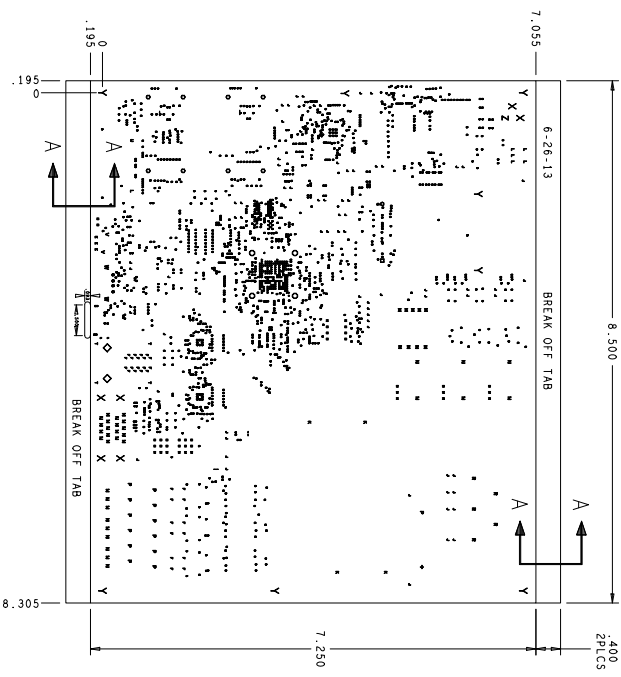


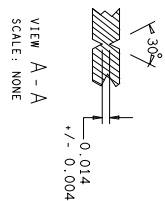
9. IMPEDENCE CONTROL. SEE CHART.
8. SURFACE FINISH SHALL BE IMMERSION GOLD.
7. FINISHED BOARD SHALL BE FREE OF BURRS ON EDGES.
6. DRG.'S MUST BE RUN ON THE GERBER'S BEFORE BUILDING BOARDS UNLESS PRIOR APPROVAL IS GIVEN IN WRITING.
5. PLATED THRU HOLE SIZE TOLERANCES SHALL BE +/- .003 INCH.
4. UNPLATED THRU HOLE SIZE TOLERANCES SHALL BE +/- .002 INCH.
3. SOLDERMASK ON BOTH SIDES OF THE BOARD SHALL BE 5 M.O.B.C., LPI, COLOR GREEN.
2. MINIMUM TRACE AND SPACE SHALL BE .004 OF AN INCH.
1. COPPER PLATED SURFACE CONDUCTORS SHALL BE THE EQUIVALENT OF 1 OZ. COPPER AFTER PLATING. PLANE LAYERS SHALL BE 1 OZ. COPPER. AVERAGE COPPER ON THE WALL OF THE PLATED HOLE SHALL BE PER IPC CLASS 2.
1. TOTAL BOARD THICKNESS SHALL BE .062 +/- .010 INCHES.
- ALL MATERIAL SHALL BE NEMA GRADE FR-4 OR EQUIVALENT, (TYP-170 DEG. C) VENDOR TO PROVIDE COMPLIANCE WITH UL 94-V RATING AND MARK ACCORDINGLY.

NOTES: UNLESS OTHERWISE SPECIFIED

IMPEDANCE CHART			
LAYERS	50 OHM SE	90 OHM DIFF	100 OHM DIFF
1.6	4 MIL TRACE	4.7 MIL TRACE	6.3 MIL SPACE
3	4 MIL TRACE	4.5 MIL TRACE	6.5 MIL SPACE
4	4 MIL TRACE		3.5 MIL TRACE 5.5 MIL SPACE



DRILL CHART			
ALL UNITS ARE IN MILS			
FIGURE	SIZE	PLATED	QTY
1	8.0	PLATED	173
2	10.0	PLATED	1571
3	12.0	PLATED	1
4	18.0	PLATED	25
5	34.0	PLATED	3
6	35.0	PLATED	30
7	36.0	PLATED	4
8	38.0	PLATED	37
9	40.0	PLATED	73
10	42.99	PLATED	4
11	43.0	PLATED	6
12	46.0	PLATED	9
13	47.0	PLATED	33
14	50.0	PLATED	1
15	50.0	PLATED	13
16	51.0	PLATED	5
17	62.0	PLATED	4
18	63.0	PLATED	1
19	67.0	PLATED	2
20	91.0	PLATED	2
21	120.0	PLATED	6
22	125.0	PLATED	8
23	140.0	PLATED	1
24	33.0	NON-PLATED	2
25	40.0	NON-PLATED	1
26	55.0	NON-PLATED	1
27	60.0	NON-PLATED	8
28	70.0	NON-PLATED	4
29	128.0	NON-PLATED	2



- TSLK
- SMC
- LAYER 1
- LAYER 2
- LAYER 3
- LAYER 4
- LAYER 5
- LAYER 6
- SMS
- BSLK

LAYER SCHEDULE

SPECTRUM DIGITAL			
DATE	6-26-13	CHECKED	SD
DESIGN NAME	AM335 x DATA CONCENTRATOR	DESIGNED BY	SD
PROJECT NAME	AM335 x DATA CONCENTRATOR	PROJECT NAME	AM335 x DATA CONCENTRATOR
DATE	6-26-13	SCALE	NONE
DESIGN NAME	AM335 x DATA CONCENTRATOR	SHEET	1 OF 1