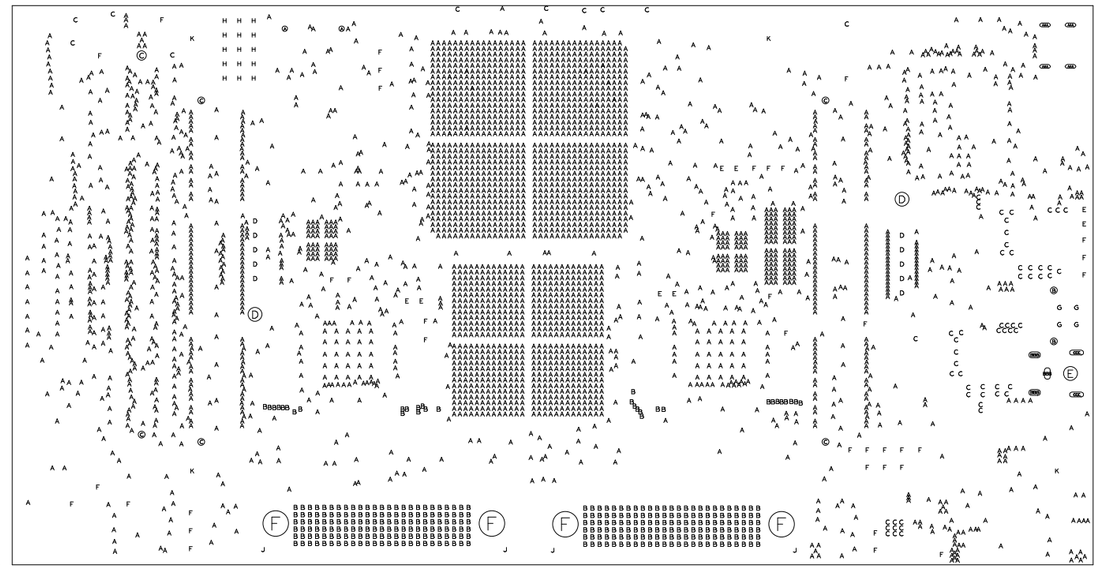
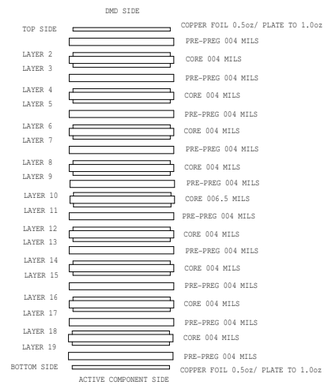
DRILL CHART: TOP to BOTTOM				
ALL UNITS ARE IN MILS				
FIGURE	SIZE	TOLERANCE	PLATING	QTY
A	8.0	+3.0/-3.0	PLATED	3563
B	10.0	+3.0/-3.0	PLATED	332
C	12.0	+3.0/-3.0	PLATED	67
D	32.0	+3.0/-3.0	PLATED	10
E	36.0	+3.0/-3.0	PLATED	8
G	40.0	+2.0/-2.0	PLATED	4
F	40.0	+3.0/-3.0	PLATED	37
H	41.0	+3.0/-3.0	PLATED	15
J	66.0	+3.0/-3.0	PLATED	4
K	140.0	+3.0/-3.0	PLATED	4
Ⓐ	39.0	+3.0/-3.0	NON-PLATED	2
Ⓑ	40.0	+2.0/-2.0	NON-PLATED	2
Ⓒ	44.0	+3.0/-3.0	NON-PLATED	5
Ⓒ	64.0	+3.0/-3.0	NON-PLATED	1
Ⓓ	95.0	+3.0/-3.0	NON-PLATED	2
Ⓔ	96.0	+2.0/-2.0	NON-PLATED	1
Ⓕ	180.0	+10.0/-10.0	NON-PLATED	4
AAA	75.0x27.0	+2.0/-2.0	PLATED	4
ⓇⓇ	80.0x40.0	+2.0/-2.0	PLATED	1
BBB	80.0x40.0	+2.0/-2.0	PLATED	2
CCC	96.0x32.0	+2.0/-2.0	PLATED	2





TOTAL BOARD THICKNESS 0.100 MILS

THIS PRODUCT MUST BE RoHS COMPLIANT. VENDORS MUST FOLLOW DIRECTIVE 2002/95/EC OF THE EUROPEAN PARLIAMENT, ALSO KNOWN AS THE "RoHS DIRECTIVE".

NOTES:

1. ALL FABRICATION ITEMS MUST MEET OR EXCEED BEST INDUSTRY PRACTICE. IPC-A-600C (COMMERICAL STD.).
2. FABRICATOR AND ASSEMBLER MUST FOLLOW IPC-1066 FOR ALL MARKING AND LABELING.
3. LAMINATE MATERIAL: POLYCLAD PC-FR-370HR OR ISOLA IS410 MATERIAL.
4. FINISHED THICKNESS: 0.100 +/- 0.007
5. SOLDERMASK BOTH SIDES: RED
6. APPLY WHITE LPI SILKSCREEN TO BOTH SIDES PER ARTWORK.
7. MAXIMUM WARP AND TWIST TO BE 0.005 INCH PER INCH.
8. LAYERS 3,5,7,9,12,14 AND 16 HAVE 100ohm %5 DIFF PAIR AND USE THE FOLLOWING: 4.01MIL TRACE WITH 10MIL SPACE.
9. LAYERS TOP,3,5,7,9,12,14,16 AND BOTTOM HAS 50ohm 5% SINGLE ENDED ROUTING AND USE THE FOLLOWING: 3.99 TRACE WIDTH.
10. CHANGE ALL 8 AND 10MIL VIAS TO DIRECT PLANE CONNECTIONS.
11. BOARD TO BE FINISHED ENIG. 100-150 NICKEL and 3-5 GOLD
12. BY DESIGN ALL SIGNALS ARE 50ohms. EXCEPTIONS: PWR NETS, DIFF PAIRS, BGA FANOUTS AND DMD FANOUTS.

APPROVED		DIGITAL LIGHT INNOVATIONS	
CHECKED		FABRICATION DRAWING	
DRAFTING		D4100 (2510300)	
DATE 04/12/2016	ENGR	REV D	
DESIGN ENGR	TOLERANCES UNLESS OTHERWISE SPECIFIED		
PROJECT ENGR	X.XX ± 0.01 X.XXX ± 0.005 ANGLES ± 1/2°	SCALE NONE	SIZE D
ENGR MGR		SHEET 1 OF 1	
NEXT ASSEMBLY	DO NOT SCALE DRAWING		