

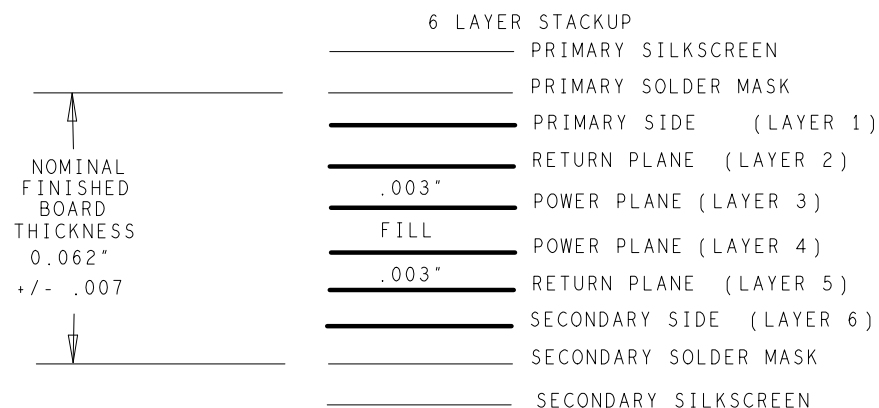
| FINISHED HOLES IN MILS |       |            |     |                 |
|------------------------|-------|------------|-----|-----------------|
| ALL UNITS ARE IN MILS  |       |            |     |                 |
| FIGURE                 | SIZE  | PLATED     | QTY | TOLERANCE/NOTES |
| +                      | 10.0  | PLATED     | 111 |                 |
| □                      | 13.0  | PLATED     | 16  |                 |
| △                      | 16.0  | PLATED     | 168 |                 |
| ◇                      | 20.0  | PLATED     | 172 |                 |
| ▣                      | 28.0  | PLATED     | 120 |                 |
| ◆                      | 40.0  | PLATED     | 43  |                 |
| ⊙                      | 45.0  | PLATED     | 15  |                 |
| ◎                      | 50.0  | PLATED     | 12  |                 |
| ◈                      | 63.0  | PLATED     | 16  |                 |
| ⊗                      | 63.0  | NON-PLATED | 1   |                 |
| ⊕                      | 71.0  | NON-PLATED | 1   |                 |
| ⊠                      | 160.0 | NON-PLATED | 6   |                 |


NOTES: MATERIALS; MANUFACTURE TO MEET EU RoHS DIRECTIVE, ALL MATERIAL,  
(INCLUDING SOLDERMASK) REFER TO EU RoHS DIRECTIVE 20002/95/EC.  
LAMINATE & RESIN MATERIALS; Tg>170C. Td>310c  
ACCEPTABLE MATERIALS; NELCO N4000-11, NELCO N40000-29, ISOLA IS410,  
POLYCLAD 370 HR, FR4-08.  
CLADDING; EXTERNAL LAYERS 1/2 OZ. COPPER, OVERPLATE TO 1 1/2 OZ.  
INTERNAL SIGNAL LAYERS 1 OZ. COPPER.  
INTERNAL PLANE LAYERS 1 OZ. COPPER.  
SOLDER MASK; SHALL BE LIQUID PHOTOIMAGABLE (LPI) APPLIED ON BOTH SIDES OVER  
BARE COPPER AND SHALL MEET IPC-SM-840 (LATEST REV.) CLASS 3.  
SILK SCREEN; SHALL BE PERMANENT NON-CONDUCTIVE EPOXY INK, COLOR WHITE.  
U.L. RATING; 94VO MINIMUM.  
FINISH; SILVER IMMERSION.

- FABRICATION:
1. REFER TO IPC-4101B/99 SERIES (LATEST REV.), CLASS 2 FOR FABRICATION UNLESS OTHERWISE SPECIFIED.
  2. UNDIMENSIONED HOLES TO BE LOCATED WITHIN +/- .005 OF THEIR TRUE POSITION WITH RESPECT TO ARTWORK.
  3. PLATED HOLE WALL THICKNESS SHALL NOT BE LESS THAN .001 INCH MINIMUM AVERAGE, WITH NO READING LESS THAN .0008 BY CROSS SECTION.
  4. HOLE DIAMETERS APPLY AFTER PLATING.
  5. FINISHED CONDUCTOR WIDTHS SHALL NOT BE REDUCED FROM THE NOMINAL, INDICATED ON THE MASTER PATTERN, BY MORE THAN THE CONDUCTOR THICKNESS.
  6. MINIMUM DESIGN LINE WIDTH IS .008 INCH.
  7. MINIMUM DESIGN SPACING IS .008 INCH.
  8. BOARD/PANEL MUST MEET IPC-A-600 (LATEST REV.) CLASS 2 FOR FLATNESS.
  9. MFGR. TO LEGIBLY ETCH OR STAMP/SCREEN WITH PERMANENT NON-CONDUCTIVE INK ON SECONDARY SIDE IN A CLEAR AREA UNLESS OTHERWISE INDICATED;
    - A. U.L. CODE
    - B. DATE CODE (STAMP)
    - C. FLAMMABILITY RATING
    - D. MFGR. LOGO - DESIGNATED AREA.
    - E. SUCCESSFUL ELECTRICAL BOARD TEST.
    - F. LOT NUMBER - DESIGNATED AREA.
  10. NON-FUNCTIONAL PADS MAY BE REMOVED FROM INNER SIGNAL LAYERS AT MFGR. DISCRETION.
  11. IF PAD SIZES PROVIDED ARE NOT LARGE ENOUGH TO MAINTAIN ANNULAR RING REQUIREMENT, MFGR. MAY TEAR DROP PADS TO MAINTAIN ANNULAR RING AT PAD TO CIRCUIT INTERFACE ONLY AND MUST INSURE ELECTRICAL INTEGRITY.
  12. REPAIRS PER IPC-R-700 ARE ALLOWED.
  13. MODIFICATIONS TO THE ARTWORK, OTHER THAN THOSE DESCRIBED ON THE FABRICATION DRAWING, ARE NOT ALLOWED WITHOUT WRITTEN AUTHORIZATION.
  14. FILL VIA'S UNDER DUT, U1 & U601 NEED WITH NON-CONDUCTIVE EPOXY BEFORE FINAL PLATEING.

FIDUCIALS; TOP & BOTTOM ARE MIRRORED COPIES,  
( 300, 0 ), ( 600, 4250 ) & ( 3400, 4250 )

CHARACTERISTIC IMPEDANCE:  
50 OHM'S +/- 10% ARTWORK LINE WIDTH .0085"  
100 OHM DIFFERENTIAL ARTWORK LINE .005" TRACE / .005" SPACE



|  |                    |   |         |   |     |
|--|--------------------|---|---------|---|-----|
| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES                 |                    |  <b>ANALOG<br/>DEVICES</b> |         | HSC<br>DIVISION                           |     |
| DECIMALS FRACTIONS ANGLES<br>.XX -- .010 -- 1/32 -- .2<br>.XXX -- .005 |                    |   |         | 7910 TRIAD CTR DR<br>GREENSBORO, NC 27409 |     |
| ASSEMBLY   |                    | APPROVAL  | DATE    | TITLE                                     |     |
| MATERIAL   | DRAWN BY<br>D.M.L. | 10/16/09  |         | AD9265 CUST. EVAL BRD                     |     |
|  | DESIGNED           |   |         |   |     |
|  | CHECKED            |   |         |   |     |
| FINISH   | APPROVED           | SIZE  | FSCM NO | DRAWING NUMBER                            | REV |
|  | MFG. ENGINEER      | D   |         | 9265CE01A                                 | A   |
|  |                    |   |         |   |     |
| DO NOT SCALE DWG   |                    | SCALE 2/1   |         | SHEET 1 OF 1                              |     |