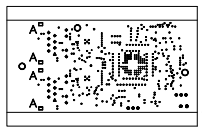

DRILL

DRILL CHART: TOP to BOTTOM				
ALL UNITS ARE IN MILS				
FIGURE	SIZE		PLATED	QTY
•	8.0		PLATED	106
•	10.0		PLATED	306
•	12.0		PLATED	2
•	20.0		PLATED	4
⊕	35.0		PLATED	6
◆	38.0		PLATED	22
▲	38.0		PLATED	2
▼	40.0		PLATED	1
◆	40.0		PLATED	1
□	64.0		PLATED	4
O	98.0		NON-PLATED	3
A	128.0		NON-PLATED	4

9. IMPEDENCE CONTROL:
   100 OHM DIFFERENTIAL +/-10% 4.1 MIL TRACE.
8. 5 MIL WIDTH TRACES TO BE CONTROLLED IMPEDANCE,50 OHMS SINGLE ENDED ON ALL ROUTING LAYERS.
7. SURFACE FINISH SHALL BE IMMERSION GOLD.
6. FINISHED BOARD SHALL BE FREE OF BURRS ON EDGES.
5. PLATED THRU HOLE SIZE TOLERANCES SHALL BE +/- .003 INCH.
   UNPLATED THRU HOLE SIZE TOLERANCES SHALL BE +/- .002 INCH.
4. SOLDERMASK ON BOTH SIDES OF THE BOARD SHALL BE S.M.O.B.C., LPI, COLOR GREEN.
3. MINIMUM TRACE AND SPACE SHALL BE .005 OF AN INCH.
2. 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 .001 INCH.
1. TOTAL BOARD THICKNESS SHALL BE .062 +/- .007 INCHES.
   ALL MATERIAL SHALL BE NEMA GRADE FR-4 OR EQUIVALENT. (Tg>=170 DEG. C)

NOTES: UNLESS OTHERWISE SPECIFIED

DATE	9-25-15
DESIGN ENGR	
PROJECT ENGR	
ENGR MGR	
NEXT ASSEMBLY	

APPROVED	
CHECKED	
DRAFTING	
ENGR	

TOLERANCES UNLESS OTHERWISE SPECIFIED
X.XX ± 0.01
X.XXX ± 0.005
ANGLES ± 1/2°
DO NOT SCALE DRAWING

SPECTRUM DIGITAL

FABRICATION DRAWING,
C2000-ET1100 ADAPTER BOARD

SCALE NONE
SHEET 1 OF 1

518081 REV B

CAM350/DFMSTREAM V 12.1 : Mon Sep 28 14:15:30 2015 - (Untitled)