

1

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2

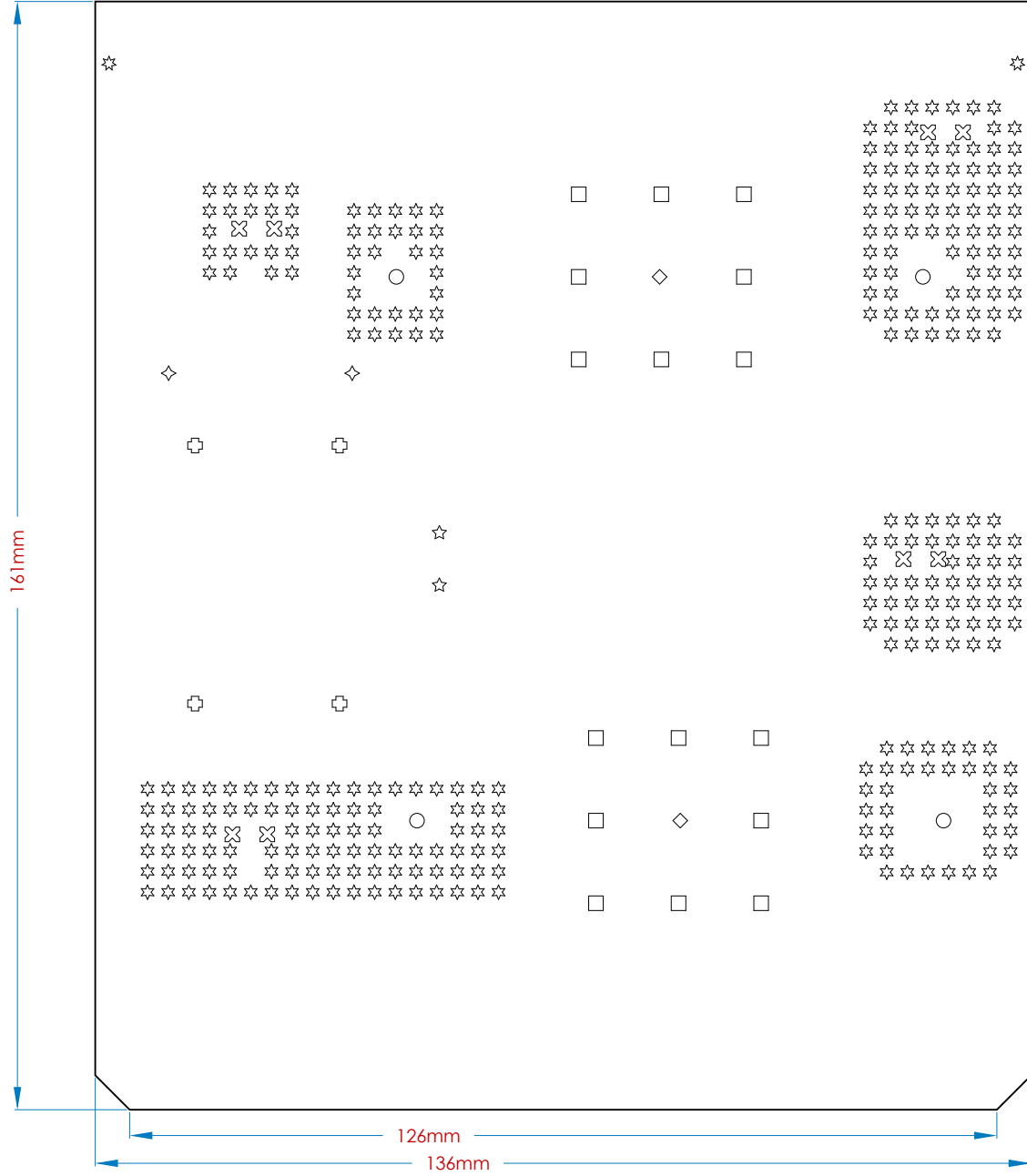
3

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Drill Drawing View (Scale 1:1)



Drill Table

Symbol	Count	Hole Size	Plated	Hole Tolerance
☆	313	0.7mm	Plated	None
☆	2	1mm	Plated	None
◇	2	1.2mm	Plated	None
⊕	4	1.3mm	Plated	None
⊗	8	1.5mm	Plated	None
☆	2	2.5mm	Plated	None
○	4	5mm	Plated	None
◇	2	6mm	Plated	None
□	16	10mm	Plated	None
353 Total				

Fabrication file description	
Object	File name or format
Top copper:	.GTL
Top solder:	.GTS
Top overlay:	.GTO
Bottom couper:	.GBL
Bottom solder:	.GBS
Bottom overlay:	.GBO
Board outline:	.GM1
Plated holes:	.txt
No plated holes:	.txt

Design information		
Board size:	161 mm	X 136mm
Number of layers:	2	
Min. track width:	0.5 mm	
Min. clearance:	0.3 mm	
Min. hole diameter:	0.5 mm	
Min. annular ring:	0.2 mm	
Board material:	FR-4	
Board thickness:	2 mm	
Solder mask:	top, bottom	
Solder mask color:	green	
Silk screen:	top	
Silk screen color:	white	
Surface finish:	HASL with leed	
Couper thickness (finished):	70 um	
Array/Panel:	cut and trim per .GM1 layer	
Bare board elec. test:	yes	

Acceptability:
IPC-A-600 Class 2
UL94 Class V-0

Layer Stack Legend

Material	Layer	Thickness	Dielectric Material	Type
	Top Overlay			Legend
	Surface Material			Solder Mask
Copper	Top	0.07mm (2.8mil)		Signal
		2mm (78.7mil)	FR-4	Dielectric
Copper	Bottom	0.07mm (2.8mil)		Signal
				GBL
Surface Material	Bottom Solder	0.01mm (0.4mil)	Solder Resist	Solder Mask
				GBS
	Bottom Overlay			Legend
				GBO
Total thickness: 2.16mm (85.1mil)				

Gerber GTO GTS GTL GBL GBS GBO	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS						DEBURR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING		REVISION		
	Oltest											
		NAME	SIGNATURE	DATA				TITLE: R100 Filtr2				
	DRAW	Bondarchuk S.										
	CHK'D	Bondarchuk S.										
	APPV'D	Ornatskiy										
	MFG											
	QA							AMAK:		R100.230.050.001-00		A3
					WEIGHT:			SCALE 1:1		SHEET 1 OF 6		

A3

A

B

C

D

E

F

G

H

1

2

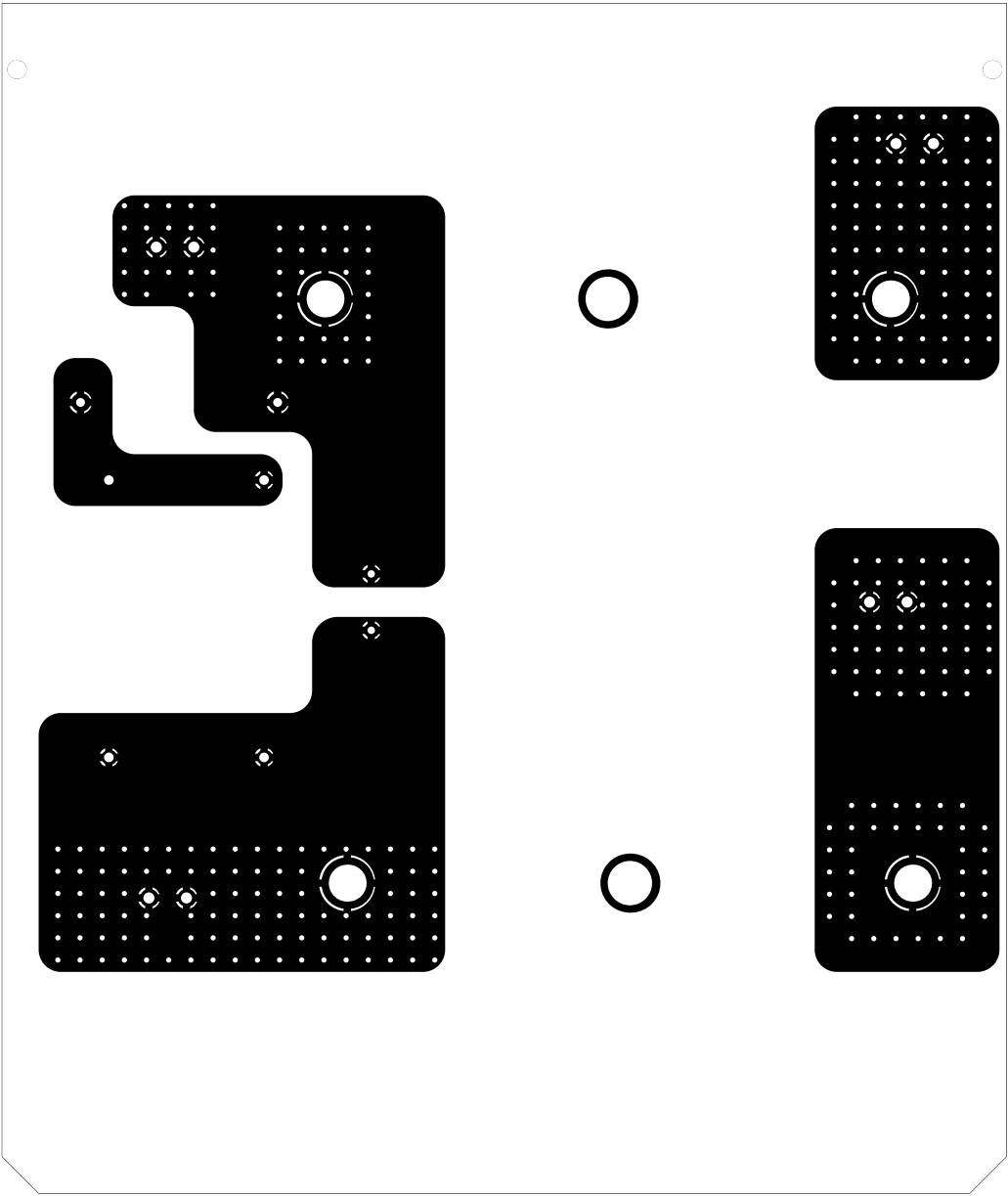
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Top (Scale 1:1)



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UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS							DEBURR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING		REVISION	
Oltest											
	NAME	SIGNATURE	DATA				TITLE: R100 Filtr2				
DRAW	Bondarchuk S.										
CHK'D	Bondarchuk S.										
APPV'D	Ornatskiy										
MFG											
QA							AMAK: R100.230.050.001-00		A3		
				WEIGHT:			SCALE 1:1		SHEET 2 OF 6		

A

B

C

D

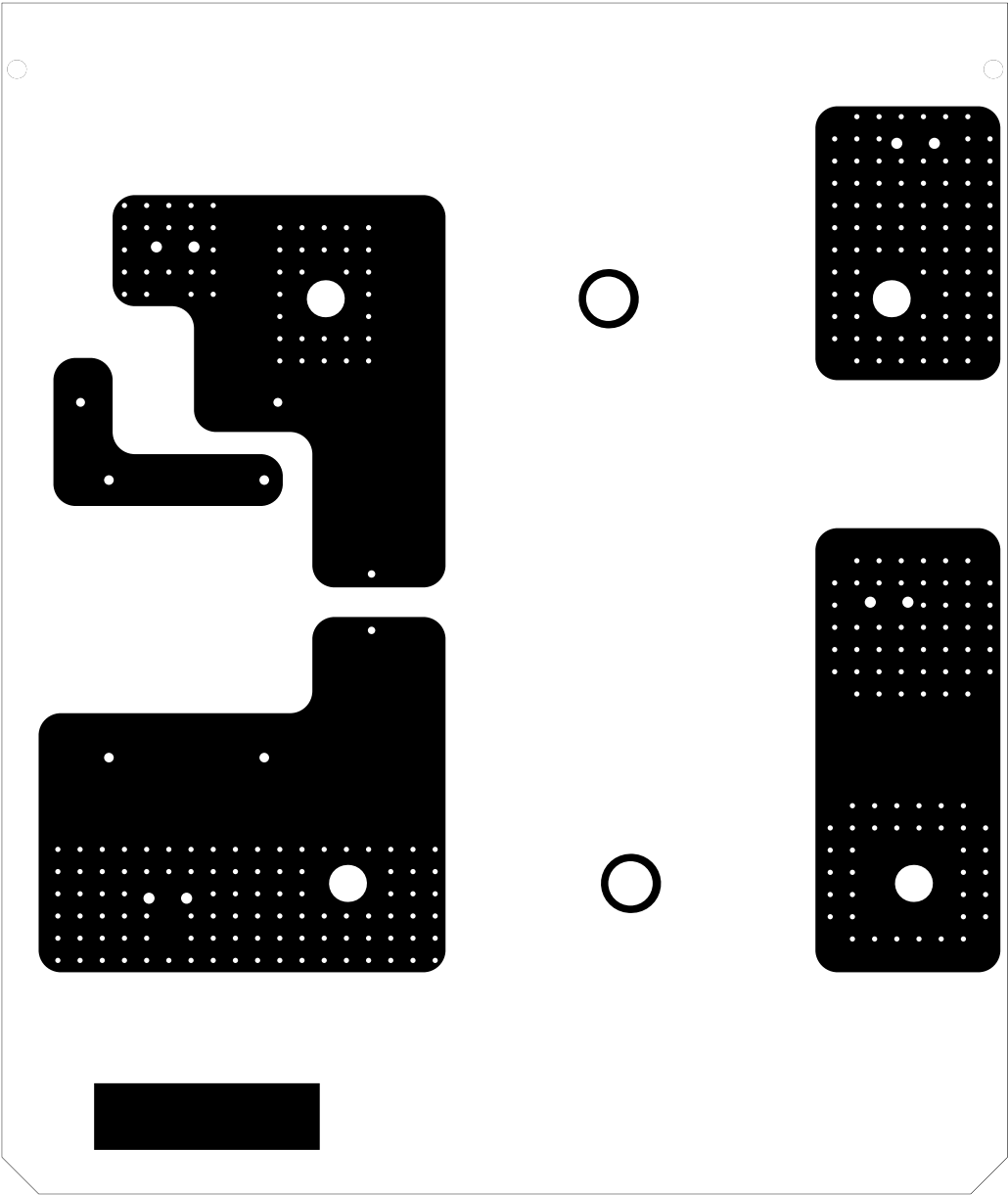
E

F

G

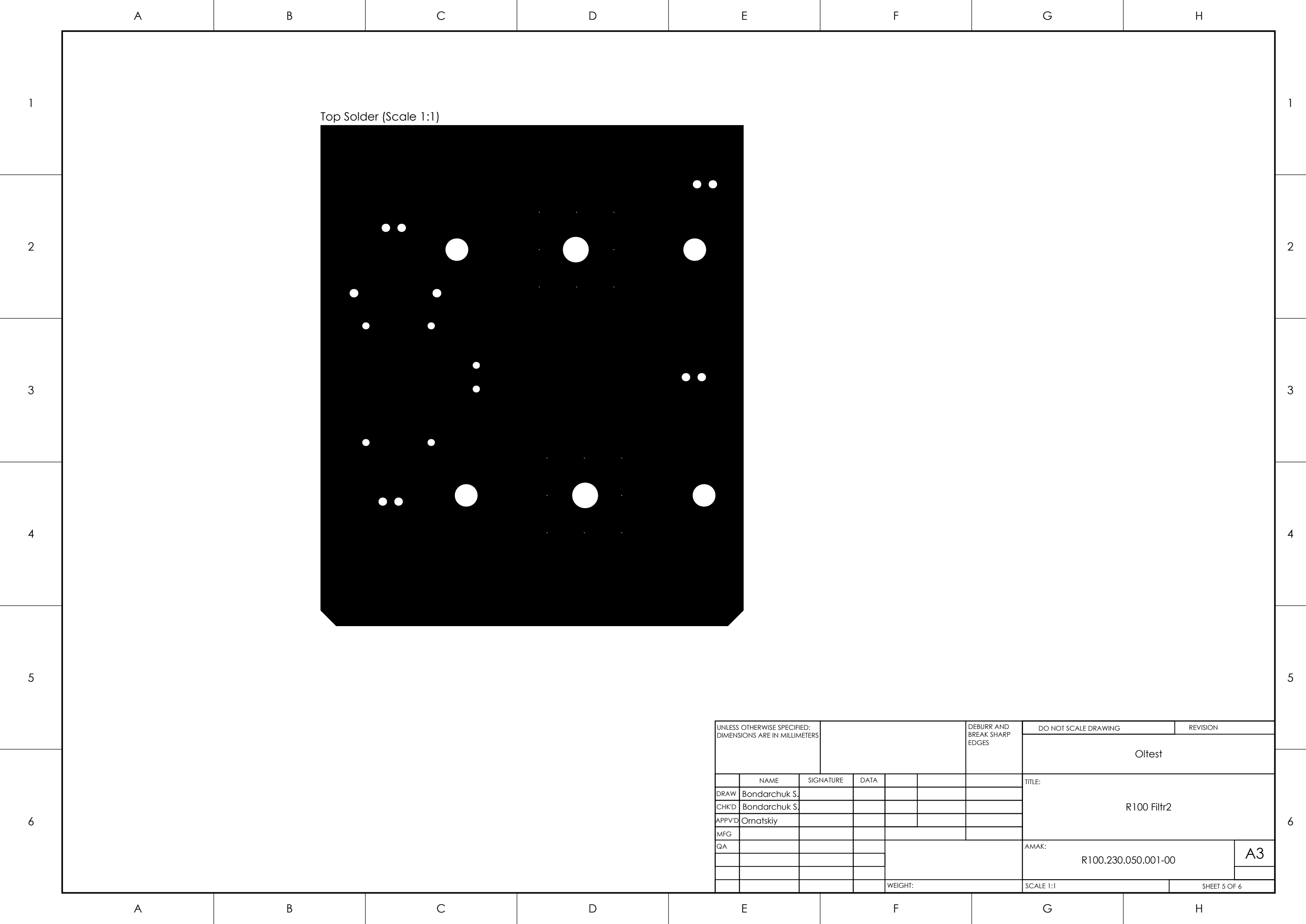
H

Bottom (Scale 1:1)

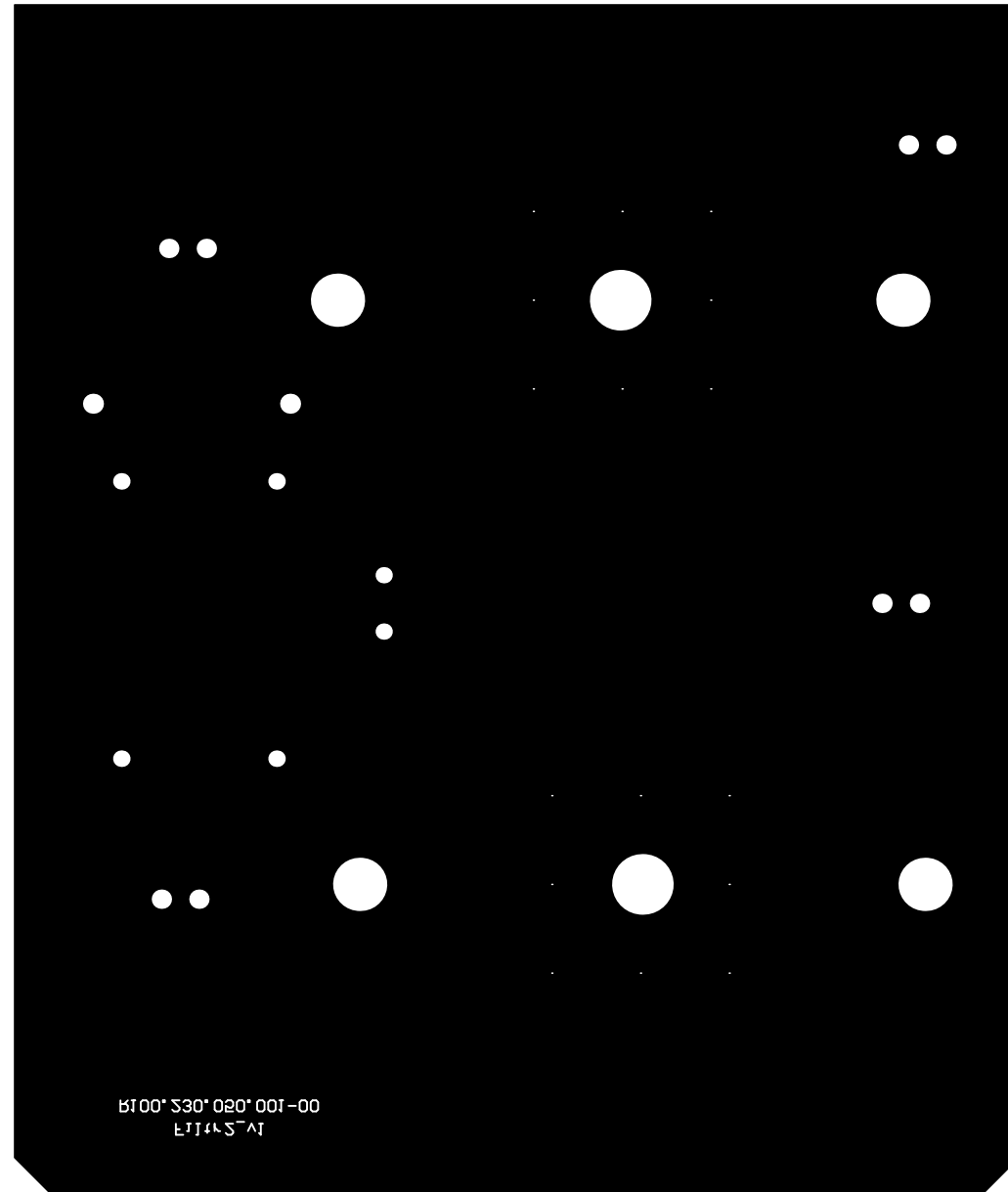


UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS						DEBURR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING	REVISION
							Oltest	
	NAME	SIGNATURE	DATA				TITLE: R100 Filtr2	
DRAW	Bondarchuk S.							
CHK'D	Bondarchuk S.							
APPV'D	Ornatskiy							
MFG							AMAK: R100.230.050.001-00	
QA								
							A3	
						WEIGHT:	SCALE 1:1	SHEET 3 OF 6

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS						DEBURR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING		REVISION		
Oltest											
	NAME	SIGNATURE	DATA				TITLE: R100 Filtr2				
DRAW	Bondarchuk S.										
CHK'D	Bondarchuk S.										
APPV'D	Ornatskiy										
MFG											
QA							AMAK:				A3
							R100.230.050.001-00				
				WEIGHT:			SCALE 1:1		SHEET 4 OF 6		



Bottom Solder (Scale 1:1)



BT 00° 530° 020° 00J -00
EJ J45-AJ

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS						DEBURR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING		REVISION		
							Oltest				
	NAME	SIGNATURE	DATA				TITLE: R100 Filtr2				
DRAW	Bondarchuk S.										
CHK'D	Bondarchuk S.										
APPV'D	Ornatskiy										
MFG											
QA							AMAK: R100.230.050.001-00				A3
				WEIGHT:			SCALE 1:1		SHEET 6 OF 6		