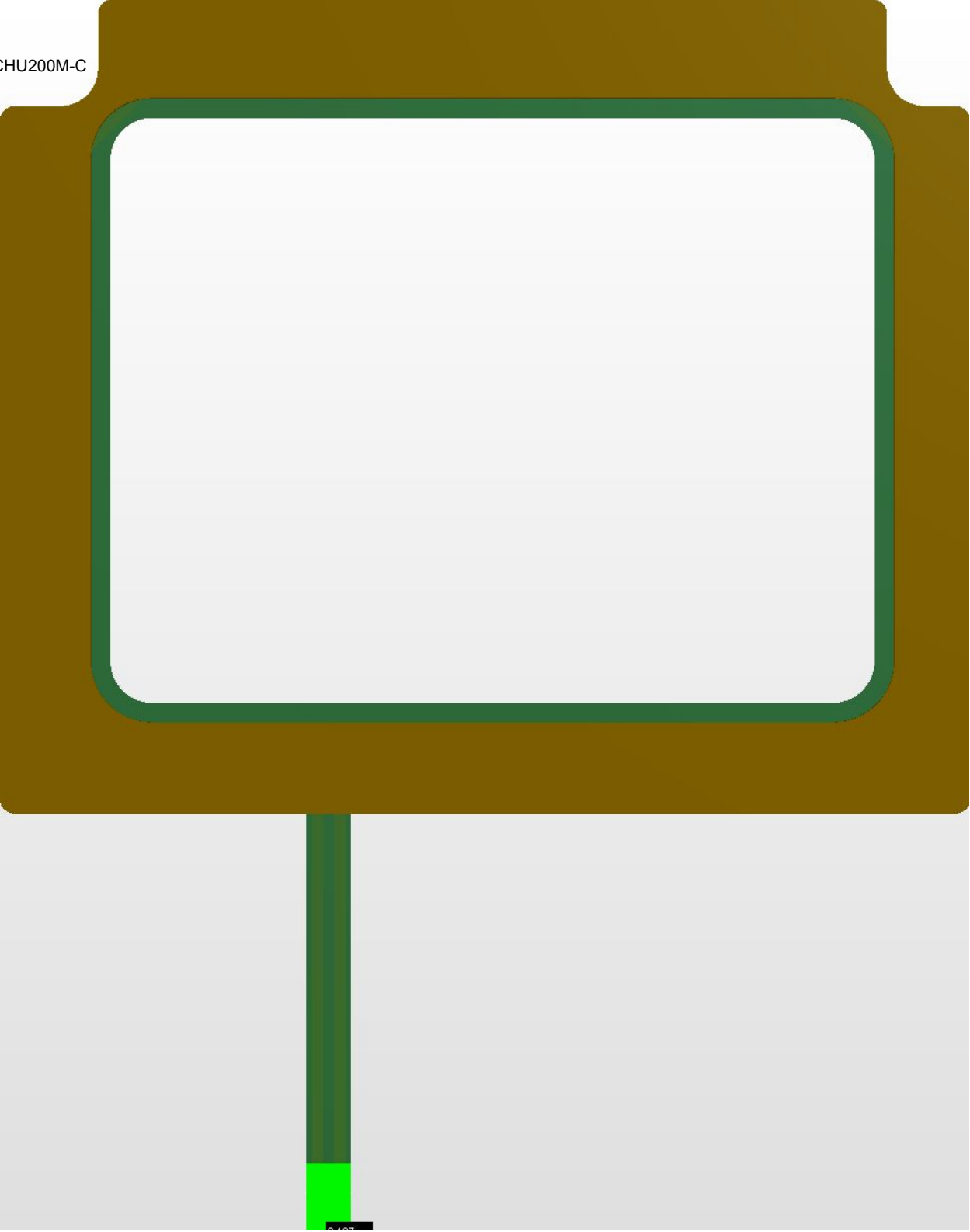
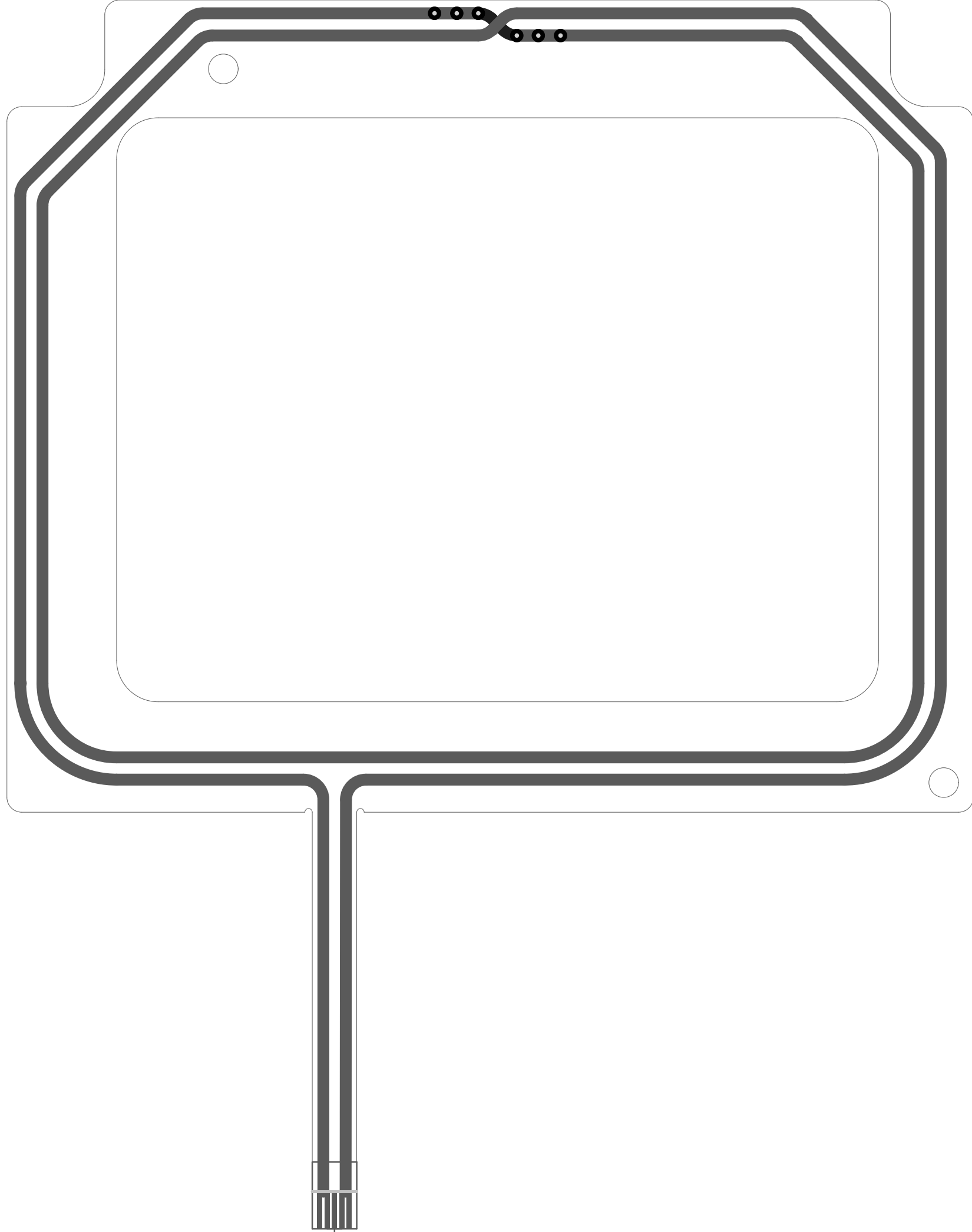






MINIMUM ARTWORK FEATURE SIZE

|                  |      |    |       |        |
|------------------|------|----|-------|--------|
| Track to track:  | 0.7  | mm | 0.028 | inches |
| Track to pad:    | 0.15 | mm | 0.006 | inches |
| Track width:     | 0.8  | mm | 0.031 | inches |
| Drill Hole Size: | 0.3  | mm | 0.012 | inches |

BOARD TYPE

- ☐ Single Layer, Flex  
☒ Double layer, Flex  
☐ Multi Layer,  
☐ HDI Multi Layer  
☐ Embedded PCB Resistor

VIA CONSTRUCTION

- ☐ Blind Vias  
☐ Buried Vias  
☐ HDI Micro Vias  
☐ Stacked HDI Micro Vias

GENERAL NOTES:

- Finished Board Thickness and Layer Stackup shown in View 'A'
- All gerber files are in RS274X Metric 4:4 format with embedded apertures.
- Board shall be fabricated as per IPC-6012B guidelines (unless otherwise stated).
- ~~Vias are to be epoxy filled and Tented (unless otherwise stated).~~
- All hole sizes described in this Document are Finished Hole Sizes (FHS).
- No silkscreen allowed on exposed lands or in holes.
- Finished boards shall not have nicks, scratches, voids, poor plating or mis-drilled holes
- The PCB is to be 100% Electrically Tested.
- No copper to be added or removed from the design, except that which is stated above.
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MATERIALS

PCB / Panel Size: 65.2x82.9mm  
PCBs Per Panel:  
Laminate : Polyimide Dielectric Er = 3.5

Thickness: 0.3mm +/- 10% After Plating  
Flammability : UL94-V0 at FPC Tail

PROFILE METHOD

- ☐ Routing, 2mm Rout Path  
☐ V-Score 30 Deg

ACCEPTABILITY

- ☐ IPC-3-300  
☒ IPC-A-600 Class 2  
☐ IPC-A-600 Class 3  
☒ UL Approval

SURFACE MOUNT

- ☐ Single Sided  
☐ Double Sided

COVER LAYER:

POLYIMIDE FILM 25um  
☒ Top Coverlay  
☒ Bottom Coverlay

SCREEN PRINT OVERLAYS:

- ☐ Top Overlay (White)  
☒ Bottom Overlay (White)

TRACK FINISH:

- ☐ Hot air levelled  
☒ Immersion Gold over Nickel (1u")  
☐ OSP (Organic Solder Preservatives)  
☐ Silver Immersion (6-20u")  
☐ Hard Gold

COPPER TYPE:

- ☒ Rolled-annealed (RA)  
☐ Half Hard Electro-deposited (ED)

| PRODUCTION FILE LIST            |                                                              |      |
|---------------------------------|--------------------------------------------------------------|------|
|                                 | DESCRIPTION                                                  | FILE |
| ⇕<br>⇄ LAMINATION SEQUENCE<br>⇕ | <input checked="" type="checkbox"/> TOP FR4 Stiffener        | GM9  |
|                                 | <input checked="" type="checkbox"/> TOP PI Stiffener         | GM10 |
|                                 | <input checked="" type="checkbox"/> TOP FLEX COPPER LAYER    | GTL  |
|                                 | <input checked="" type="checkbox"/> BOTTOM FLEX COPPER LAYER | GBL  |
|                                 | <input checked="" type="checkbox"/> BOTTOM COVERLAY OPENING  | GBS  |
|                                 | <input checked="" type="checkbox"/> BOTTOM OVERLAY           | GB0  |
|                                 | <input type="checkbox"/>                                     |      |
|                                 | <input type="checkbox"/>                                     |      |
|                                 | <input type="checkbox"/>                                     |      |
|                                 | <input type="checkbox"/>                                     |      |
|                                 | <input type="checkbox"/>                                     |      |
|                                 | <input type="checkbox"/>                                     |      |
|                                 | <input type="checkbox"/>                                     |      |
|                                 | <input type="checkbox"/>                                     |      |
|                                 | <input checked="" type="checkbox"/> BOARD OUTLINE            | GM1  |
|                                 | <input type="checkbox"/> ROUTE OUTLINE                       | GM2  |
|                                 | <input type="checkbox"/> V-SCORE OUTLINE                     | GM3  |
|                                 | <input type="checkbox"/> PASTE SHIM OUTLINE                  | GM14 |
|                                 | <input type="checkbox"/> TOP PASTE MASK                      | GTP  |
|                                 | <input type="checkbox"/> BOTTOM PASTE MASK                   | GBP  |
|                                 | <input checked="" type="checkbox"/> APERTURE FILE            | APR  |
|                                 | <input checked="" type="checkbox"/> DRILL DRAWING            | GDx  |
|                                 | <input checked="" type="checkbox"/> DRILL GUIDE              | GGx  |
|                                 | <input checked="" type="checkbox"/> NC DRILL - TOOL FILE     | DRL  |
|                                 | <input checked="" type="checkbox"/> NC DRILL - TEXT FILE     | TXx  |
|                                 | <input checked="" type="checkbox"/> NC DRILL - BINARY FILE   | DRx  |

VIEW 'A' : LAMINATION STACK-UP STRUCTURE

Layer :

Thickness :

0.30mm

FR4 Stiffener (GM9)

PI Stiffener (GM10)

Top Coverlay

Double-Sided Base Lay

Bottom Coverlay

Bottom Overlay (White)

0.5mm

PI + AD

25um PI + AD

1oz RA Cu + 25um PI + 1oz RA Cu

25um PI + AD

NOTES:

1. Finished PCB thickness tolerance +/- 10%

2. Finished PCB board outline tolerance +/- 0.1mm

CONTROLLED IMPEDENCE

None

DRILL TABLE

| Symbol | Count   | Hole Size          | Plated | Hole Type |
|--------|---------|--------------------|--------|-----------|
| Ø      | 6       | 11.81mil (0.300mm) | PTH    | Round     |
|        | 6 Total |                    |        |           |