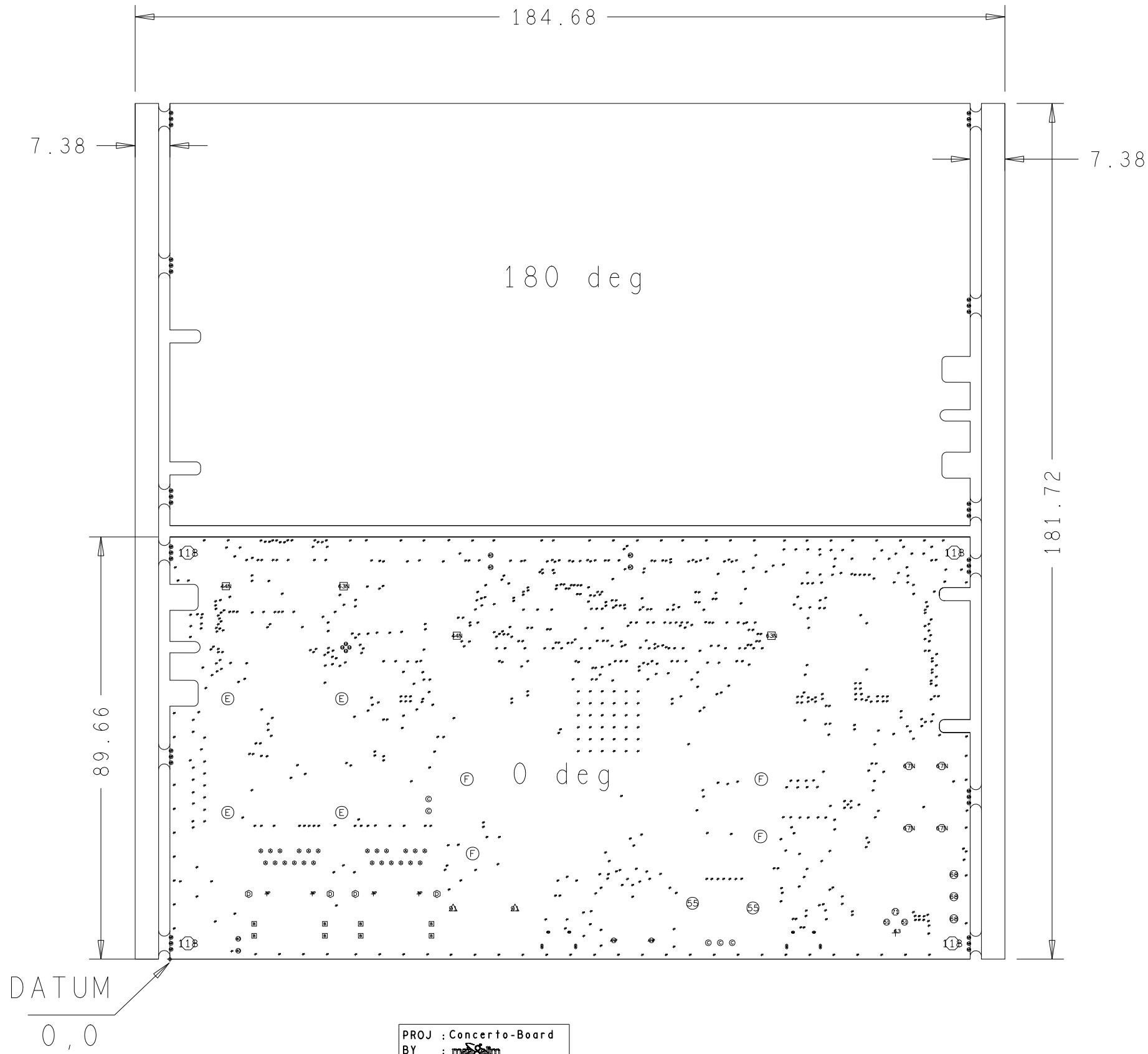



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

FABRICATION INSTRUCTIONS:

1. NUMBER OF LAYERS -06
2. BOARD THICKNESS - 1.6MM +/-10%
3. LAYER C.S AND P.S ARE 1.0 OZ FINISHED THICKNESS
4. MATERIAL - FR4 TG180
5. FINISH:IMMERSHION GOLD/SILVER/TIN
- 5a.RoHS COMPLITE
6. SOLDER MASK APPLY TO - C.S AND P.S
7. TYPE OF SOLDER MASK - PHOTO IMAGABLE, SMOBC
8. SOLDER MASK COLOR - GREEN
9. APPLY MARKING TO - C.S AND P.S
10. MARKING COLOR - WHITE
11. DRILL TAPE - FILE ATTACHED
12. MECHANICAL CUT DRAWING - GERBER DRILL FILE
13. ROUTE TOLERANCE +/- 0.15 MM
14. CONTROL IMPEDANCE YES (SEE ATTACH XLS/GERBER FILE)
15. COMPARE GERBER NETLIST WITH IPC-356 NETLIST
16. ALL PLATED THROUGH HOLES SHALL HAVE A COPPER THICKNESS ACCORDING TO IPC CLASS 2.
17. ALL HOLES SHALL LOCATE WITHIN +/- 0.003" DIAMETER OF THE TRUE POSITION.
18. ALL HOLES SURROUNDED BY LAND SHALL HAVE A MINIMUM ANNULAR RING OF 0.003".
19. ELECTROLESS NICKEL/GOLD (NI/AU) FINISH NI - MICRONS, AU - MICRONS.
20. APPLY SOLDER MASK OVER BARE COPPER. SOLDER MASK TO BE PER IPC-SM840.TYPE-A, CLASS 3.
21. SILKSCREEN USING WHITE EPOXY PERMANENT, ORGANIC, NON CONDUCTIVE INK.
22. THERE SHALL BE NO SILKSCREEN ON ANY SOLDERABLE COMPONENT PAD.
23. BBT TEST REQUIRED FOR SHORTS AND OPENS.
24. AUTOMATED OPTICAL INSPECTION OF ALL LAYERS IS REQUIRED.
25. TWIST AND BOW SHALL BE 0.75% MAX.
26. CONDUCTOR WIDTHS AND SPACING SHALL BE WITHIN +/- OF ARTWORK ORIGINALS.
27. BOARD SHALL MEET THE REQUIREMENTS OF UL796 WITH FLAMMABILITY RATION OF 94V-0. VENDORS UL LOGO SHALL BE PERMANENTLY INSERTED ON THE BOARD.
28. FABRICATION IN ACCORDANCE WITH IPC-6012, CLASS 2, PER IPC-6011.
29. BOARD SHALL BE FREE FROM FIBERGLASS DUST OR ANY OTHER FOREIGN MATERIAL.
30. PCB MUST BE FABRICATED AS PER LAYER STACKUP PROVIDED SEE: 6L\_14\_1\_19\_v1.pdf
31. TEADROPS ADDED TO VIA PADS ON SIGNAL LAYERS TO IMPROVE YIELD. MAINTAINING CURRENT LINE WIDTH AND SPACING.

DRILL CHART: TOP to BOTTOM				
ALL UNITS ARE IN MILS				
FIGURE	FINISHED_SIZE	TOLERANCE_DRILL	PLATED	QTY
•	10.0	+2.0/-2.0	PLATED	897
•	12.0	+2.0/-2.0	PLATED	4
•	35.43	+2.0/-2.0	PLATED	24
•	40.0	+3.0/-3.0	PLATED	6
•	40.16	+3.0/-3.0	PLATED	8
•	47.24	+3.0/-3.0	PLATED	5
•	51.0	+3.0/-3.0	PLATED	2
⊗	55.0	+3.0/-3.0	PLATED	2
•	61.81	+3.0/-3.0	PLATED	4
•	63.0	+3.0/-3.0	PLATED	1
•	68.0	+3.0/-3.0	PLATED	3
•	71.0	+3.0/-3.0	PLATED	1
▲	91.0	+3.0/-3.0	PLATED	2
⊗	102.36	+3.0/-3.0	PLATED	4
⊗	106.3	+3.0/-3.0	PLATED	4
⊗	118.0	+3.0/-3.0	PLATED	4
•	31.5	+4.0/-2.0	NON-PLATED	36
•	39.4	+3.0/-3.0	NON-PLATED	2
■	44.0	+3.0/-3.0	NON-PLATED	2
■	63.0	+3.0/-3.0	NON-PLATED	2
•	67.0	+3.0/-3.0	NON-PLATED	4
•	127.95	+3.0/-3.0	NON-PLATED	4
•	25.6x19.7	+2.0/-2.0	PLATED	4
•	19.7x39.4	+2.0/-2.0	PLATED	4



PROJ : Concerto-Board  
BY :   
REV : 1.2  
LAYER: DRILL  
DATE : 22/07/19

UNLESS OTHERWISE SPECIFIED		SIGNATURES		DATE	VARISCITE		
DIMENSIONS ARE IN INCHES TOLERANCES ON: 2 PL DECIMALS . 3 PL DECIMALS . ANGLES . FRACTIONS .		DRAWN	MA 'AGAL IM	22/07/19			
		CHECKED					
		ENGRG					
		ISSUED					
MA 'AGAL IM LTD 22 Maskit St. Herzelia Pituach Israel					VPC0339 Concerto-Board V1_2 DRILLING INFORMATION FOR P.C. BOARD		
		SIZE	D	FSCM NO	DWG NO		
		SCALE	1:1			SHEET 1 of 1	