NOTES: UNLESS OTHERWISE SPECIFIED.

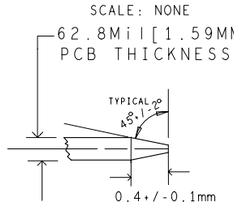
1. FABRICATE PER IPC-6012A CLASS 2.

   DIELECTRIC: FR4ISOLA_FR408HR/FR4_ITEQ IT168G.
   COPPER: AS PER STACKUP.
   U.L. RATING: 94V-0 MINIMUM

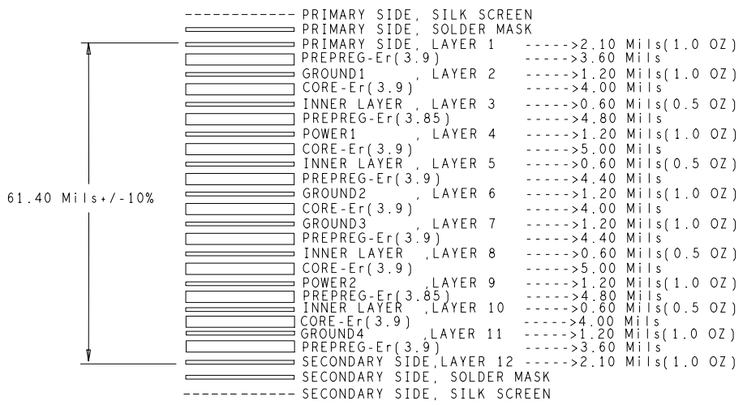
3. SURFACE FINISH: ENIG

4. SOLDER MASK MATERIAL SHALL MEET ALL THE REQUIREMENTS OF IPC-SM-840C AND SHALL BE GREEN IN COLOR AND APPLIED OVER BARE COPPER.
5. SILK SCREEN LEGEND TO BE APPLIED PER LAYER STACKUP USING WHITE NON-CONDUCTIVE EPOXY INK.
6. 100% CONTINUITY TESTING USING DATABASE NETLIST SHALL BE PERFORMED, VENDOR TO IDENTIFY TEST PASSED IN SECONDARY SIDE.
7. VENDOR TO MARK DATE CODE AND LOGO IN ETCH OR IN LEGEND.
8. BOW AND TWIST SHALL NOT EXCEED 0.7% OF LONGEST SIDE .
9. DIELECTRICS AND LINEWIDTHS MAY BE ADJUSTED TO MEET THE IMPEDANCE REQUIREMENTS.
10. MINIMUM CONDUCTOR WIDTH:3.5 MILS
    MINIMUM SPACING:4.0 MILS
11. THE PCB EDGE NEAR AMC CONNECTOR EDGE SHOULD BE AS SHOWN IN THE BELOW FIG.

SCALE: NONE

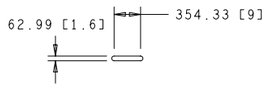


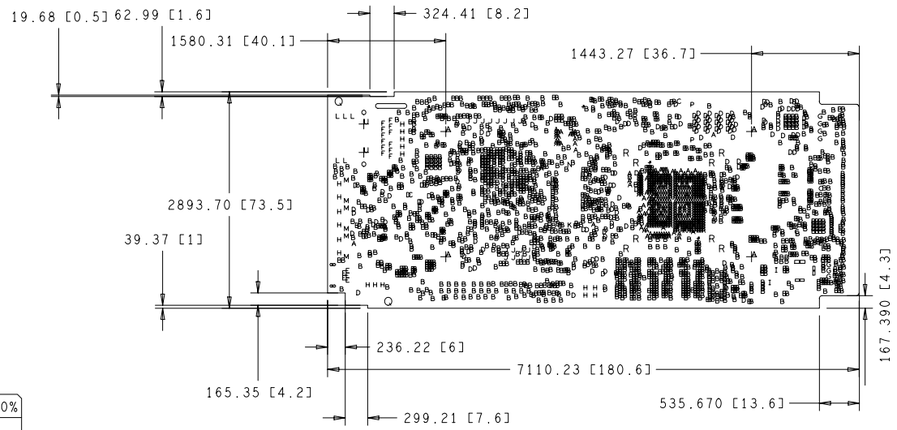
12-LAYER STACK BUILD



CAUTION
SENSITIVE ELECTRONIC DEVICES-CLASS 1

12. NONPLATED SLOT DETAILS AS SHOWN BELOW FIG,





SINGLE ENDED IMPEDANCE

LAYER NO	CONDUCTOR WIDTH	REFERENCE LAYER	IMPEDANCE +/- 10%
1 & 12	5.0 MIL	2 & 11	50 OHMS
3 & 10	4.0 MIL	2 & 11	50 OHMS
5	4.5 MIL	6	50 OHMS
8	4.5 MIL	7	50 OHMS

DIFFERENTIAL IMPEDANCE

LAYER NO	CONDUCTOR WIDTH	SPACING	REFERENCE LAYER	IMPEDANCE+/-10%
1 & 12	7.0 MIL	10.0MIL	2 & 11	90 OHMS
1 & 12	4.0 MIL	6.0 MIL	2 & 11	100 OHMS
3 & 10	3.5 MIL	5.0 MIL	2 & 11	100 OHMS
5 & 8	4.0 MIL	6.0 MIL	6 & 7	100 OHMS

COMPANY NAME :eINFOCHIPS LIMITED
DATE:MAY 06,2012 JOB NUMBER:EINF4567A
DESIGNED BY:eINFOCHIPS LIMITED
PART NO/CARD REF: TMDSEVM6657 REV -02
FILM LAYER:FABRICATION DRAWING

DRILL CHART: TOP to BOTTOM
ALL UNITS ARE IN MILS

FIGURE	SIZE	TOLERANCE	PLATED	QTY
A	8.0	+3.0/-3.0	PLATED	526
B	10.0	+3.0/-3.0	PLATED	2109
C	14.0	+3.0/-3.0	PLATED	4
D	15.0	+3.0/-3.0	PLATED	169
E	28.0	+3.0/-3.0	PLATED	5
F	35.0	+3.0/-3.0	PLATED	12
G	38.0	+3.0/-3.0	PLATED	7
H	40.0	+3.0/-3.0	PLATED	18
I	42.0	+3.0/-3.0	PLATED	2
J	45.0	+3.0/-3.0	PLATED	16
K	47.0	+3.0/-3.0	PLATED	1
L	50.0	+3.0/-3.0	PLATED	5
M	51.0	+3.0/-3.0	PLATED	6
N	53.0	+3.0/-3.0	PLATED	1
O	62.0	+3.0/-3.0	PLATED	2
P	87.0	+3.0/-3.0	PLATED	2
Q	106.0	+3.0/-3.0	PLATED	2
R	125.0	+3.0/-3.0	PLATED	8
*	51.0	+2.0/-2.0	NON-PLATED	2
*	64.0	+2.0/-2.0	NON-PLATED	2
⊣⊢	130.0	+2.0/-2.0	NON-PLATED	2
⊣⊢	138.0	+2.0/-2.0	NON-PLATED	4
⊂⊃	75.0x28.0	+3.0/-3.0	PLATED	2
▯	30.0x120.0	+3.0/-3.0	PLATED	1
▭	120.0x30.0	+3.0/-3.0	PLATED	1
▭	140.0x40.0	+3.0/-3.0	PLATED	1

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN ☐ INCHES ☒ MILLIMETERS

eINFOCHIPS LIMITED

FABRICATION DRAWING
TMDSEVM6657

DATE
MAY06,2012

SIZE B | PART NUMBER:TMDSEVM6657 | REV 02

SCALE 1/1 | SHEET 1 OF 1

8 7 6 5 4 3 CAD DATA 2 DO NOT MANUALLY 1 UPDATE