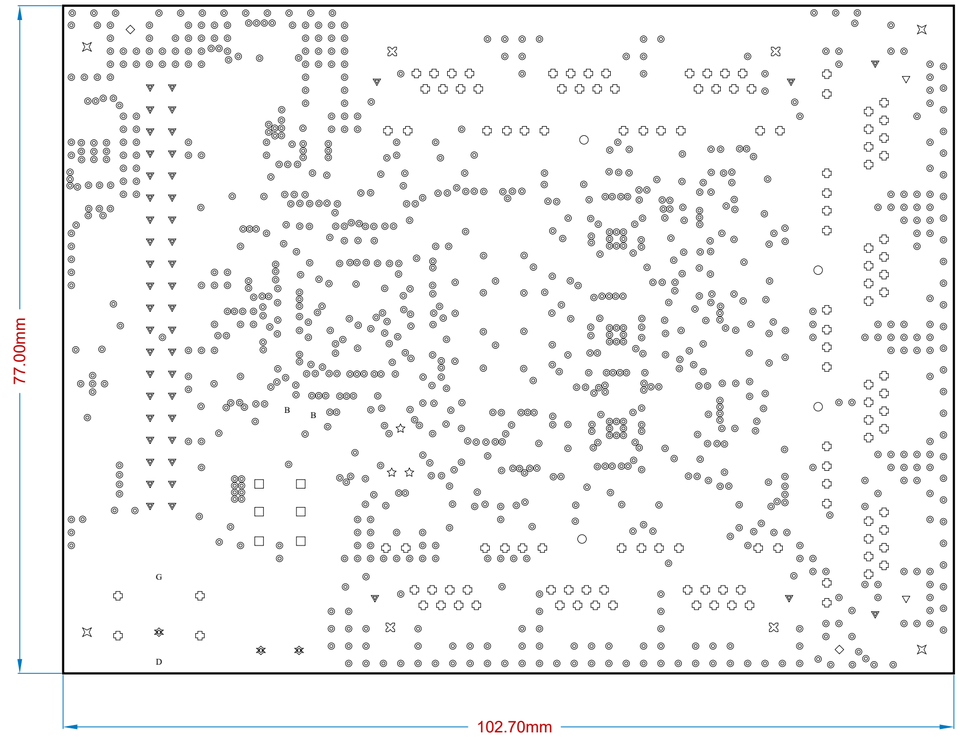
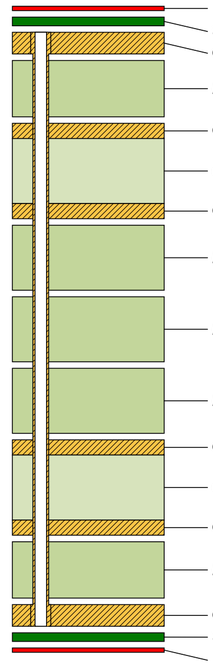


Drill Table

Symbol	Count	Hole Size	Plated	Hole Tolerance
◎	978	0.30mm	Plated	
✱	3	0.70mm	Plated	
✪	124	0.90mm	Plated	
☆	3	1.00mm	Non-Plated	
▽	46	1.10mm	Plated	
B	2	1.20mm	Plated	
G	1	1.50mm	Plated	
○	4	1.60mm	Plated	
D	1	1.70mm	Non-Plated	
□	6	1.70mm	Plated	
◇	2	2.00mm	Non-Plated	
⌑	4	2.80mm	Plated	
⊠	4	3.20mm	Non-Plated	
▽	2	3.25mm	Non-Plated	
	1180 Total			

Stack-up Legend



Material	Layer	Thickness	Type	Gerber
	Top Overlay		Legend	GTO
Surface Material	Top Solder	0.020mm	Solder Mask	GTS
Copper	Top Layer	0.050mm	Signal	GTL
Prepreg		*0.130mm*	*Dielectric*	
CF-004	Layer 2	0.035mm	Signal	G1
Core		*0.200mm*	*Dielectric*	
CF-004	Layer 3	0.035mm	Signal	G2
Prepreg		*0.200mm*	*Dielectric*	
Prepreg		*0.200mm*	*Dielectric*	
Prepreg		*0.200mm*	*Dielectric*	
CF-004	Layer 4	0.035mm	Signal	G3
Core		*0.200mm*	*Dielectric*	
CF-004	Layer 5	0.035mm	Signal	G4
Prepreg		*0.130mm*	*Dielectric*	
Copper	Bottom Layer	0.050mm	Signal	GBL
Surface Material	Bottom Solder	0.020mm	Solder Mask	GBS
	Bottom Overlay		Legend	GBO

Total thickness: 1.540mm

PCB Fabrication Notes

1. All materials shall be RoHS compliant and final product shall be accepted to use in RoHS assembly
2. Board shall be fabricated according to IPC-6012E Class 2 standard
3. Number of layers - 6
4. Board size - 102.7mm x 77mm. Tolerance - +/- 0.1mm
5. Board thickness - 1.54mm +/-10% (see stack-up data)
6. Material - FR-4 High Tg, cooper thickness is 35um (1oz) + plating (see stack-up data)
7. Stack-up data is shown for reference and may be changed with notification
8. Solder Mask shall be applied on two sides, PURPLE, liquid. Solder mask mis-registration +/-0.05mm. No overlap permitted on SMD lands. Solder Mask is in accordance with IPC-SM-840 D, Class H
9. Silkscreen - white, both sides
10. Type of finish - ENIG
11. Electrical test shall be performed on both sides
12. Min. plated hole size - 0.3mm
13. Min. annular ring - 0.15mm
14. Min. trace width/clearance - 0.125mm
15. Non-functional pads (NFP) shall be removed
16. This data also exists in CAD gerber format. In case of any discrepancies gerber data prevails.

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES:		FINISH:		DEBURR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING	REVISION 2.2	
	NAME	SIGNATURE	DATE		TITLE: RRRC V3 Carrier Board Fabrication Drawing		
DRAW	Y.Alshanik		12.06.24				
CHK'D	A.Kovalenko		12.06.24				
APPV'D							
MFG							
QA					MATERIAL:	DWG N0.	A2
					WEIGHT:	SCALE 2:1	SHEET 1 OF 1