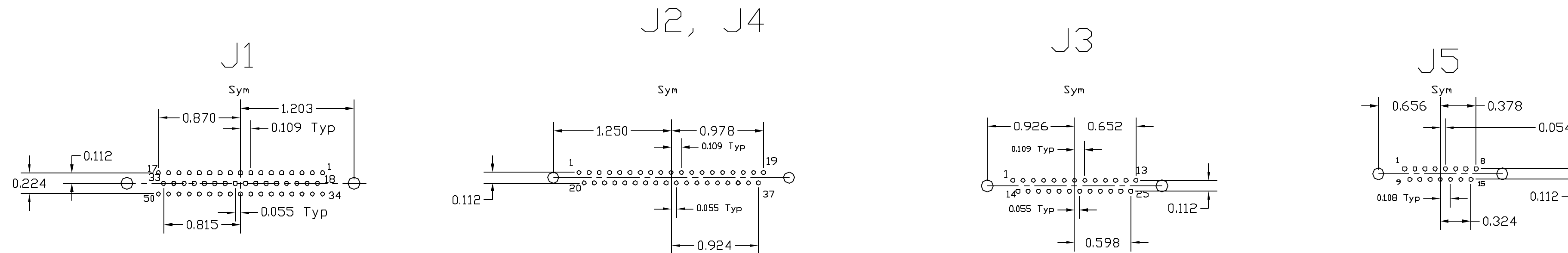


REVISIONS				
ECO	REV	DESCRIPTION	CHECKED	APPROVED DATE
B5-115	01	INITIAL RELEASE		M. Smith 6/18/04
B5-132	A	RELEASE		



NOTES:

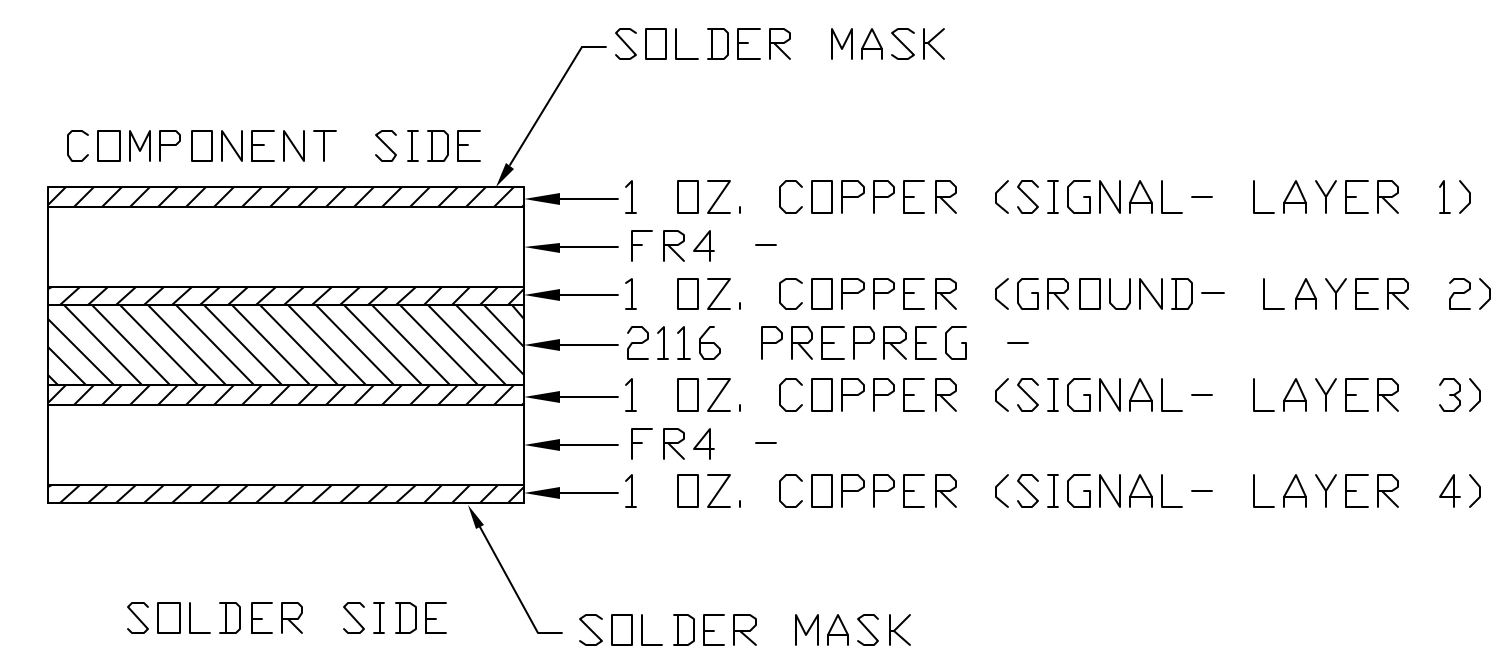
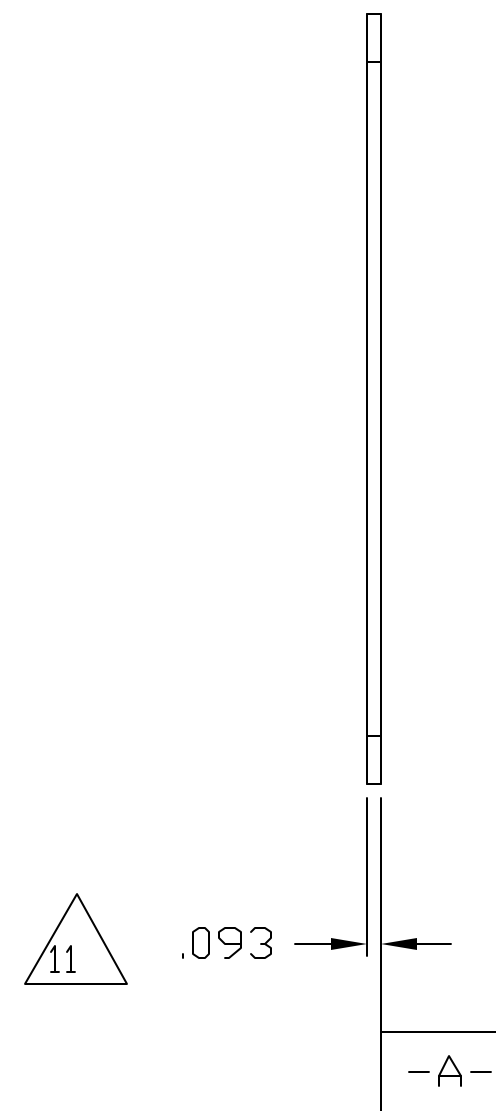
- 1.
2. UNTOLERANCED DIMENSIONS LOCATING TRUE POSITION ARE BASIC.
4. HOLE SIZES ARE AFTER PLATING.
5. PRINTED WIRING BOARD PART NUMBER IS 85-30324.01
6. DESIGN AND FABRICATION SHALL BE IAW IPC-2221 AND IPC-2222
7. SOLDER MASK MUST BE APPLIED OVER BARE COPPER, EXCEPT AS NOTED.

8 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	85-30324.01
PWB REVISION	PWB PURCHASE ORDER
PWA NAME	MIT Electronics Assy
ASSEMBLY PART NUMBER	85-30324 rev
CONNECTOR PIN DESIGNATION	THIS DRAWING

10. ALL PLATED THRU HOLES TO BE FREE OF SOLDER MASK.

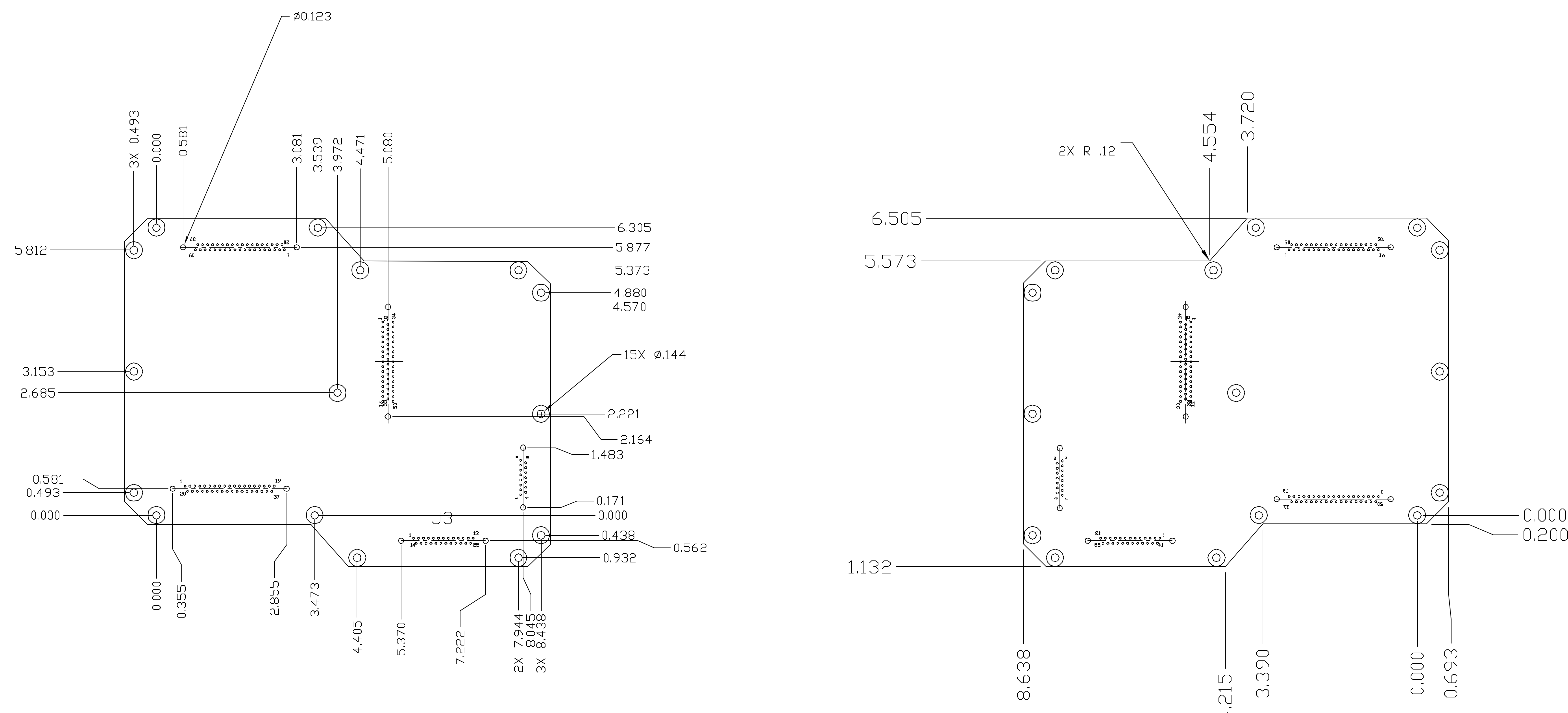
11 OVERALL THICKNESS INCLUDES PLATING.
VENDOR TO SUPPLY FR4 AND PREPREG THICKNESS AS BUILT.



LAYER ASSIGNMENTS

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 VOILA
85-30324	VOILA	M. SMITH	2/24/04	
MATERIAL FR4		CHECKED		OUTLINE PWB, MIT ELECTRONICS
FINISH N/A		APPROVED		
NEXT ASSEMBLY	USED ON	RELEASED		SIZE D
APPLICATION		CAD FILE		FSCM NO. 80230
				DWG NO. 85-30324.01
				REV A
				SCALE 1:1
				SHEET 1 OF 3

REVISIONS					
ECO	REV	DESCRIPTION	CHECKED	APPROVED	DATE
85-115	01	INITIAL RELEASE			
85-132	A	RELEASE			

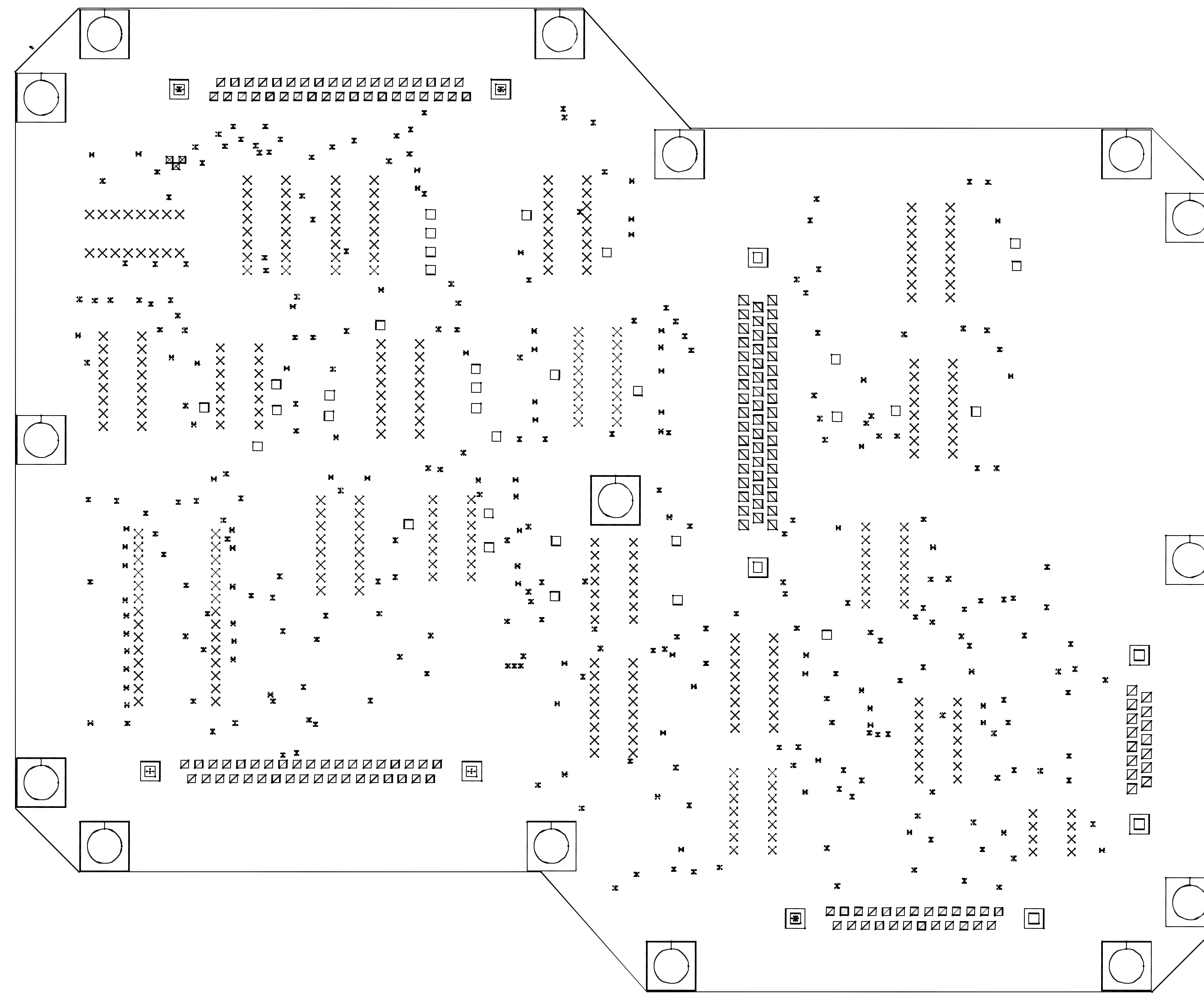


UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE: ANGLES +/- 1° 3 PLACE DECIMALS +/- .005 2 PLACE DECIMALS +/- .01		NAME	DATE	Massachusetts Institute of Technology Center for Space Research VOILA	
MATERIAL N/A		DRAWN M. SMITH	6/18/04	PWA, MIT ELECTRONICS	
FINISH N/A		CHECKED		SIZE D	
NEXT ASSEMBLY 85-30324		APPROVED		FSCM NO. 80230	
USED ON VOILA		RELEASED		DWG NO. 85-30324.01	
APPLICATION		CAD FILE	85-	SCALE 1:1	
				SHEET 2 OF 3	

REVISIONS					
ECO	REV	DESCRIPTION	CHECKED	APPROVED	DATE
85-115	01	INITIAL RELEASE			
85-132	A	RELEASE			

HOLE LEGEND				
SYM	DIA	TOL	PLATE	QTY
		$+.003 - .002$		
✕	.014DIA		YES	316
⊠	.025DIA		YES	3
✕	.034DIA		YES	312
□	.040DIA		YES	7
▣	.045DIA		YES	164
◻	.123DIA		YES	10
○	.144 DIA		YES	15

SOLDER MASK TO BE .004 LARGER THEN PADS
RECTANGLES AND .100 MIL ETCH ON TOP AND BOTTOM
WHITE SCREEN



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 VOILA	
85-30324	VOILA	M. SMITH	6/18/04	PWA, MIT ELECTRONICS	
MATERIAL N/A		CHECKED		SIZE D	
FINISH N/A		APPROVED		FSCM NO. 80230	
NEXT ASSEMBLY USED ON		RELEASED		DWG NO. 85-30324.01	
APPLICATION		CAD FILE	85-	REV A	
		SCALE	1:1	SHEET 3 of 3	