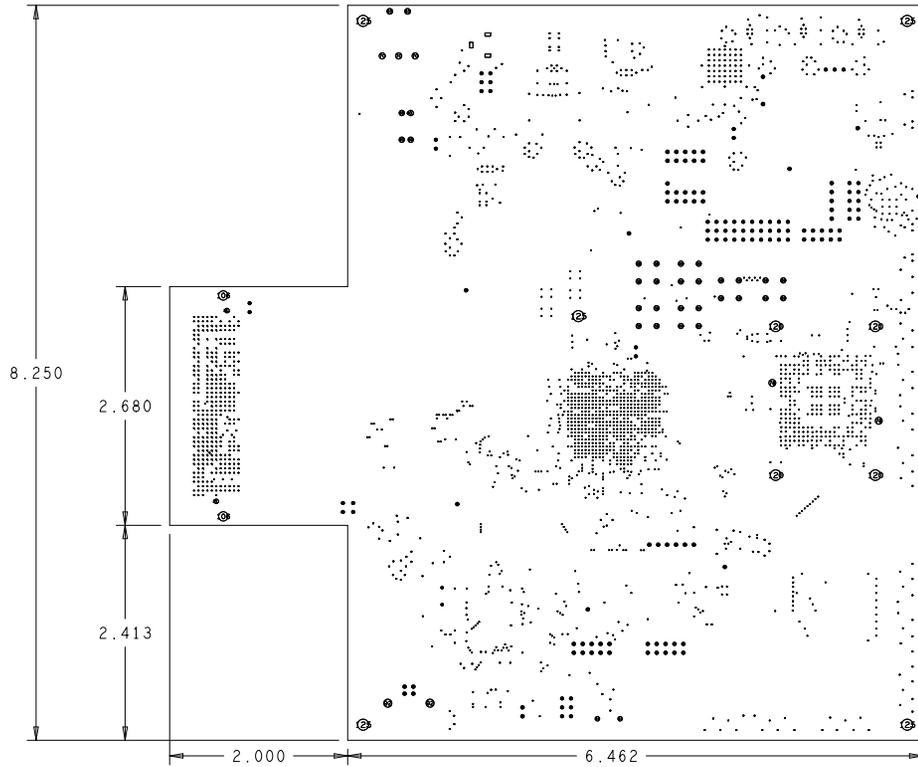
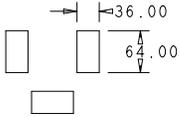


FAB NOTES:

1. MATERIAL: NP 4000-6 UL 94V-0.
TOTAL MATERIAL THICKNESS OVER MASK: .062 INCHES +/- 10%
COPPER WEIGHT: SEE STACKUP REPORT P22339A
2. NUMBER OF LAYERS: 10
3. COPPER PLATE HOLES WITH A MINIMUM OF .001 INCHES.
4. FINISH: HARD (ELECTROLYTIC) NICKEL(150 MICRO INCHES) & GOLD BODY(20-30 MICRO INCHES) PLATED OVER COPPER SURFACE.
5. GREEN SOLDERMASK BOTH SIDES WITH LIQUID PHOTO IMAGEABLE SOLDER MASK (LPI).
SOLDERMASK MAY BE MODIFIED TO HELP PREVENT BRIDGING ON FINE PITCH DEVICES.
6. SILKSCREEN BOTH SIDES WITH WHITE EPOXY NON CONDUCTIVE INK.
SILKSCREEN MAY BE TRIMMED OFF ANY SOLDERED ENTITY.
7. VENDOR MAY REMOVE ALL NON FUNCTIONAL PADS FROM THE INTERNAL SIGNAL LAYERS.
FREE FROM ANY METAL ENTITY.
8. LOCATE VENDOR MARKINGS AND DATE CODE ON BOTTOM SOLDER SIDE (OR BOTTOM SOLDERMASK).
9. IMPEDANCE CONTROL SHALL BE AS FOLLOWS:
A. SEE STACKUP REPORT P22339A
- VENDOR MAY MODIFY TRACE WIDTH AND DIELECTRIC HEIGHTS BY 20% WITHOUT WRITTEN APPROVAL.
10. BARE BOARD ELECTRICAL TEST TO BE DONE WITH REFERENCE TO SUPPLIED NETLIST XXXXX.TXT.
11. IMPEDANCE REPORT, TEST CERTIFICATION AND CROSS SECTION REPORT TO ACCOMPANY EVERY LOT SHIPPED.
12. PROVIDE LEAD FREE SYMBOL ON PCB.
13. COPPER THIEVING PATTERN MAY BE ADDED ON LAYERS 1 AND 10 FOR PLATING UNIFORMITY.
14. BOARD MUST HAVE RHIS CERTIFICATE.

J12 SLOT DIMENSIONS



LAYER INDICATOR

DRILL CHART: TOP to BOTTOM
ALL UNITS ARE IN MILS

FIGURE	SIZE	TOLERANCE	PLATED	QTY
-	9.84	+3.94/-3.94	PLATED	351
-	10.0	+3.0/-3.0	PLATED	1328
-	13.0	+3.0/-3.0	PLATED	489
-	31.0	+3.0/-3.0	PLATED	2
-	36.0	+3.0/-3.0	PLATED	67
-	37.0	+3.0/-3.0	PLATED	10
-	40.0	+3.0/-3.0	PLATED	68
-	51.0	+3.0/-3.0	PLATED	2
-	59.0	+3.0/-3.0	PLATED	24
-	60.0	+3.0/-3.0	PLATED	3
-	60.0	+3.0/-3.0	PLATED	1
-	65.0	+3.0/-3.0	PLATED	2
-	70.0	+3.0/-3.0	PLATED	3
-	92.0	+3.0/-3.0	PLATED	2
⊙	106.0	+3.0/-3.0	PLATED	2
⊙	120.0	+5.0/-5.0	PLATED	4
⊙	125.0	+125.0/-125.0	PLATED	5
•	51.0	+3.0/-3.0	NON-PLATED	2
•	78.0	+1.0/-1.0	NON-PLATED	2
□	64.0x36.0	+5.0/-5.0	PLATED	2
□	64.0x36.0	+5.0/-5.0	PLATED	1