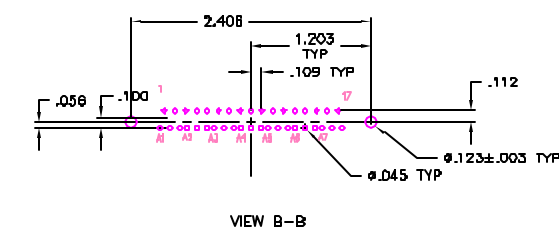
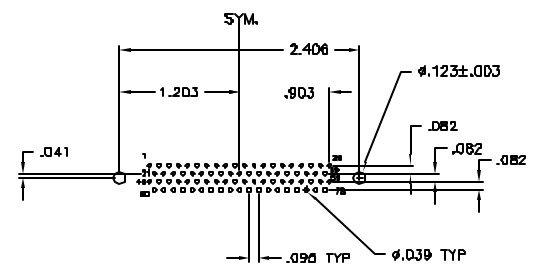
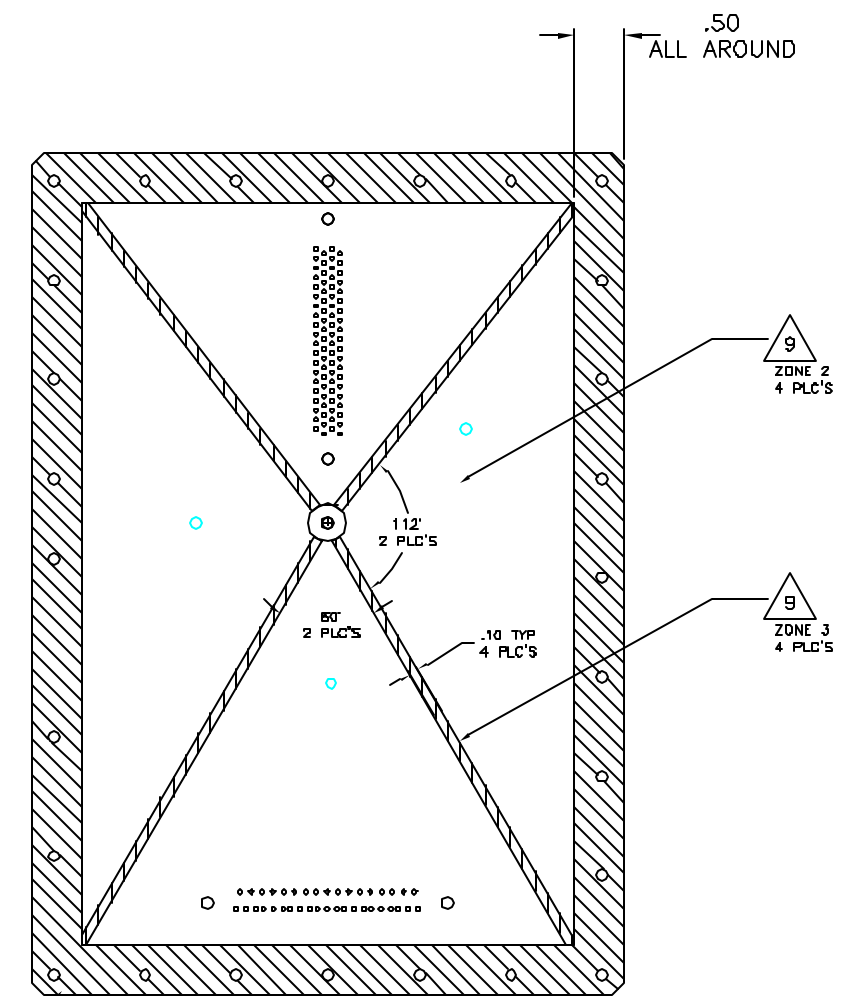
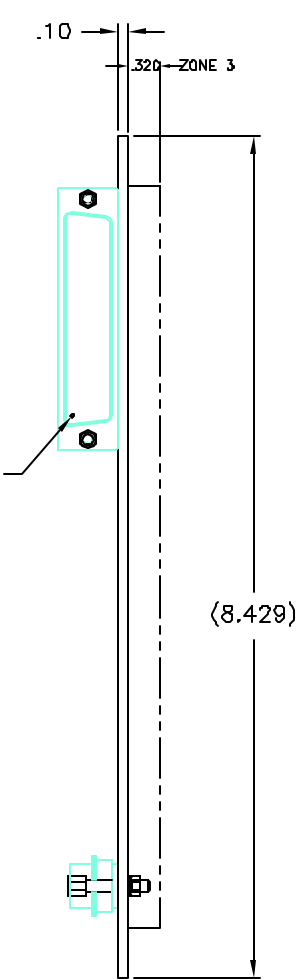
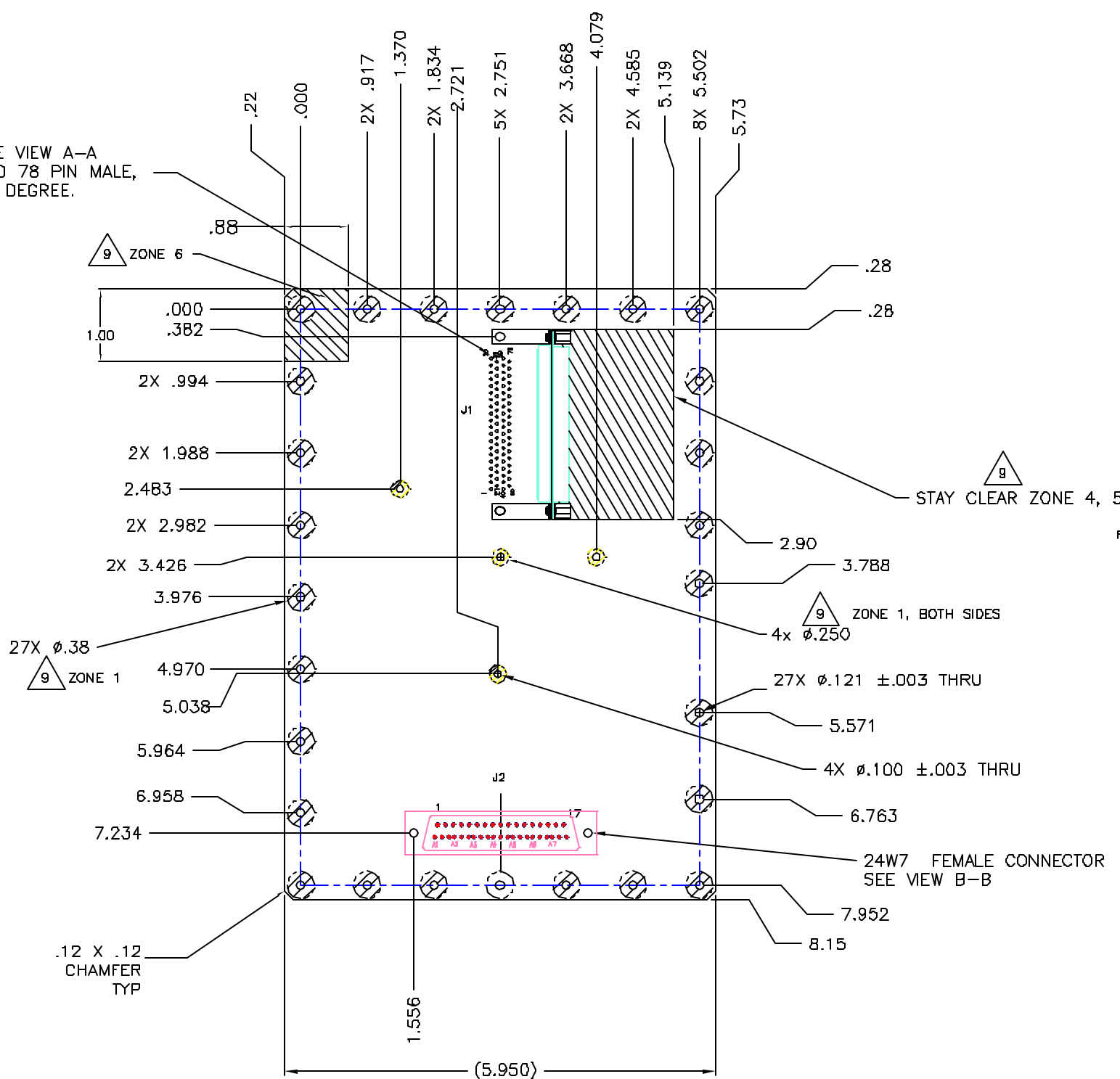


REVISIONS				
ECO	REV	DESCRIPTION	DATE	APPROVED
32-160	A	MAKE FROM 32-10201.01, REV B, CHG JZ HOLES. ADD 3 MTG HOLES		
32-170	B	ADD MISSING HOLE DIMENSIONS, AND ZONE 6 TO NOTE 9		
32-183	C	ADD MISSING OVERALL DIMENSIONS.	11/1/06	



SEE VIEW A-A  
SND 78 PIN MALE,  
90 DEGREE.



- NOTES:
- BOARD SHOWN FROM CONNECTOR SIDE.
  - UNTOLERANCED DIMENSIONS LOCATING TRUE POSITION ARE BASIC.
  - OVERALL THICKNESS INCLUDES PLATING.
  - HOLE SIZES ARE AFTER PLATING.
  - PRINTED WIRING BOARD PART NUMBER IS 32-10201.01
  - MANUFACTURING SHALL BE IAW IPC-6011 AND IPC-6012 (CLASS 3 LEVEL A)
  - DESIGN SHALL BE IAW IPC-2221 AND IPC-2222 (CLASS 3 LEVEL A)
  - MARKING SHALL INCLUDE AS A MINIMUM:
 

MARKING	OBTAINED FROM
MANUFACTURER'S NAME	PWB MANUFACTURER
MANUFACTURER'S PART NUMBER	PWB MANUFACTURER
MANUFACTURER'S LOT CODE	PWB MANUFACTURER
PWB PART NUMBER	32-10201.01
PWB REVISION	PWB PURCHASE ORDER
PWB NAME	ANALOG BOARD
ASSEMBLY PART NUMBER	32-10201 REV
CONNECTOR PIN DESIGNATION	THIS DRAWING
  - ZONE RESTRICTIONS:
    - ZONE 1: NO CONDUCTORS OR GROUND PLANE IN THIS AREA.
    - ZONE 2: MAXIMUM COMPONENT HEIGHT .32.
    - ZONE 3: MAXIMUM COMPONENT HEIGHT .10.
    - ZONE 4: NO COMPONENTS IN THIS AREA.
    - ZONE 5: NO TRACES ON TOP SURFACE IN THIS AREA.
    - ZONE 6: MAX COMPONENT HEIGHT ALLOWED IS .20"
  - ALL PLATED THROUGH HOLES TO BE FREE OF SOLDER MASK.
  - GROUND PLANE AND Vcc LAYER TO TERMINATE .050 MIN FROM BOARD EDGE.
  - SOLDER MASK MUST BE APPLIED OVER BARE COPPER.  
SOLDER MASK MUST BE .004 LARGER THAN PADS AND RECTANGLES.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE: ANGLES +/- 1° 3 PLACE DECIMALS +/- .005 2 PLACE DECIMALS +/- .01		NAME	DATE	Massachusetts Institute of Technology Center for Space Research CRATER
MATERIAL N/A		DRAWN M. SMITH	8/11/06	
FINISH N/A		CHECKED		ANALOG BOARD, OUTLINE DRAWING
APPLICATION		APPROVED		
NEXT ASSEMBLY	USED ON	RELEASED		SIZE D
		DWG NO. 32-10201.0101	REV C	SCALE 1:1
		SHEET 1 OF 1		