00A-120, Multiplex Switch, 0805 Components

|  |  |
| --- | --- |
| **PART NUMBER** | 00A-120 |
| **GROUP NAME** | Probing and Prototyping (00A) |
| **CIRCUIT NAME** | Manual Switch, 1P4T |
| **VARIANT DESCRIPTION** | UL1213 Style Wire, 24 AWG, PTFE |
| **BOARD DESIGN** | PCB50 |
| **PRODUCT DESCRIPTION** | Panel of 00A-120 miniPCBs, v-scored (1 Panel = 4 Pieces) |

# Circuit Description

This board contains one (1) rotary switch with a single pole and four positions, four (4) surface mount (0805) components, and two (2) hookup wire points. This board enables reliable signal paths between developmental test setups and select 0805 components.

# Panel Board

|  |  |
| --- | --- |
|  |  |
| TOP VIEW | BOTTOM VIEW |

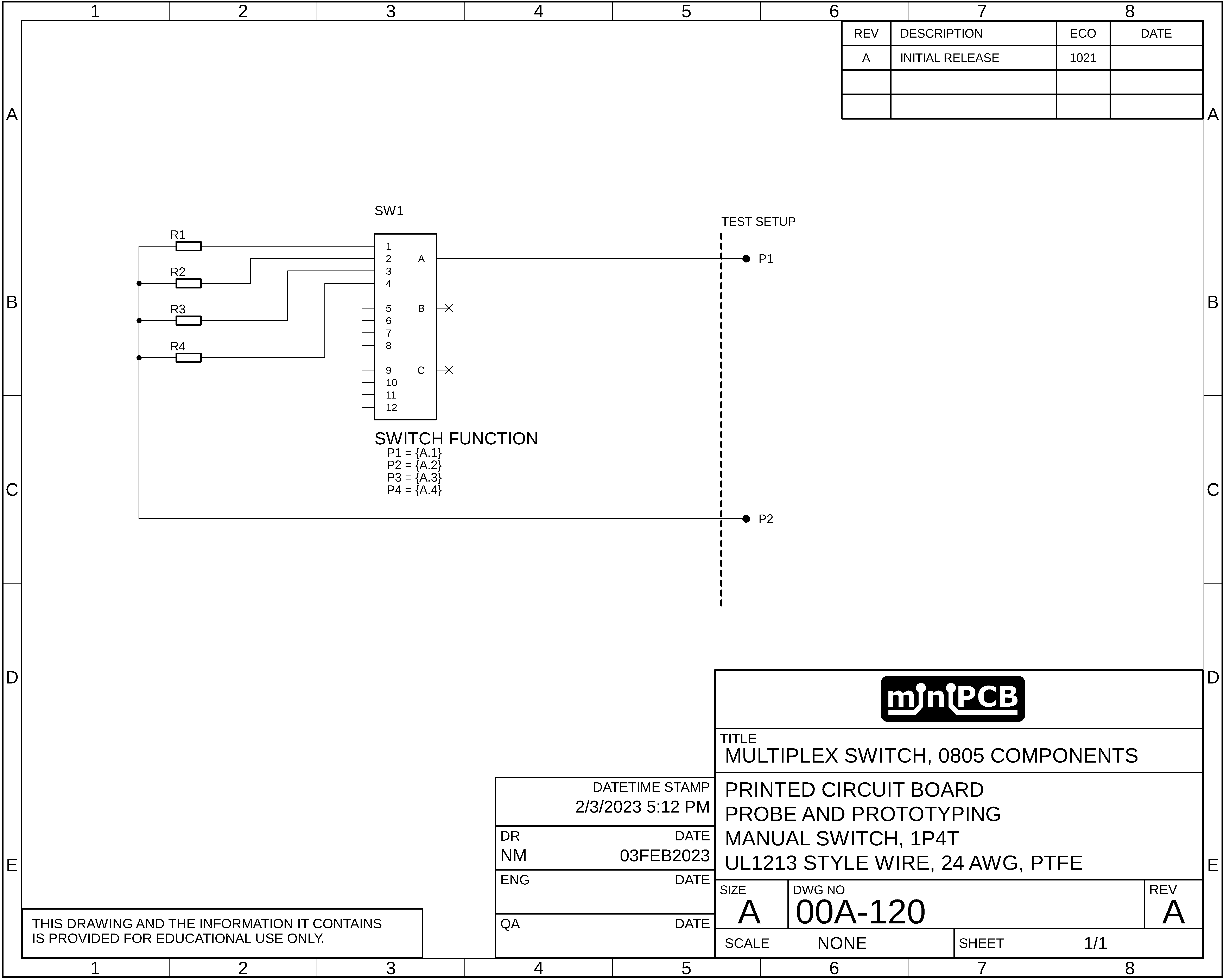
# Single Board

|  |  |
| --- | --- |
|  |  |
| TOP VIEW | BOTTOM VIEW |

# Part Locations

|  |  |
| --- | --- |
|  |  |
| TOP VIEW | BOTTOM VIEW |

# Schematic



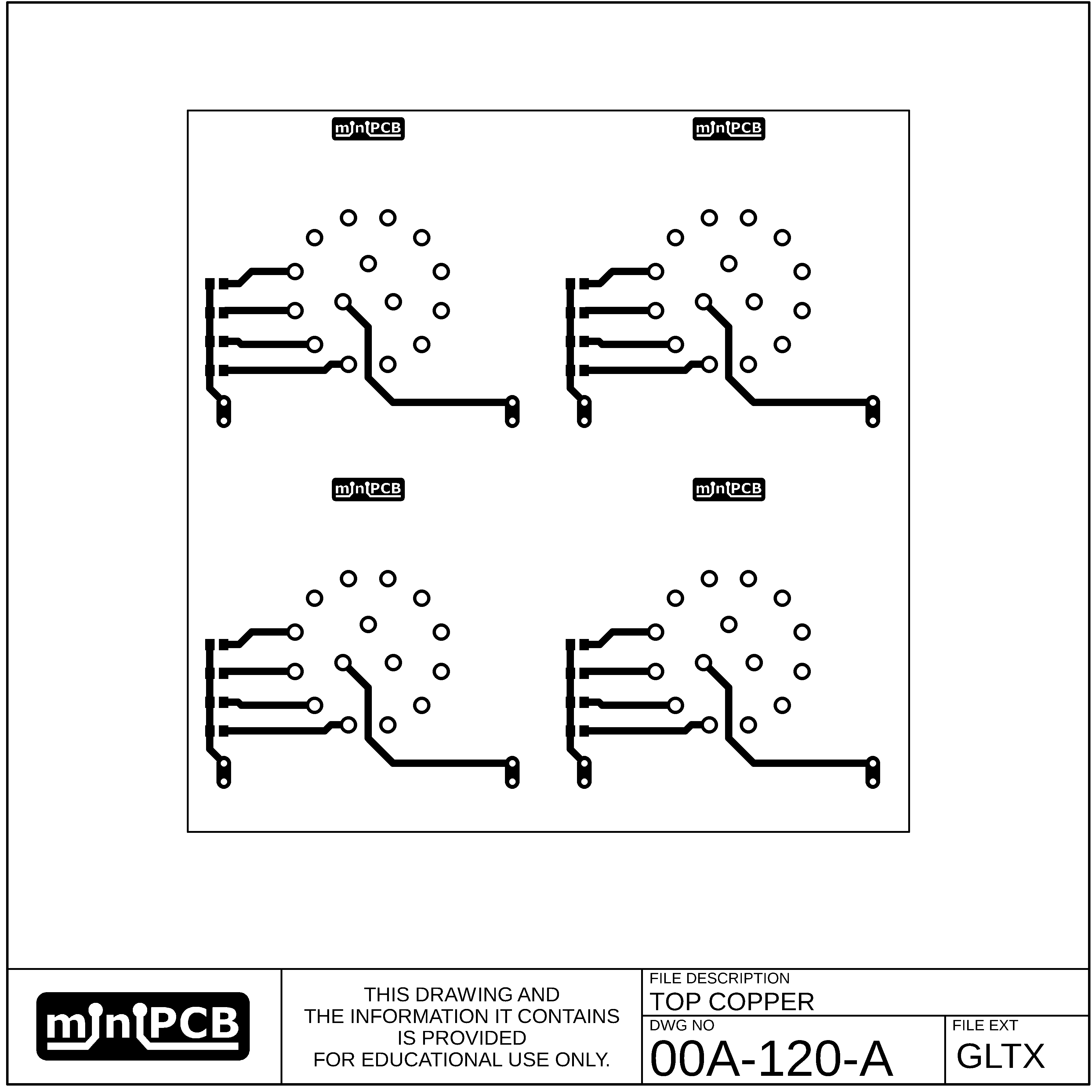
# Parts List Form

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **REF DES** | **PART TYPE** | **MFG PART NUMBER** | **PART DESCRIPTION** | **FIND** |
|  |  |  |  | 1 |
|  |  |  |  | 2 |
|  |  |  |  | 3 |
|  |  |  |  | 4 |
|  |  |  |  | 5 |
|  |  |  |  | 6 |
|  |  |  |  | 7 |
|  |  |  |  | 8 |
|  |  |  |  | 9 |
|  |  |  |  | 10 |
|  |  |  |  | 11 |

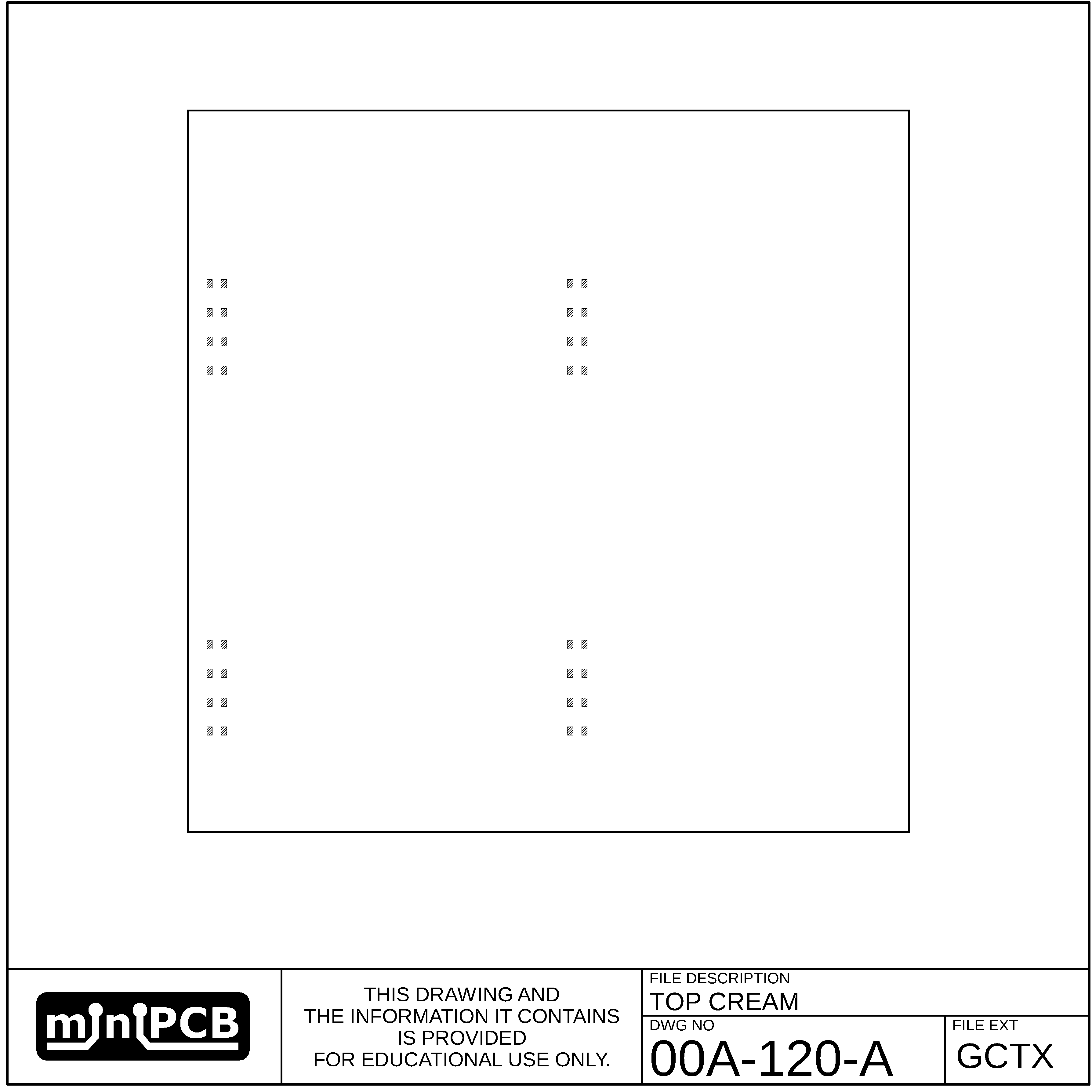
# Gerber Files

This section contains images of the layers included in each Gerber file.

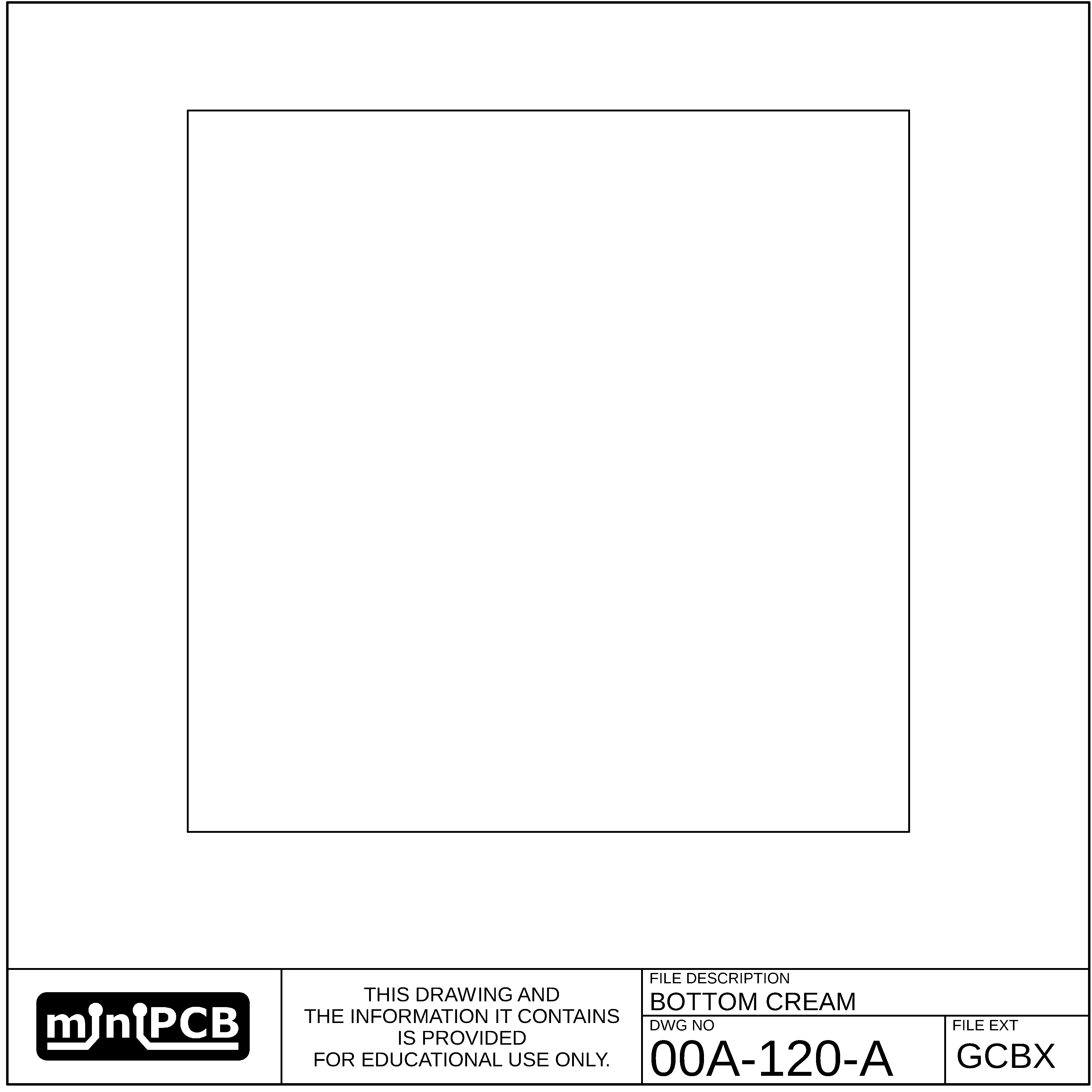
## TOP COPPER (GLTX)



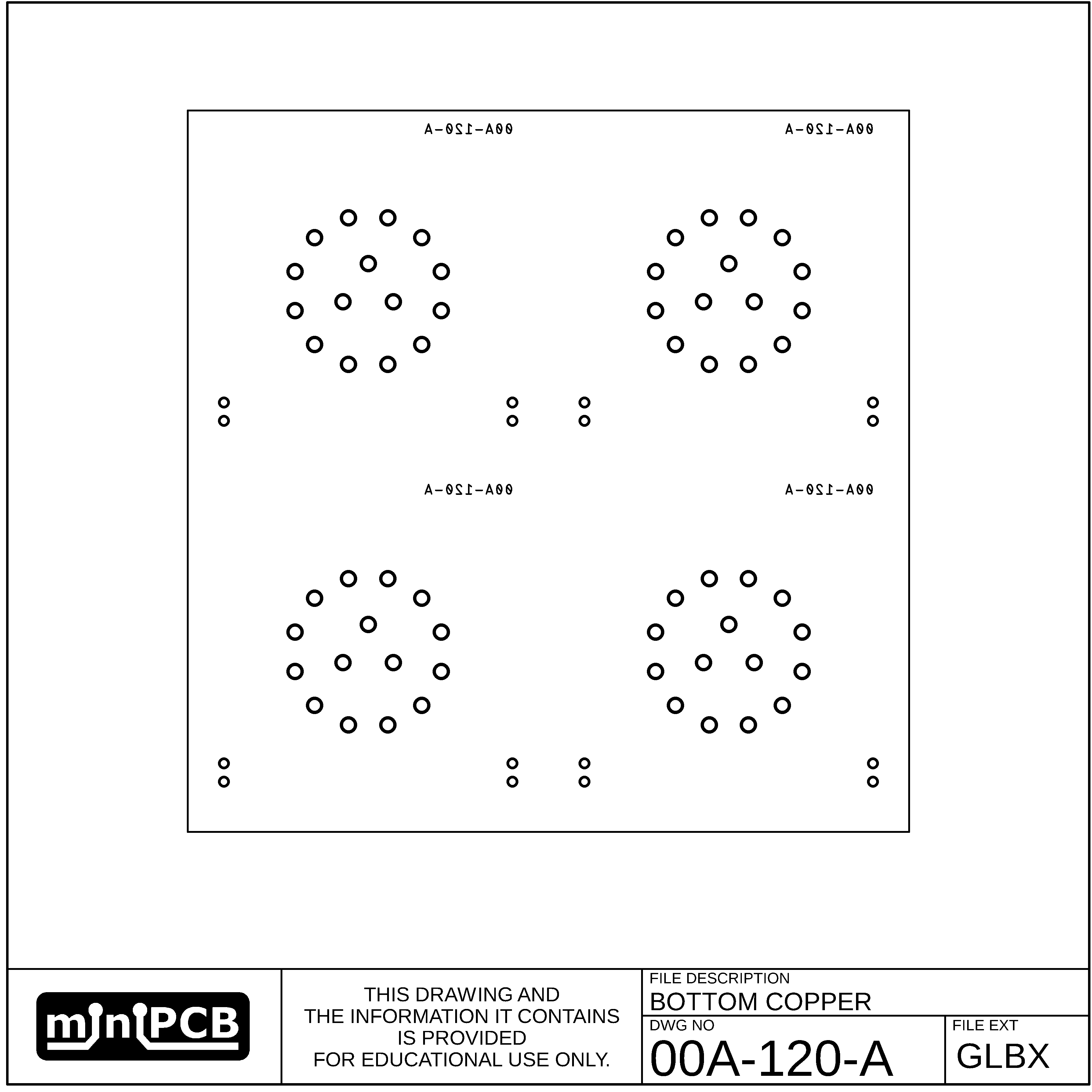
## TOP CREAM (GCTX)



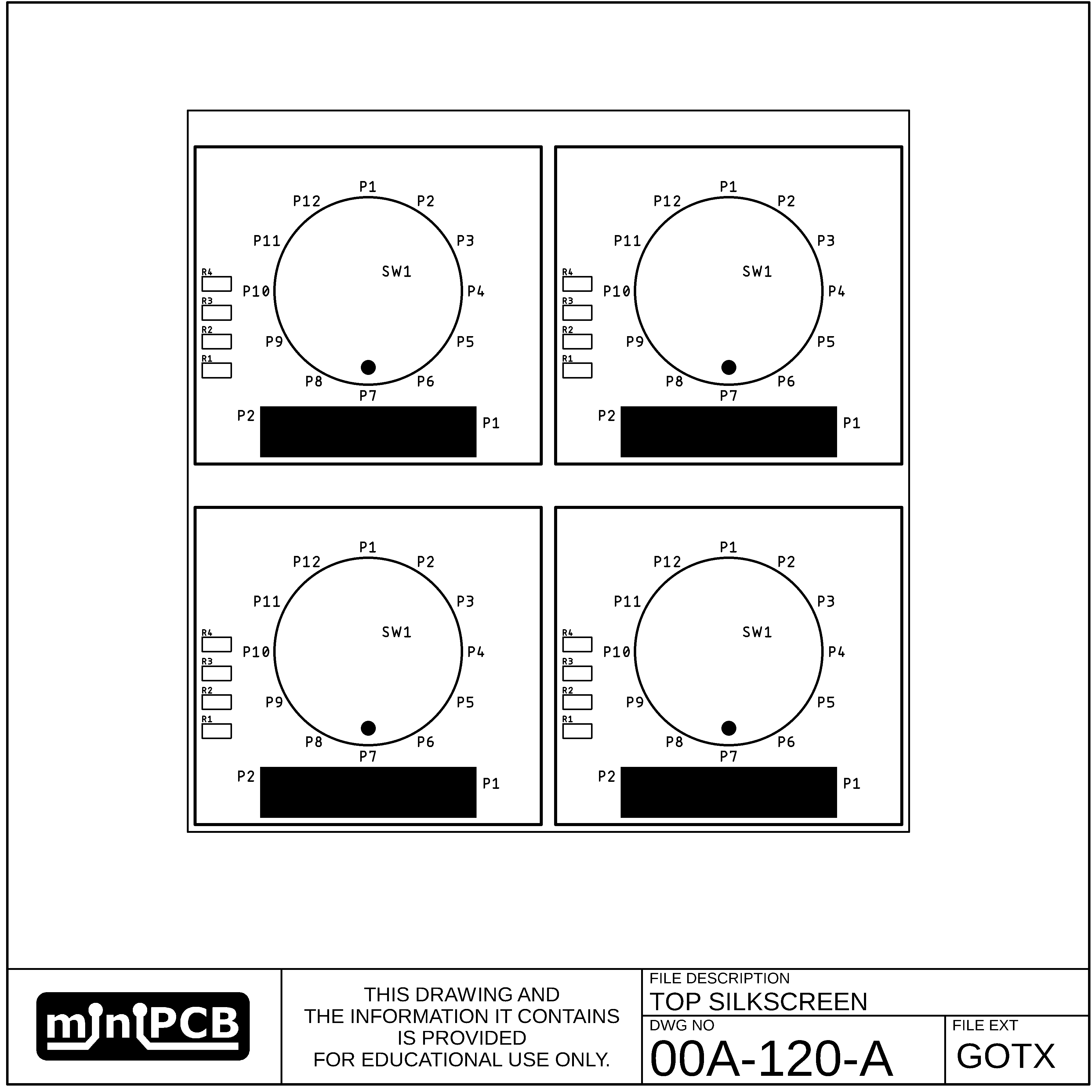
## BOTTOM CREAM (GCBX)



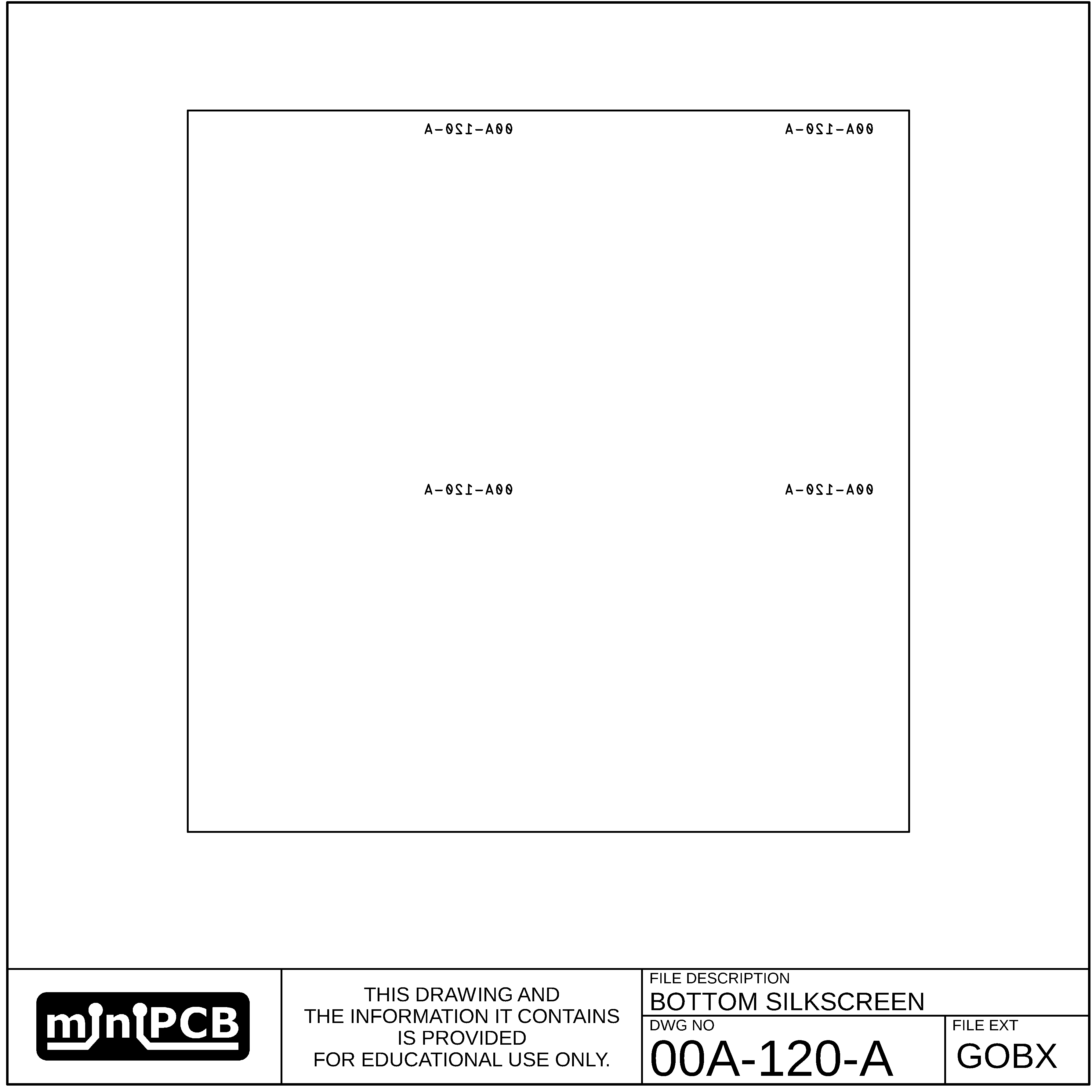
## BOTTOM COPPER (GLBX)



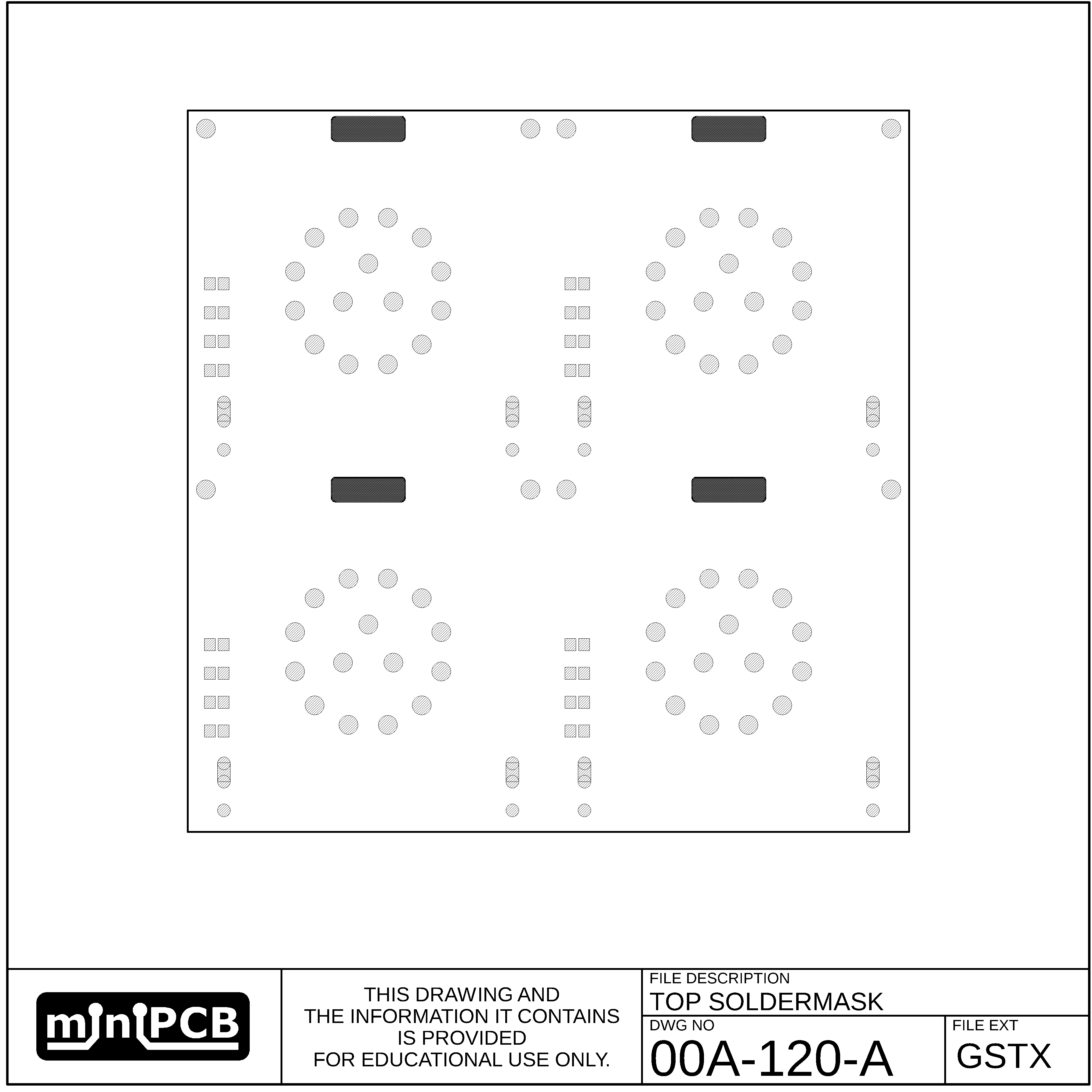
## TOP SILKSCREEN (GOTX)



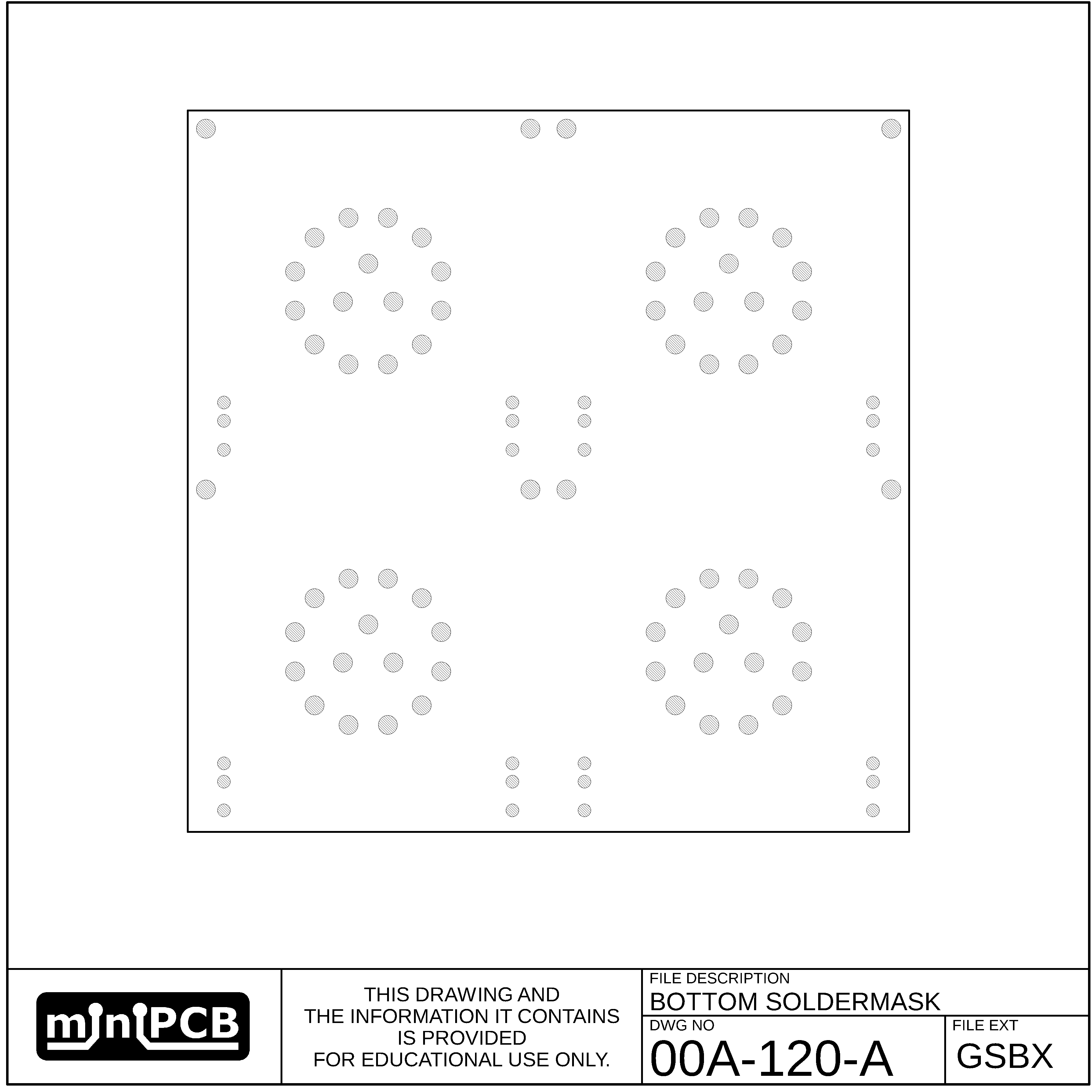
## BOTTOM SILKSCREEN (GOBX)



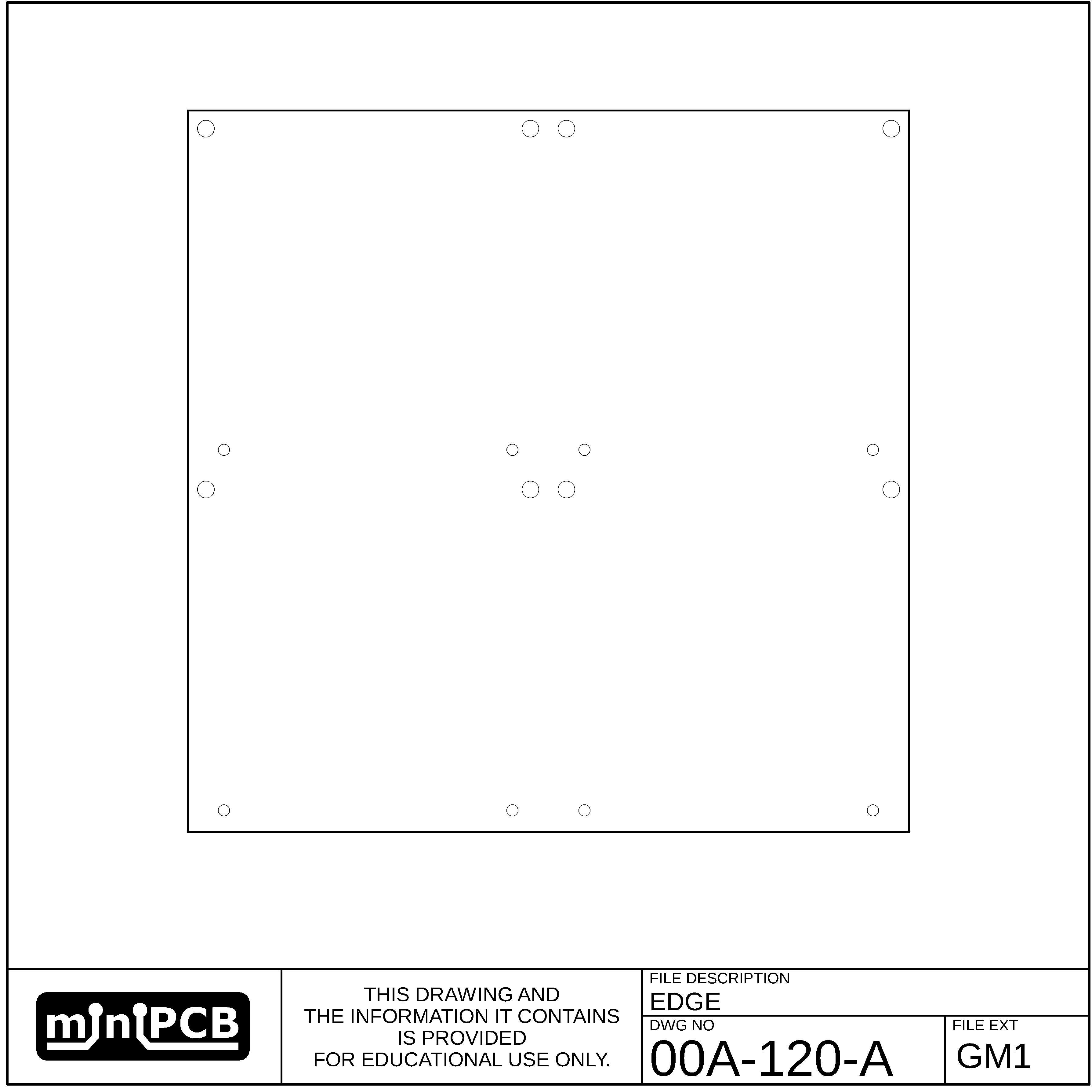
## TOP SOLDERMASK (GSTX)



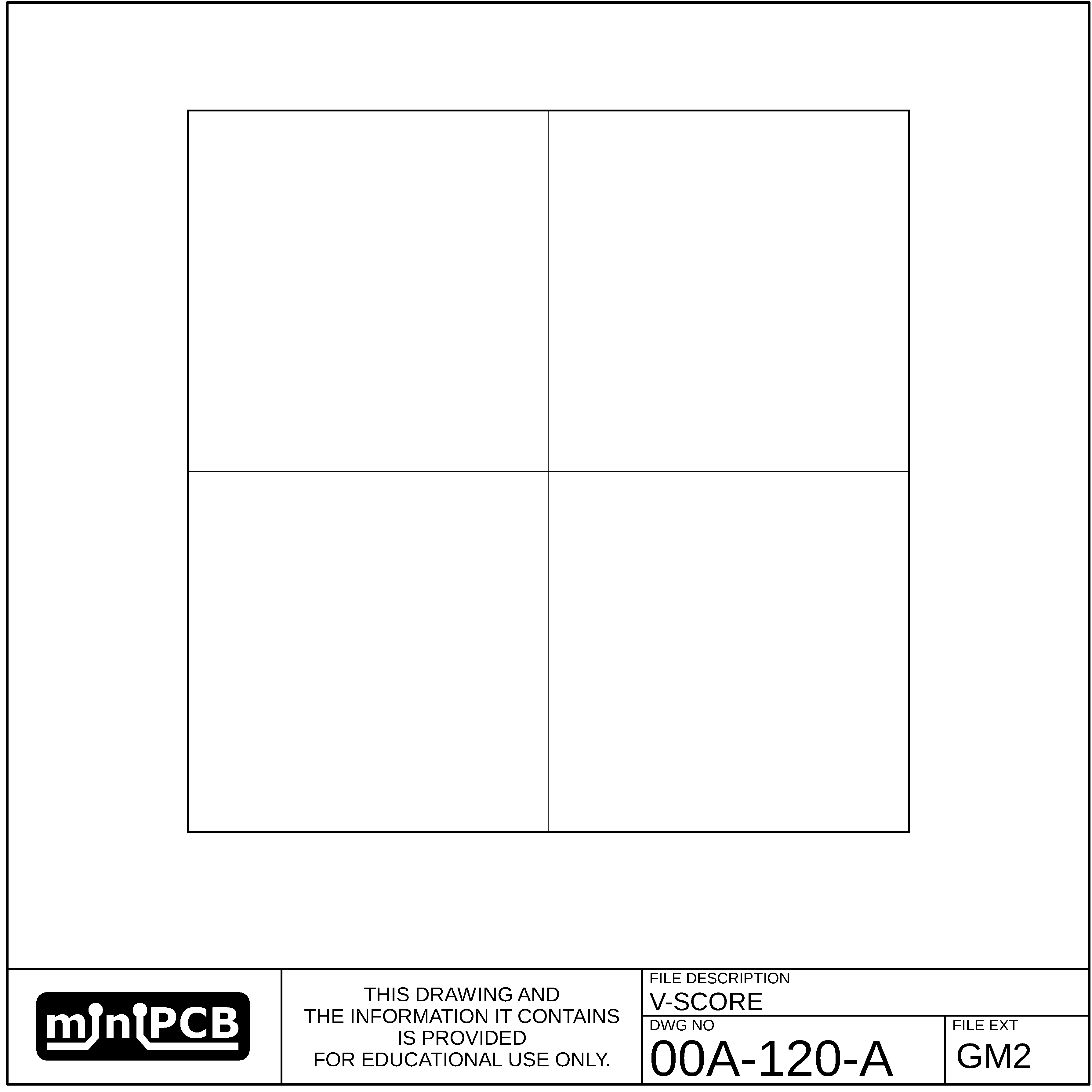
## BOTTOM SOLDER MASK (GSBX)



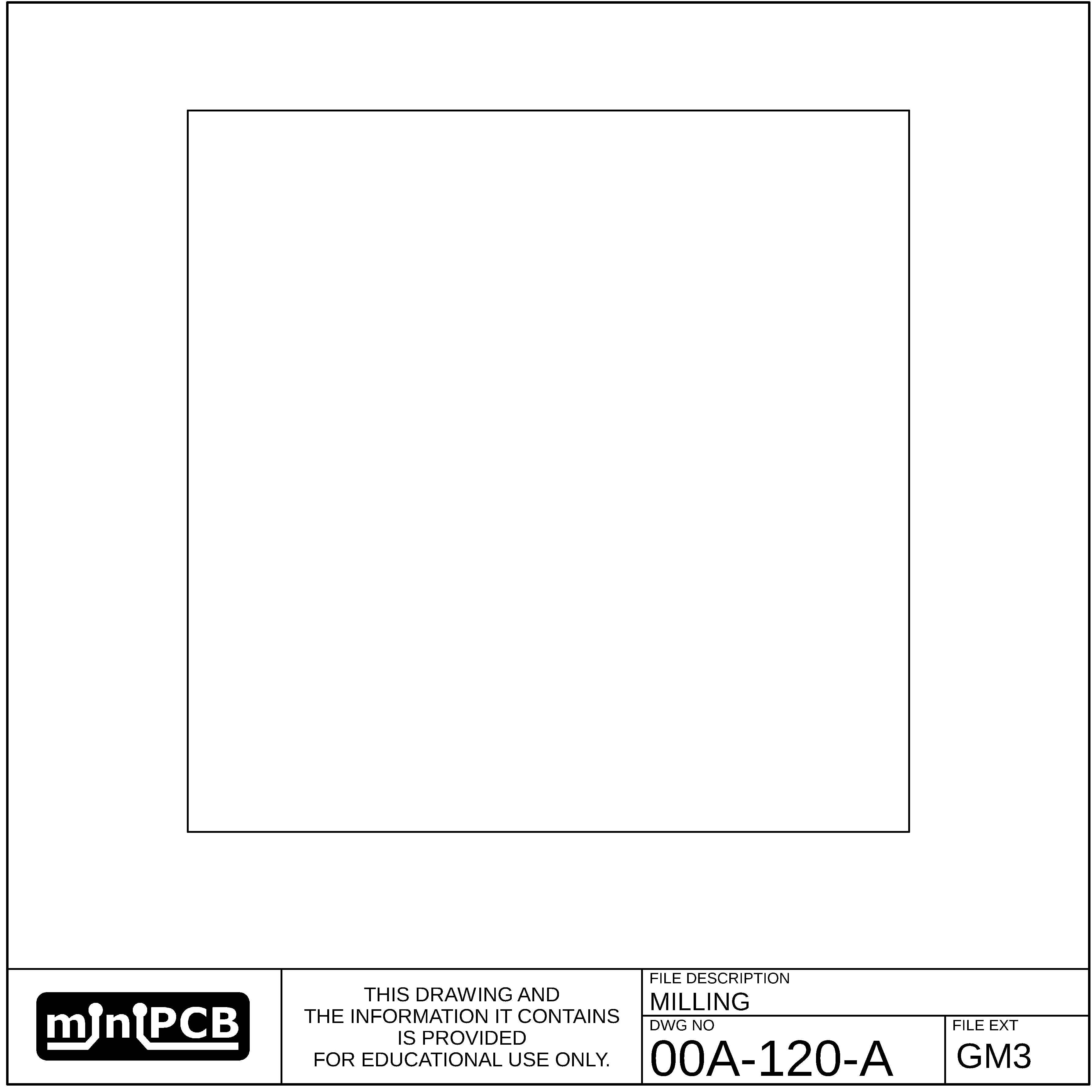
## EDGE (GM1)



## VSCORE (GM2)



## MILLING (GM3)



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| WORDMARK | FIGUREMARK | FIGUREMARK |
| miniPCB™ | A picture containing drawing  Description automatically generated™ | Icon  Description automatically generated™ |

# Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| REV | DESCRIPTION | ECO | DATE |
| A | Initial Release | 1021 |  |
|  |  |  |  |