

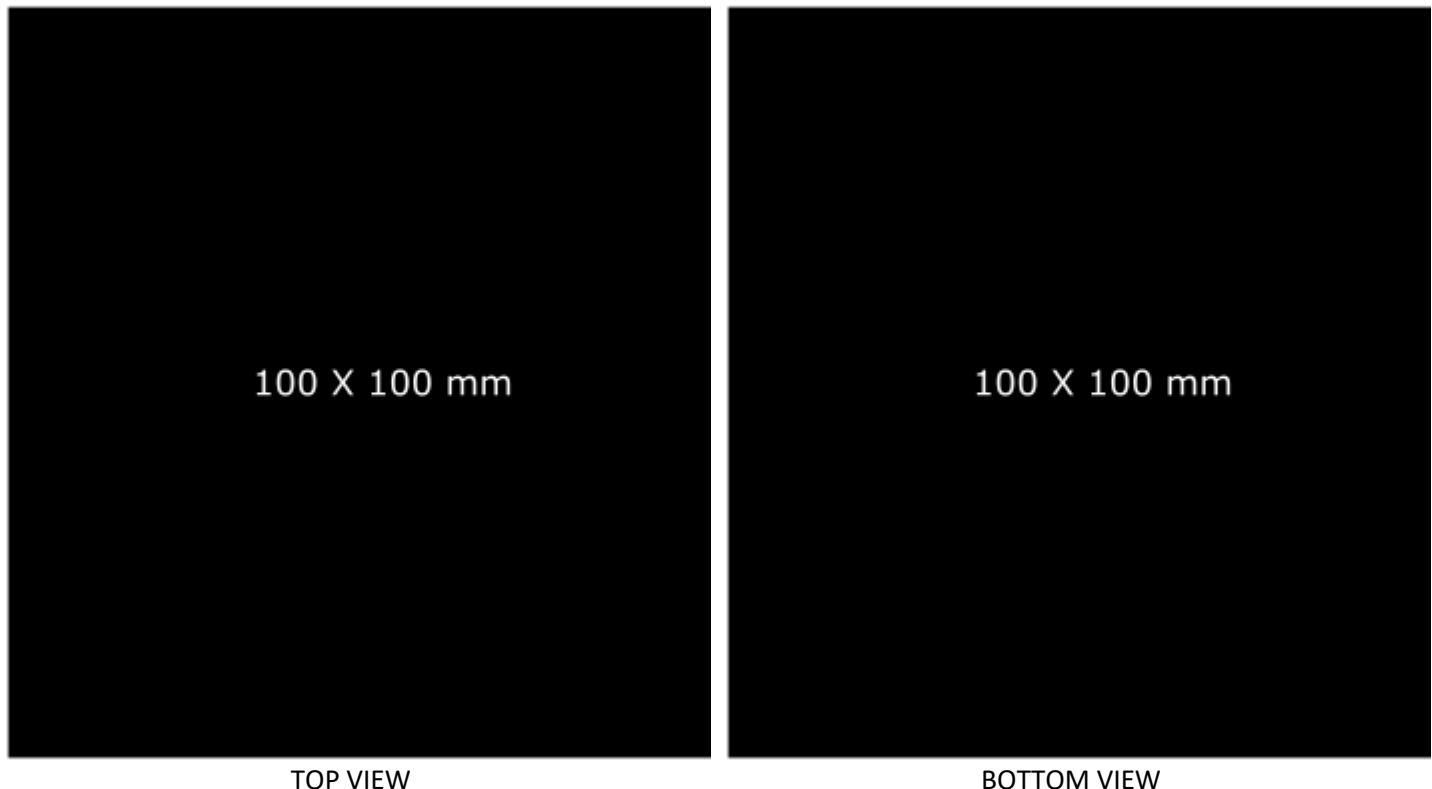
# 00A-110, Power Limiter, Switched

<b>PART NUMBER</b>	00A-110
<b>GROUP NAME</b>	Probing and Prototyping (00A)
<b>CIRCUIT NAME</b>	Short-Circuit Protection Device
<b>VARIANT DESCRIPTION</b>	Static Load, Manual Control
<b>BOARD DESIGN</b>	PCB50
<b>PRODUCT DESCRIPTION</b>	Panel of #00A-110 miniPCBs, v-scored (1 Panel = 4 Pieces)

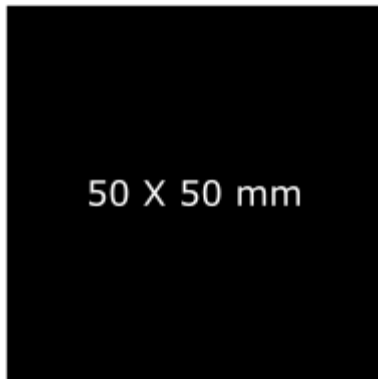
## Circuit Description

This board contains two (2) power resistors, four (4) banana jack posts, four (4) multimeter probe receptacles, and a rotary switch. This board enables Unit Under Test (UUT) boards to be powered up safely during developmental testing.

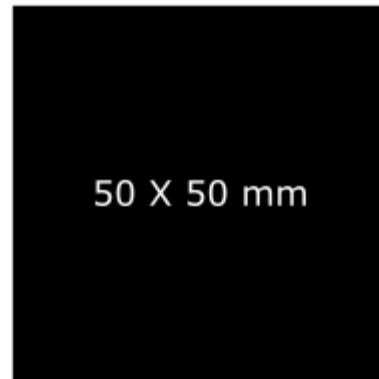
## Panel Board



## Single Board

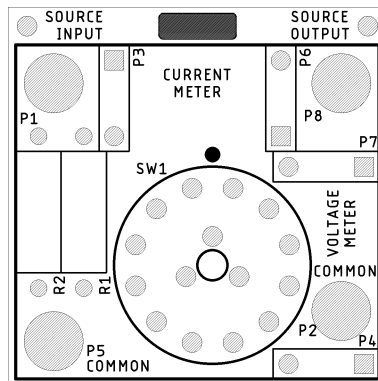


TOP VIEW

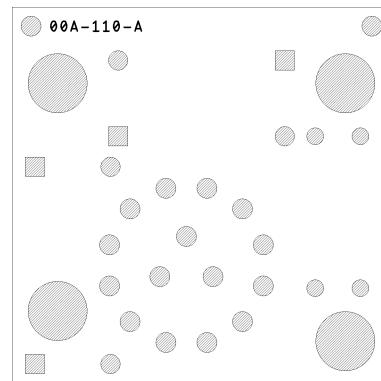


BOTTOM VIEW

## Part Locations

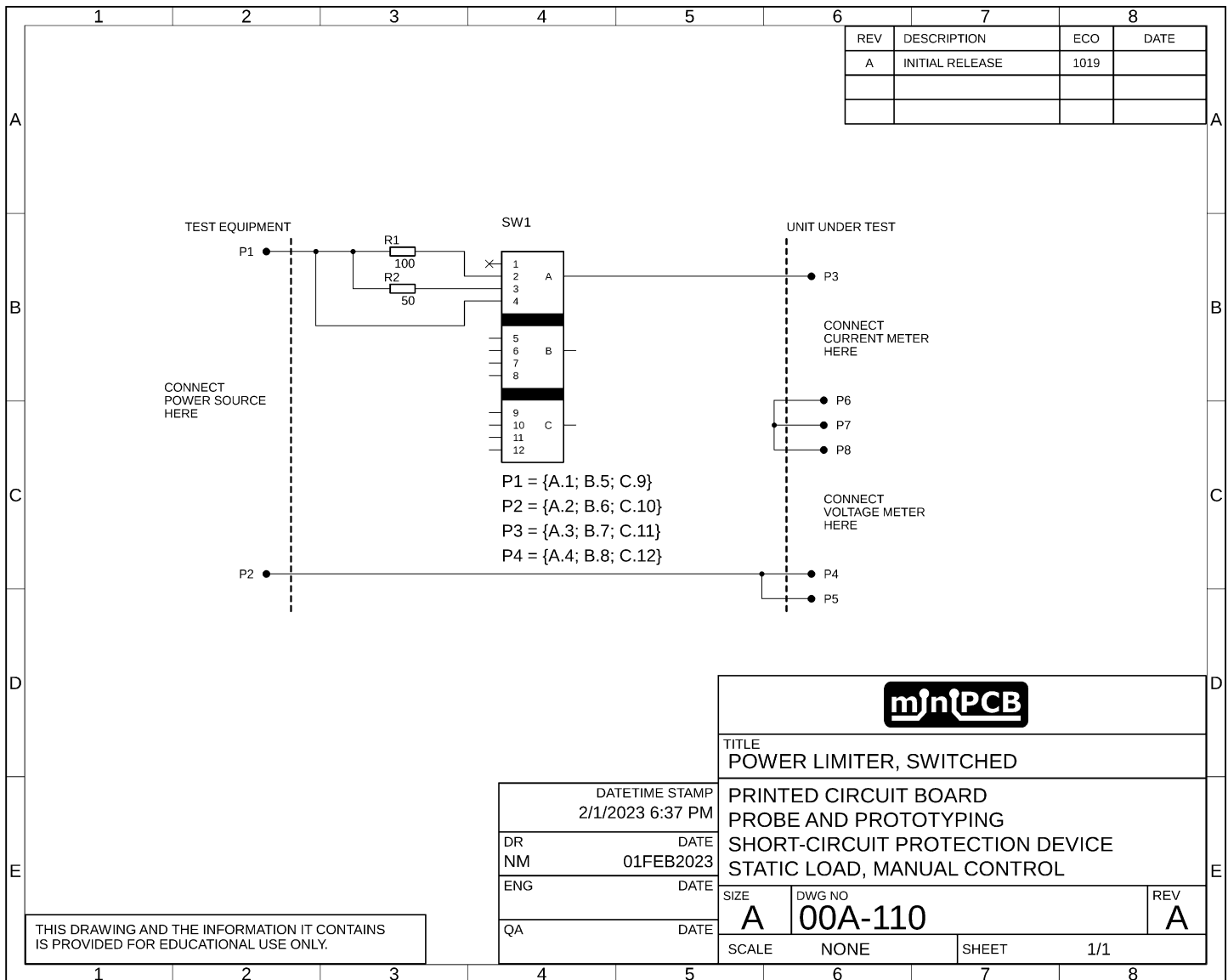


TOP VIEW



BOTTOM VIEW

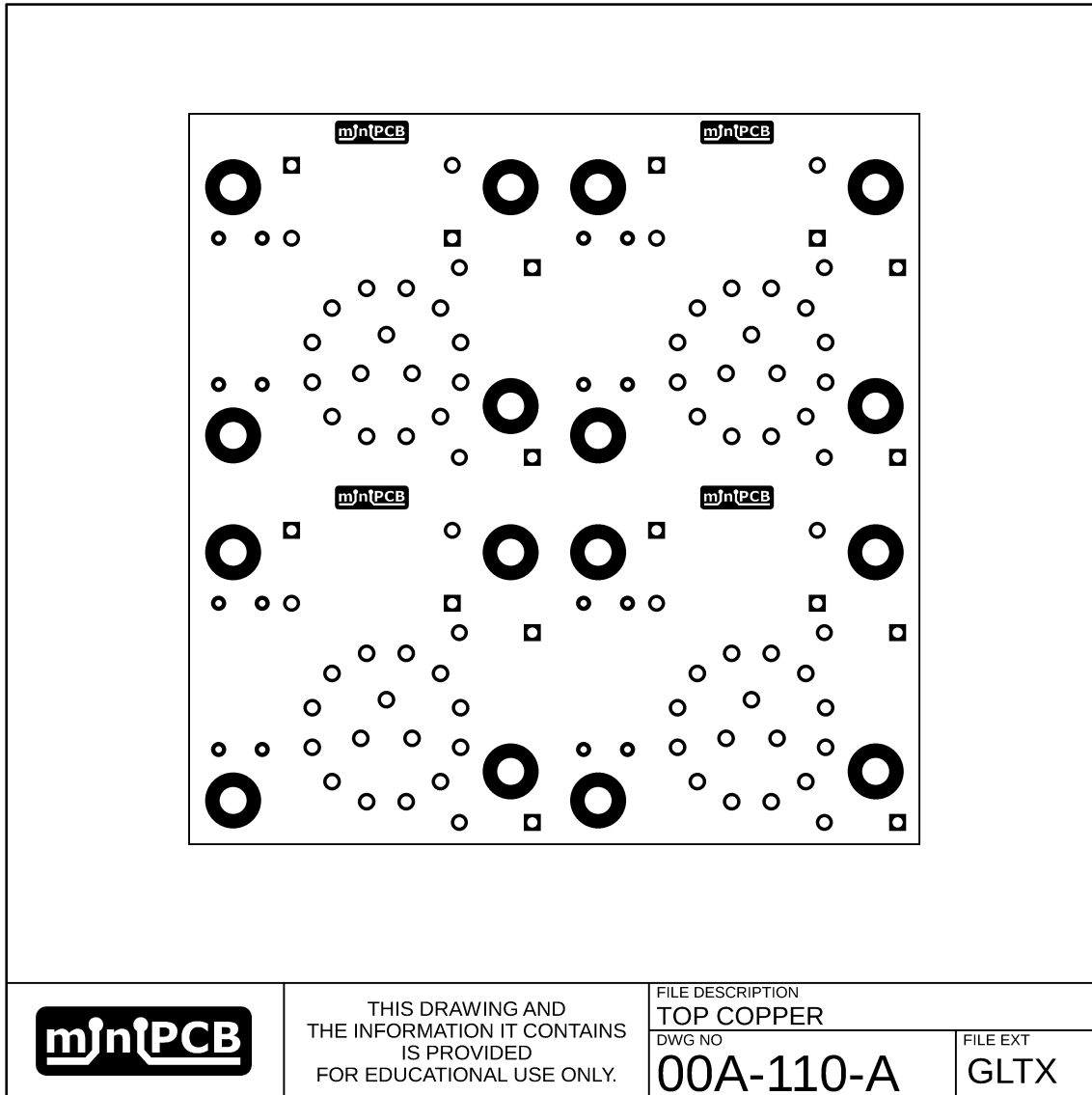
## Schematic



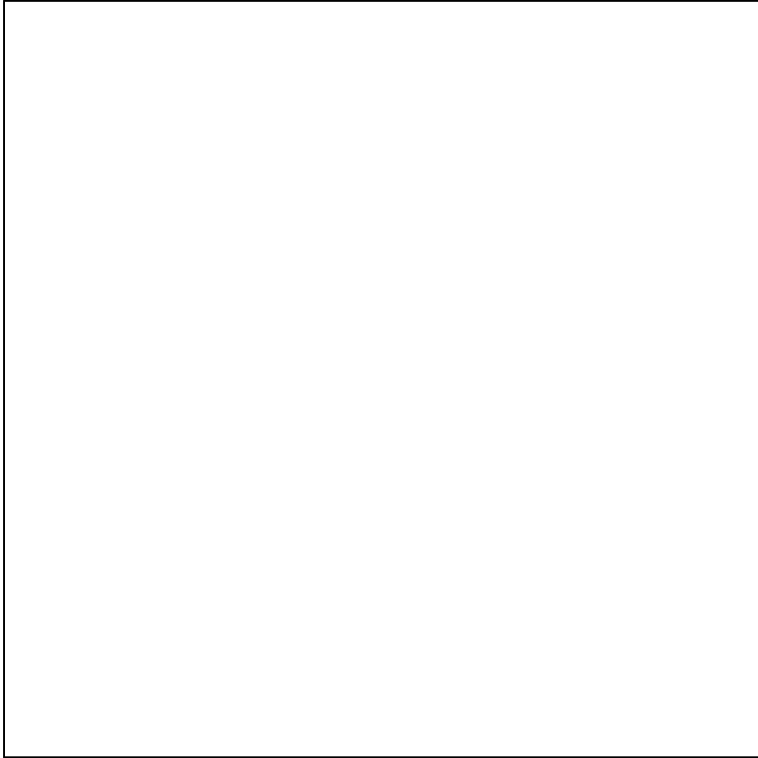

## Gerber Files

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


### TOP COPPER (GLTX)



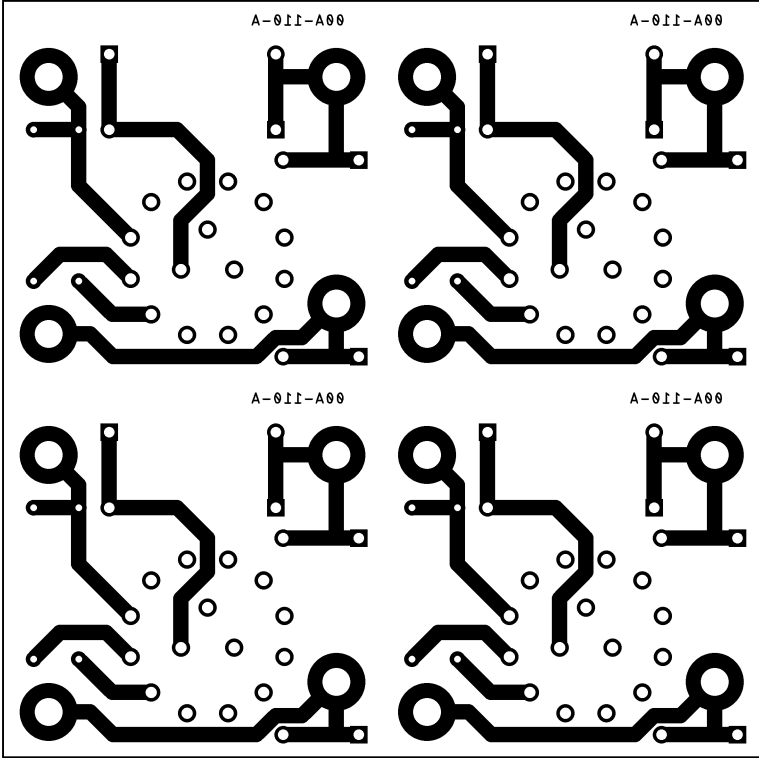
## TOP CREAM (GCTX)


			
	THIS DRAWING AND THE INFORMATION IT CONTAINS IS PROVIDED FOR EDUCATIONAL USE ONLY.	FILE DESCRIPTION TOP CREAM	
		DWG NO 00A-110-A	FILE EXT GCTX

BOTTOM CREAM (GCBX)

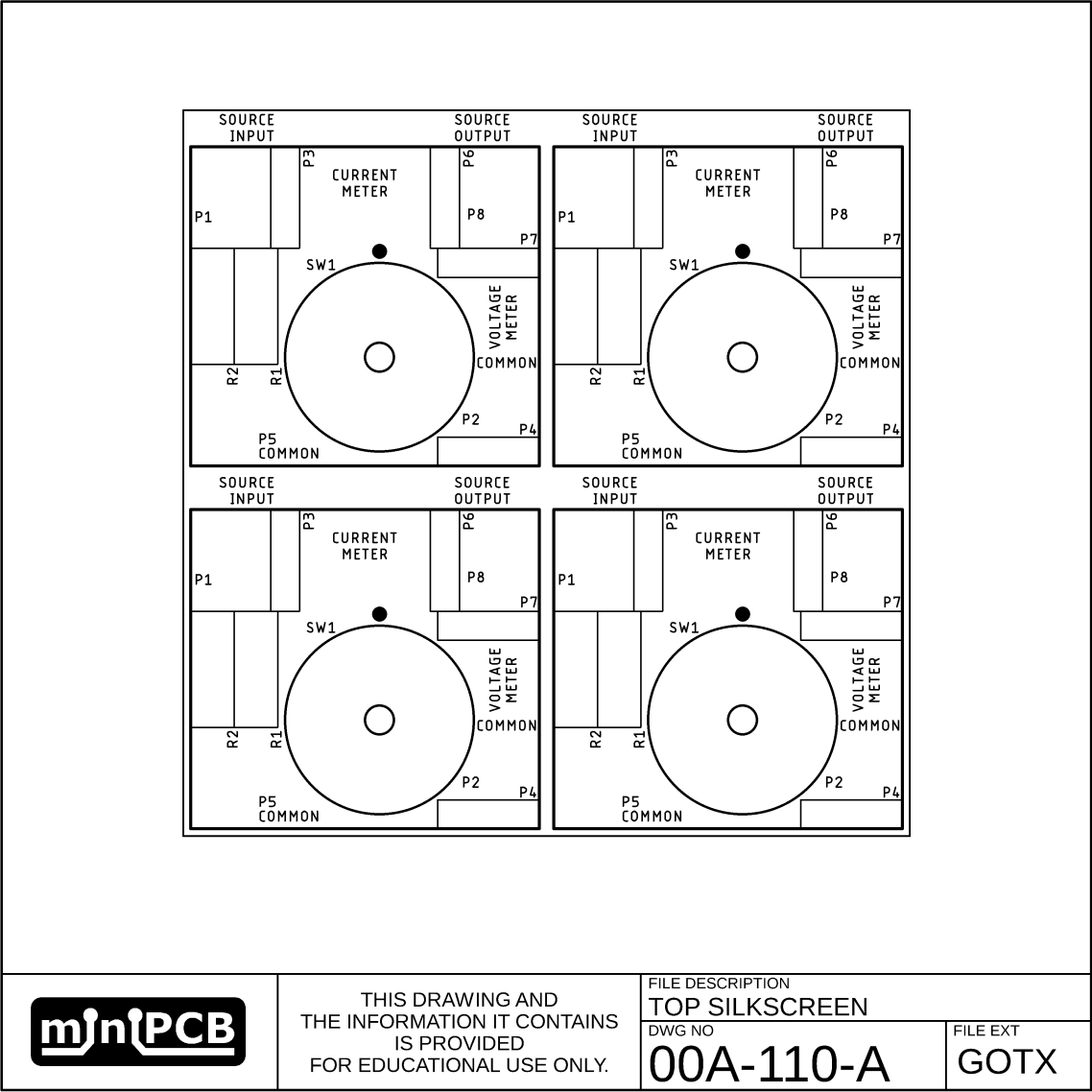
	THIS DRAWING AND THE INFORMATION IT CONTAINS IS PROVIDED FOR EDUCATIONAL USE ONLY.	FILE DESCRIPTION BOTTOM CREAM	
		DWG NO 00A-110-A	FILE EXT GCBX

BOTTOM COPPER (GLBX)



	THIS DRAWING AND THE INFORMATION IT CONTAINS IS PROVIDED FOR EDUCATIONAL USE ONLY.	FILE DESCRIPTION BOTTOM COPPER	
		DWG NO 00A-110-A	FILE EXT GLBX

TOP SILKSCREEN (GOTX)






BOTTOM SILKSCREEN (GOBX)

A-011-A00

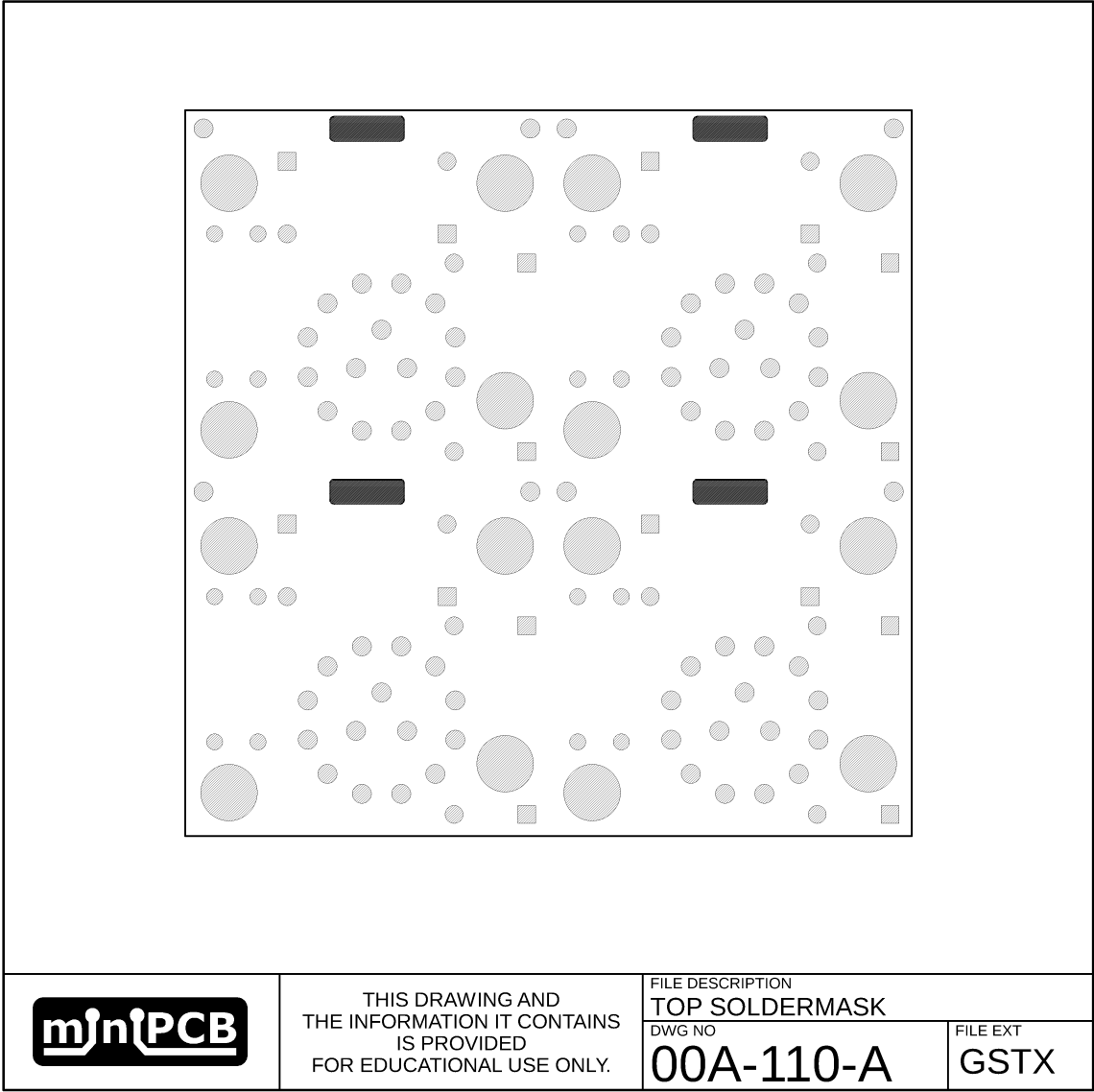
A-011-A00

A-011-A00

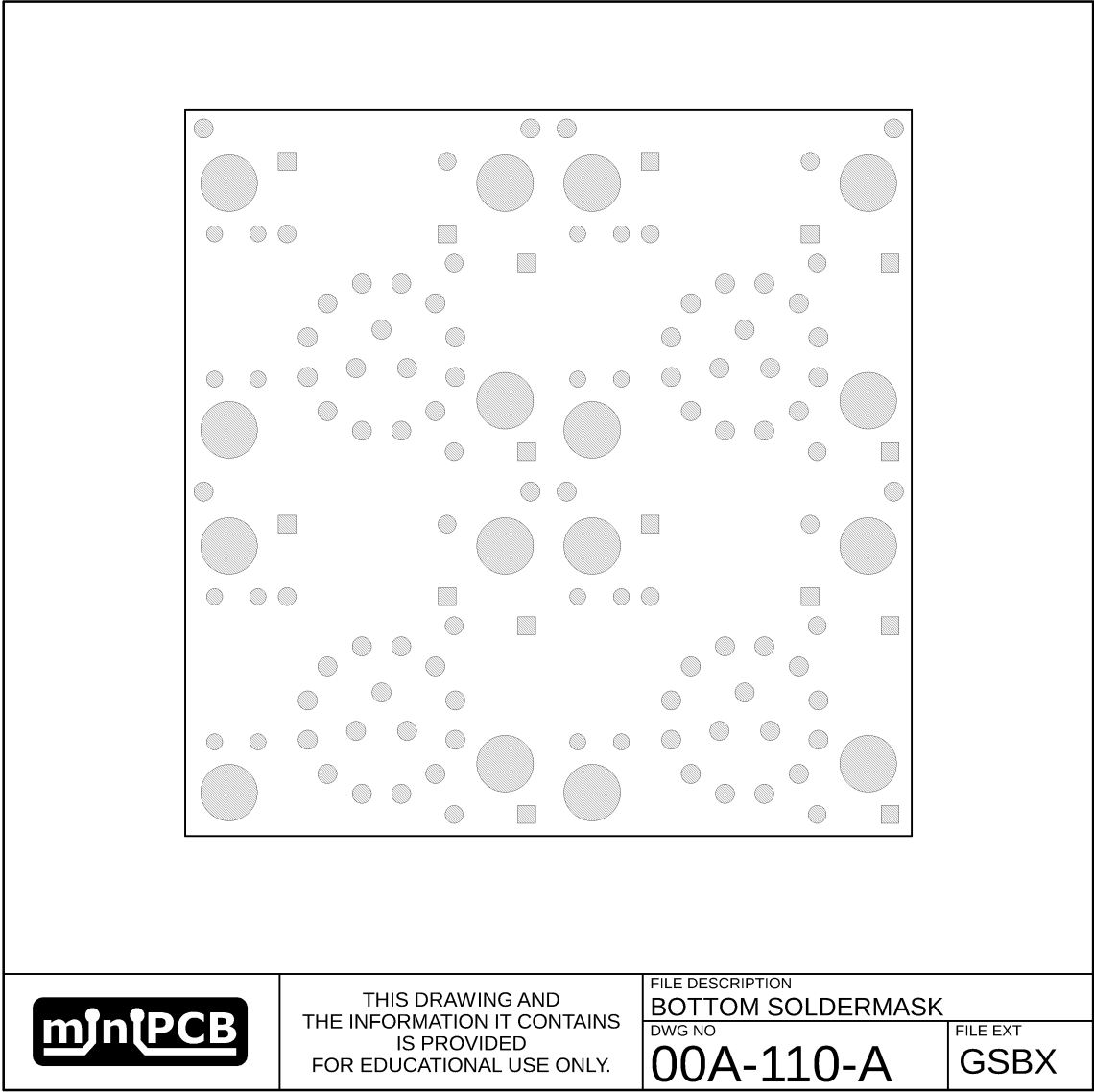
A-011-A00

	THIS DRAWING AND THE INFORMATION IT CONTAINS IS PROVIDED FOR EDUCATIONAL USE ONLY.	FILE DESCRIPTION BOTTOM SILKSCREEN	
		DWG NO 00A-110-A	FILE EXT GOBX

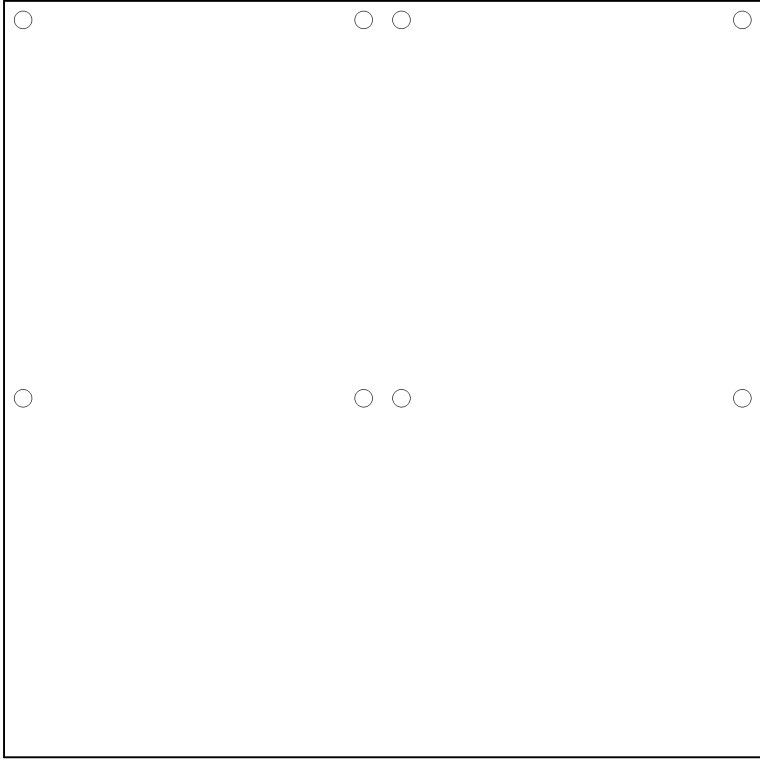
TOP SOLDERMASK (GSTX)




BOTTOM SOLDER MASK (GSBX)

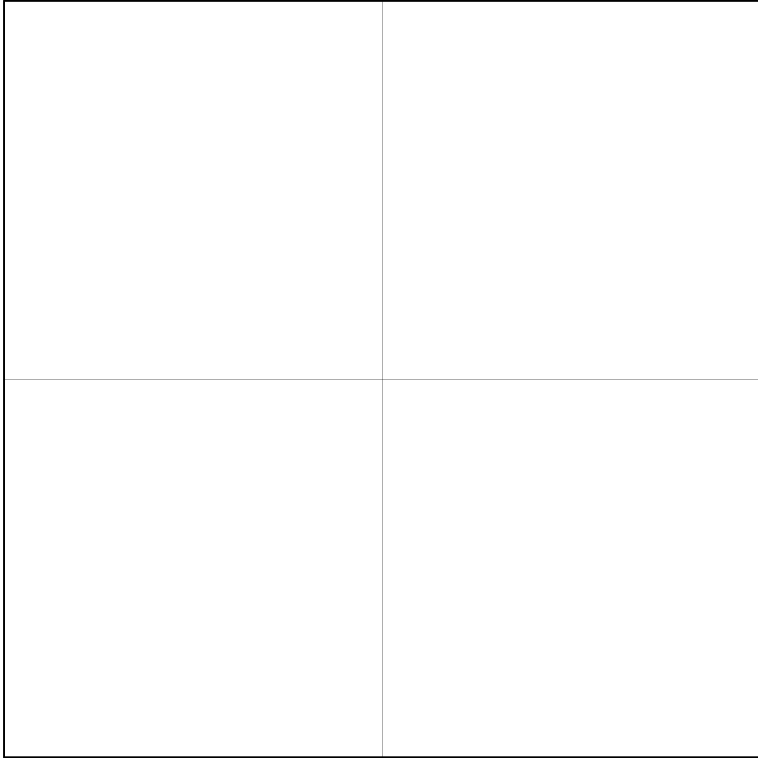



EDGE (GM1)




	THIS DRAWING AND THE INFORMATION IT CONTAINS IS PROVIDED FOR EDUCATIONAL USE ONLY.	FILE DESCRIPTION EDGE	
		DWG NO 00A-110-A	FILE EXT GM1

VSCORE (GM2)

		
	THIS DRAWING AND THE INFORMATION IT CONTAINS IS PROVIDED FOR EDUCATIONAL USE ONLY.	FILE DESCRIPTION V-SCORE
		DWG NO <b>00A-110-A</b>

MILLING (GM3)

	THIS DRAWING AND THE INFORMATION IT CONTAINS IS PROVIDED FOR EDUCATIONAL USE ONLY.	FILE DESCRIPTION MILLING	
		DWG NO 00A-110-A	FILE EXT GM3

## Parts List

REF DES	PART TYPE	MFG PART NUMBER	PART DESCRIPTION	FIND
P1	RECEPTACLE		BANANA JACK	1
P2	RECEPTACLE		BANANA JACK	2
P8	RECEPTACLE		BANANA JACK	3
P5	RECEPTACLE		BANANA JACK	4
P3	RECEPTACLE	KE6060	MULTIMETER PROBE	5
P6	RECEPTACLE	KE6060	MULTIMETER PROBE	6
P7	RECEPTACLE	KE6060	MULTIMETER PROBE	7
P4	RECEPTACLE	KE6060	MULTIMETER PROBE	8
R1	RESISTOR		THD, 100 $\Omega$ , 15mm PITCH	9
R2	RESISTOR		THD, 50 $\Omega$ , 15mm PITCH	10
SW1	SWITCH	i036708	SWITCH, ROTARY, 3P4T	11

## Change and Liability Notice

This document is subject to change without notice. While effort has been made to ensure the accuracy of the material contained within this document, Nolan Manteufel shall under no circumstances be liable for incidental or consequential damages or related expenses resulting from the use of this document.

## Trademark Notice

miniPCB is a trademark of Nolan Manteufel.

This datasheet does not constitute permission to use the miniPCB trademark.

WORDMARK	FIGUREMARK	FIGUREMARK
miniPCB™		

## Revision History

REV	DESCRIPTION	ECO	DATE
A	Initial Release	1019	