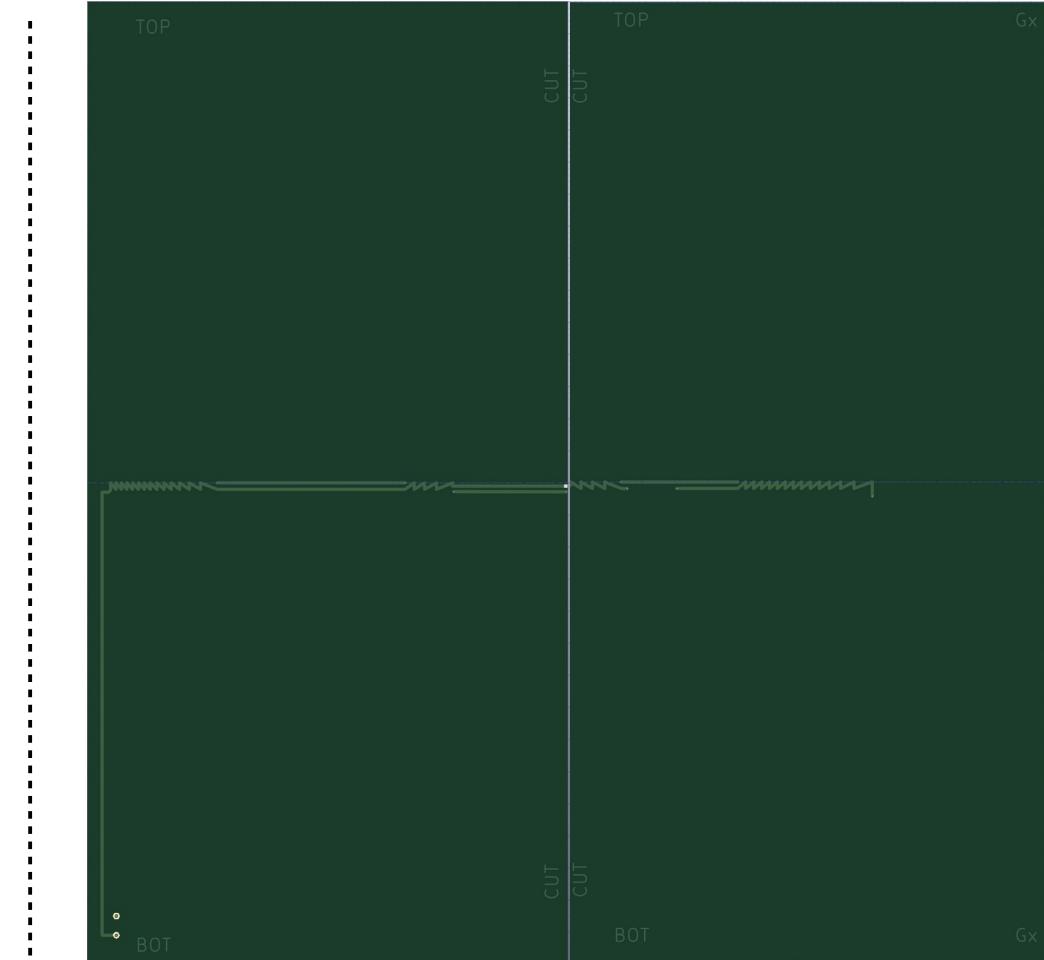
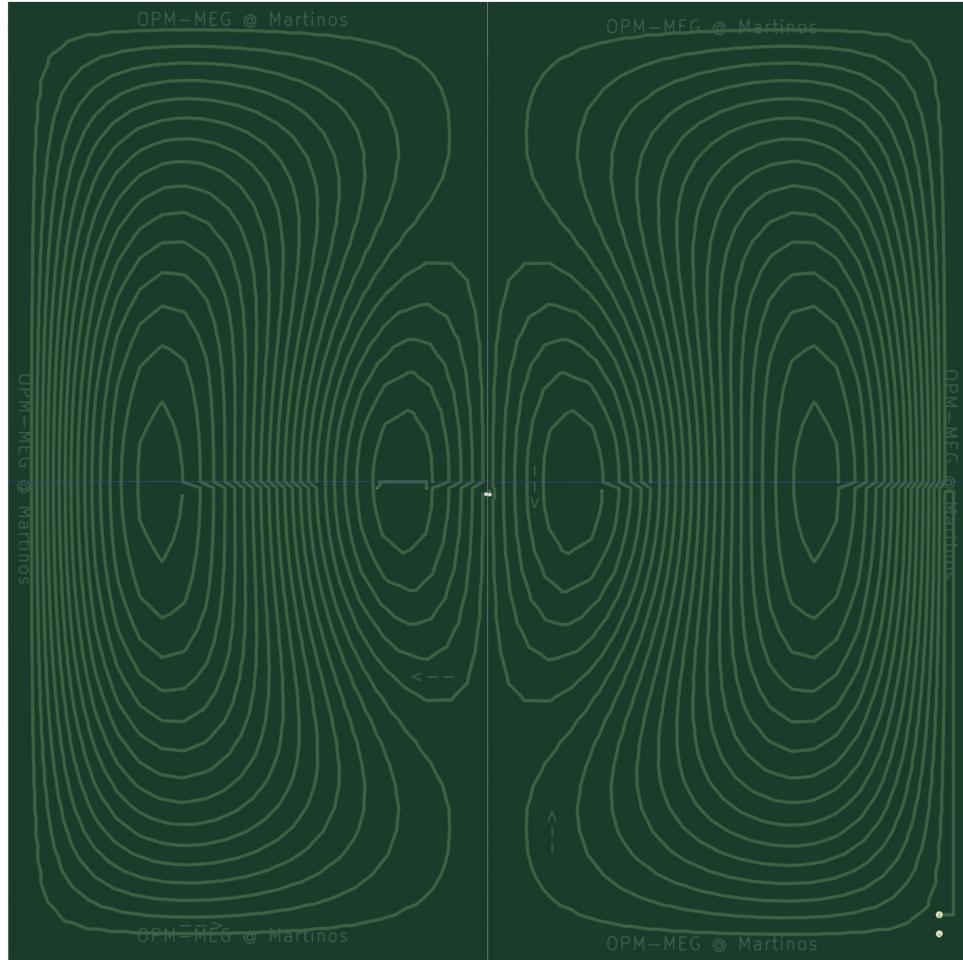
Solder pads match at the cut line between boards

Arrows ok

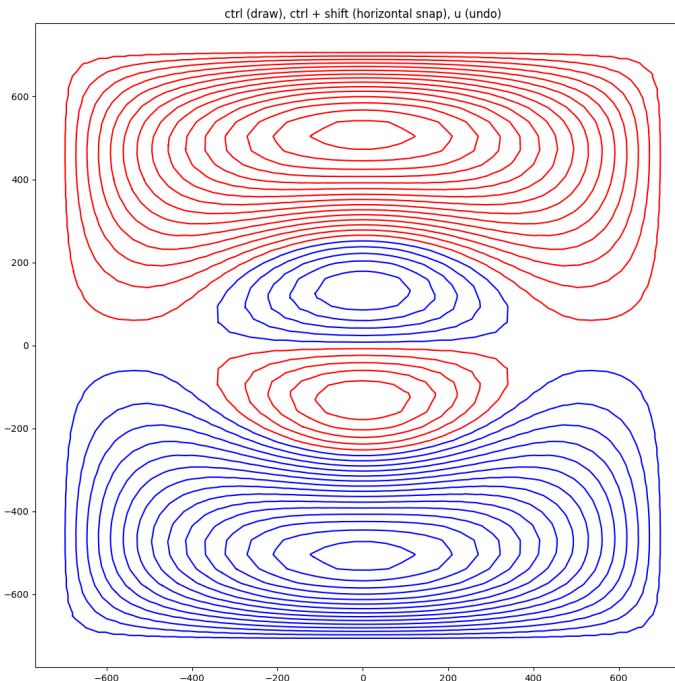
Dimensions: (approx) 142.4



# Gx coil – front and back



# Gy coil



Gy:

```
'efficiency (nT/mA)': 7.94,  
'resistance (ohm)': 7.62,  
'length (m)': 155.11,  
(coil sz: 1.408)
```

# Gy coil - checklist

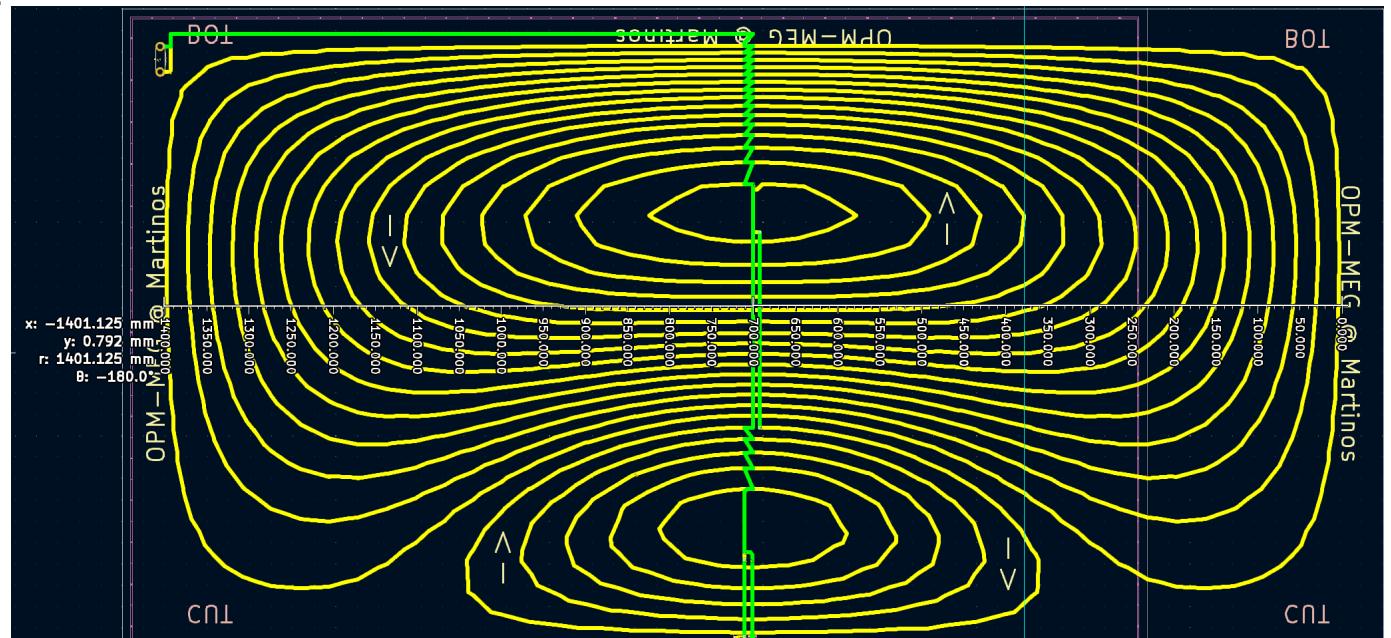
Power terminal @ (30,60) mm - ok

DRC on both boards - ok

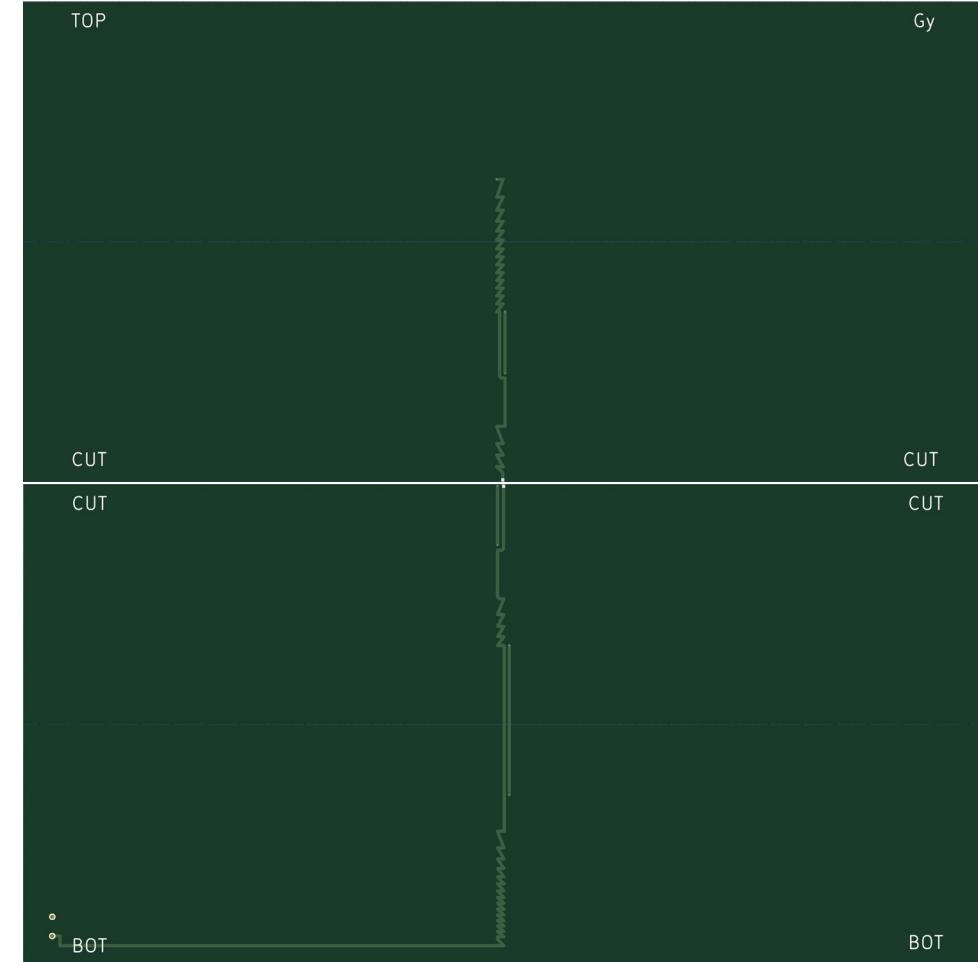
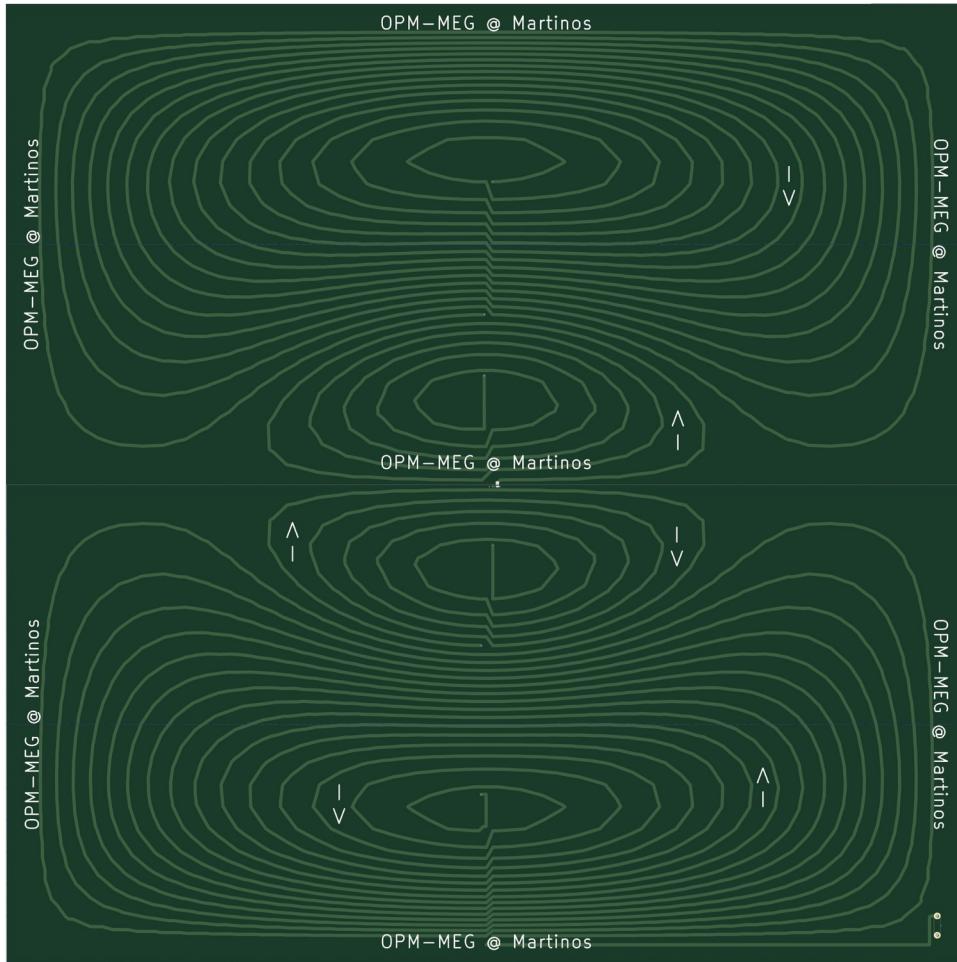
Solder pads match at the cut line between boards - ok

Arrows ok - ok

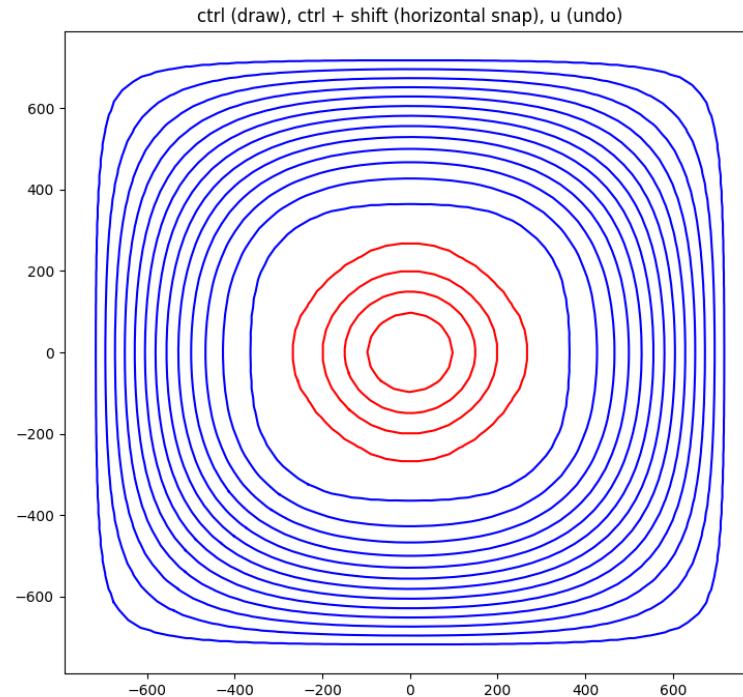
Dimensions: (approx) 140.1



# Gy coil – front and back



# Gz coil



Gz:  
'efficiency (nT/mA)': -15.73,  
'resistance (ohm)': 5.36,  
'length (m)': 109.13,  
(coil sz: 1.44)

# Gz coil - checklist

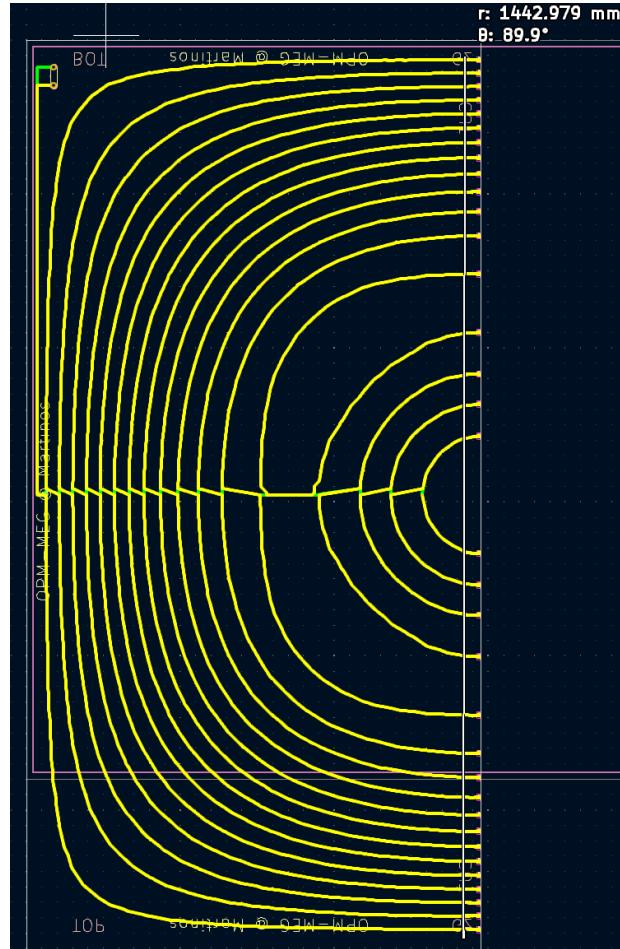
Power terminal @ (30,60) mm - ok

DRC on both boards

Solder pads match at the cut line between boards

Arrows ok

Dimensions: (approx) 144.2 - ok



# Gz coil – front and back

