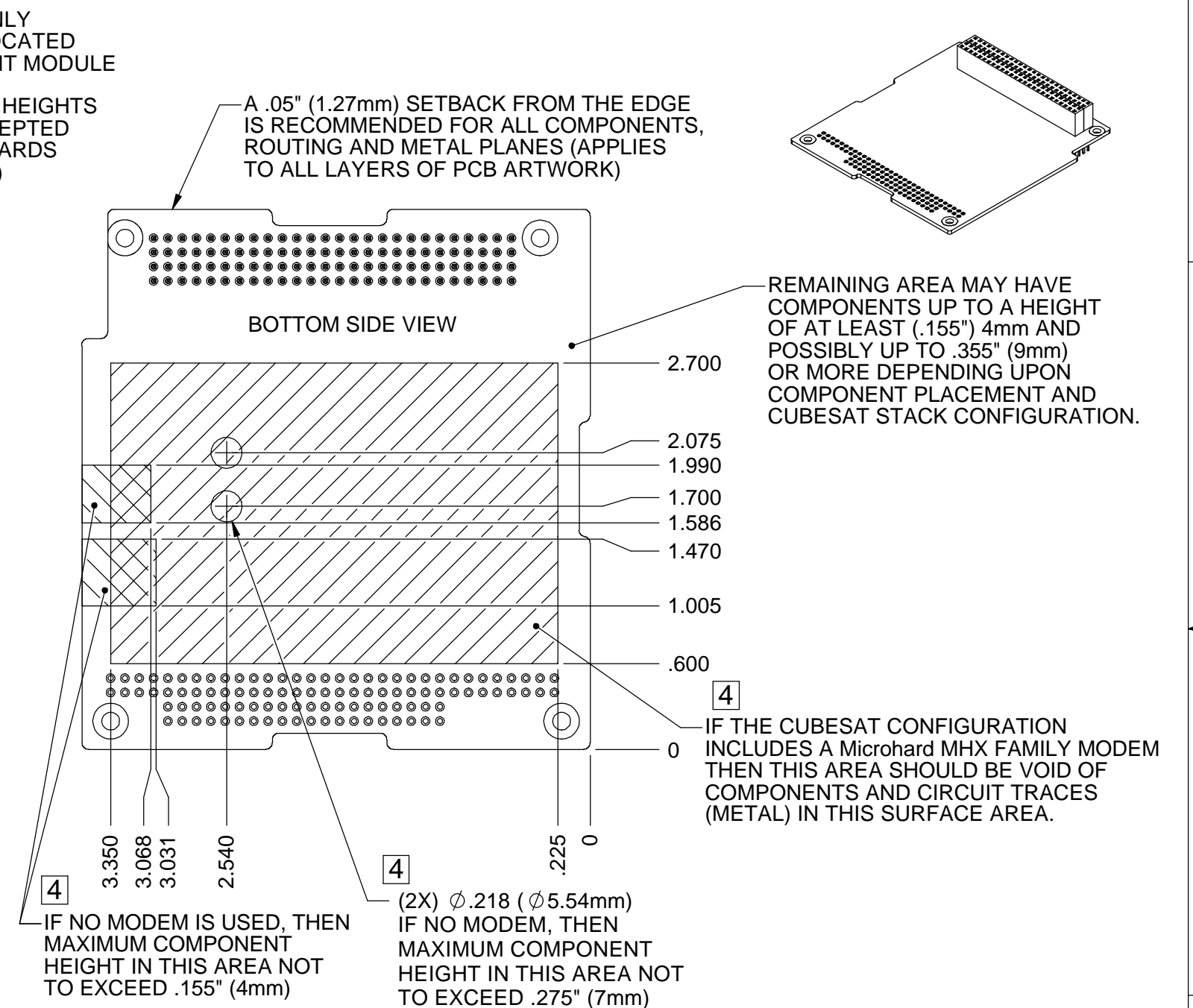
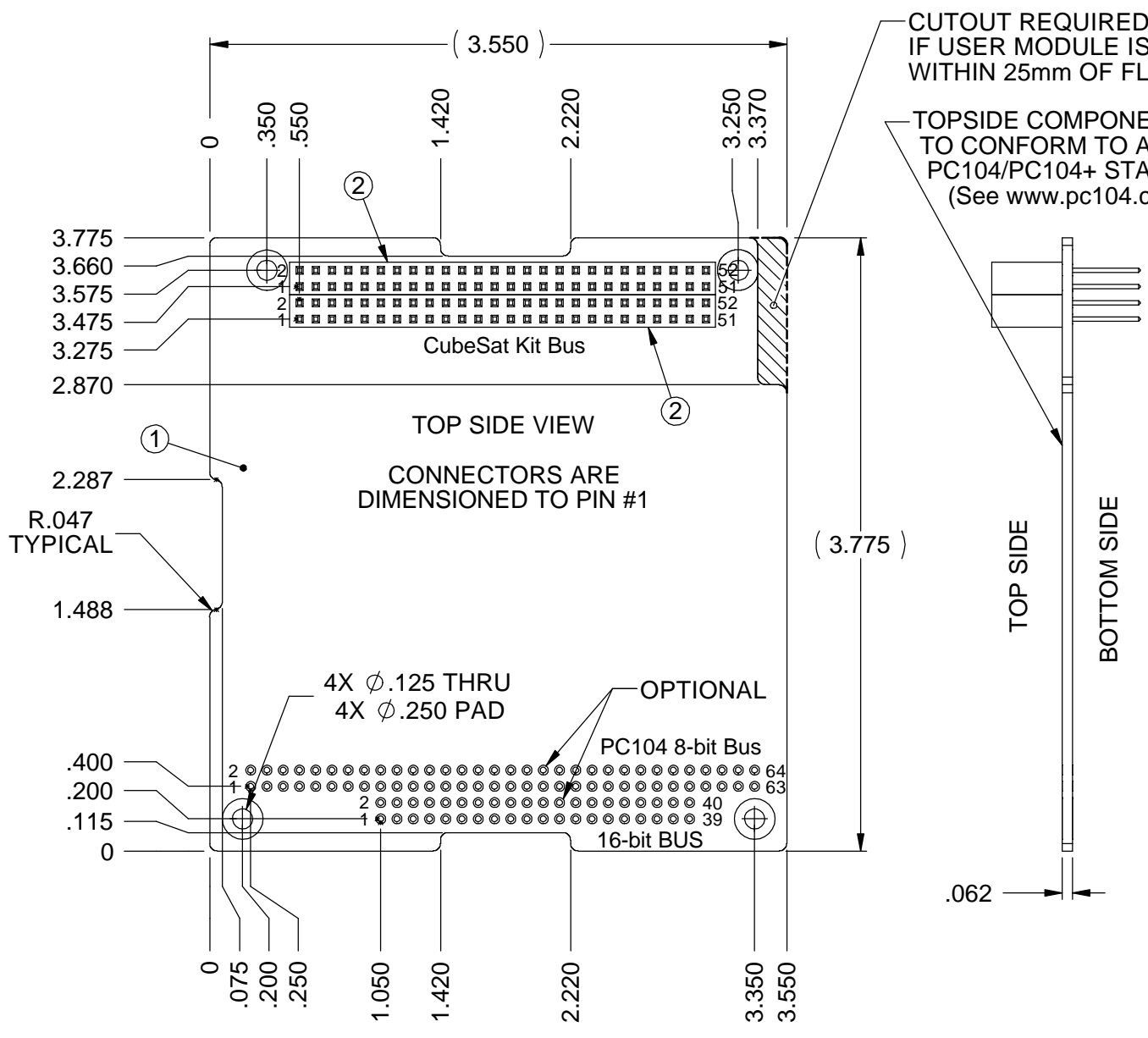


REVISION HISTORY				
REV	LOC	DESCRIPTION	DATE	APP'VD
		SEE SHEET #3		AWR



ITEM	QTY	PART NUMBER	DESCRIPTION	MANUFACTURER
1	1	PC104 Spec PCB	User	User
2	2	ESQ-126-39-G-D	2x26 Stack-Through	Samtec.com

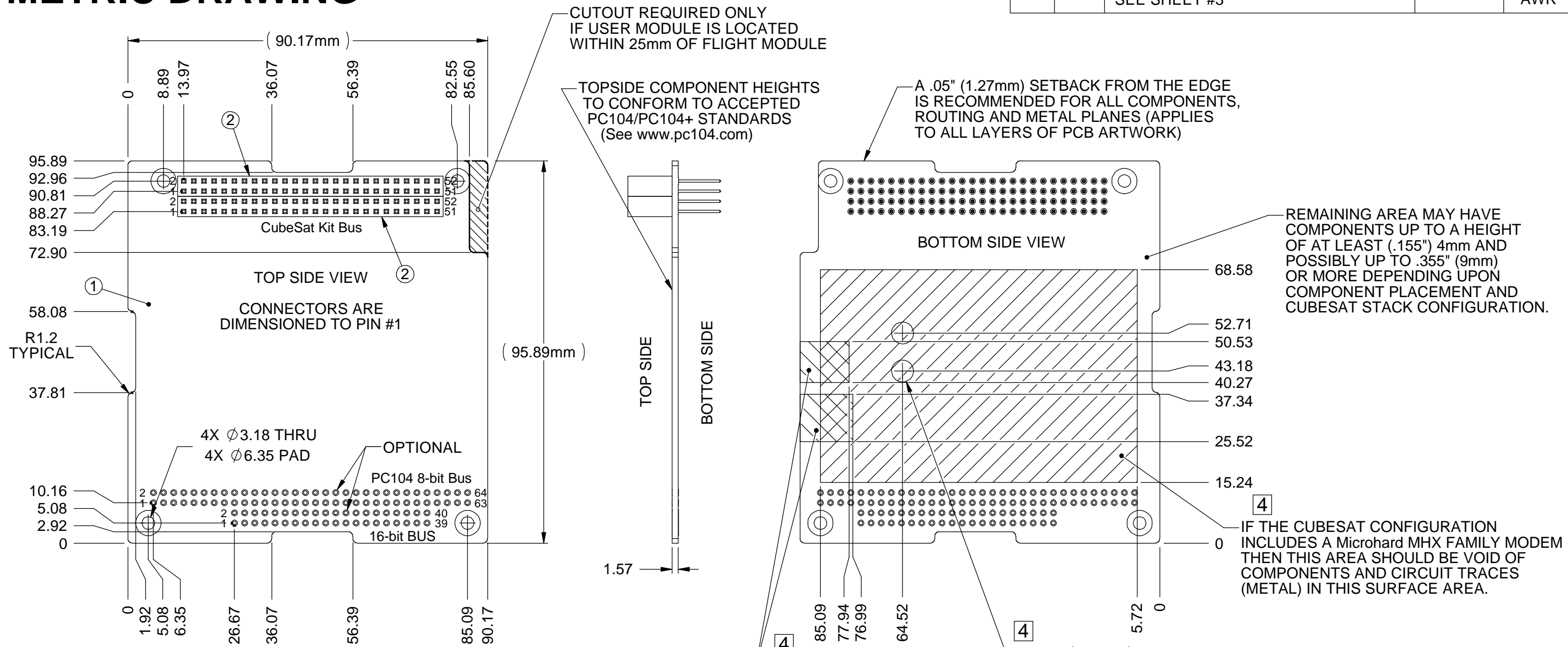
- NOTES:
- Connectors shown are .10" x .10" spacing, .025" square pin.
 - Samtec part numbers listed are low insertion force versions.
 - In the case where a 25mm gap will exist above the User Slot an additional connector should be used to gap the extra 10mm distance, plugged into the main connector. Use part SSQ-1XX-22-G-D where "XX" is the # of contacts per row.
- 4 These comments apply to situations where the User Module (Slot 1) is directly above the FlightModule (Slot 0).

© Pumpkin, Inc. - All Rights Reserved

MATERIAL:	FINISH:	HEAT TREAT:	WEIGHT:
PUMPKIN INCORPORATED		744 Naples - San Francisco - CA 94112 (415) 584-6360 ph - (415) 585-7948 fax info@pumpkininc.com	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:	APPROVALS	DATE	TITLE
FRACTIONS DECIMALS ANGLES	DRAWN AWR	09/26/03	CubeSat Kit PCB Specification
.X = ± .040 .XX = ± .020 ± 0° 30" .XXX = ± .010	CHECKED		SIZE B DWG. 810-00253 REV A5
CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE	DO NOT SCALE DRAWING	SCALE 1:1	SHEET 1 OF 3

METRIC DRAWING

REVISION HISTORY				
REV	LOC	DESCRIPTION	DATE	APP'VD
		SEE SHEET #3		AWR




ITEM	QTY	PART NUMBER	DESCRIPTION	MANUFACTURER
1	1	PC104 Spec PCB	User	User
2	2	ESQ-126-39-G-D	2x26 Stack-Through	Samtec.com

- NOTES:
- Connectors shown are .10" x .10" spacing, .025" square pin.
 - Samtec part numbers listed are low insertion force versions.
 - In the case where a 25mm gap will exist above the User Slot an additional connector should be used to gap the extra 10mm distance, plugged into the main connector. Use part SSQ-1XX-22-G-D where "XX" is the # of contacts per row.
- 4** These comments apply to situations where the User Module (Slot 1) is directly above the FlightModule (Slot 0).

© Pumpkin, Inc. - All Rights Reserved

MATERIAL:	FINISH:	HEAT TREAT:	WEIGHT:
PUMPKIN INCORPORATED		744 Naples - San Francisco - CA 94112 (415) 584-6360 ph - (415) 585-7948 fax info@pumpkininc.com	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ARE:		APPROVALS	DATE
FRACTIONS DECIMALS ANGLES		DRAWN AWR	09/26/03
X. = ± 1.0 .X = ± .50 ± 0° 30" .XX = ± .25		CHECKED	
CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE		QUAL ENG	
DO NOT SCALE DRAWING		TITLE CubeSat Kit PCB Specification	
SCALE 1:1		SIZE B	DWG. 810-00253
SHEET 2 OF 3		REV A5	

REVISION HISTORY				
REV	LOC	DESCRIPTION	DATE	APP'VD
A1	C4	UPDATED LOCATION OF USB & POWER KEEP OUT ZONES	06/01/2004	AWR
A1	A8	ADDED NOTE #5	06/01/2004	AWR
A2	C7	ADDED CUTOUTS FOR EG SOLAR CONN	01/26/2006	AWR
A2	B7/D7	CHANGED 2x20 HEADER TO 2x26	01/26/2006	AWR
A3	C6	ADDED CUTOUT NOTES FOR SWITCH	02/06/2006	AWR
A4	D8/D6	ADDED CORNER CUTOUTS - ADCS	03/20/2007	AWR
A4	B8/B6	ADDED CORNER CUTOUTS - ADCS	03/20/2007	AWR
A4	C8	ADDED R.047 OUTSIDE CORNER NOTE	03/20/2007	AWR
A4	C6	ADDED .180" x .905" SW CUTOUT	03/20/2007	AWR
A4	C6	CHANGED DRAWING TITLE	03/20/2007	AWR
A4	--	ADDED METRIC DRAWING (SHEET #2)	03/20/2007	AWR
A5	--	ADDED NOTATIONS TO SHEET 1 & 2	06/19/2007	AWR

MATERIAL:	FINISH:	HEAT TREAT:	WEIGHT:
		744 Naples - San Francisco - CA 94112 (415) 584-6360 ph - (415) 585-7948 fax info@pumpkininc.com	
	APPROVALS	DATE	TITLE CubeSat Kit PCB Specification
	DRAWN <i>AWR</i>	09/26/03	
	CHECKED		
	QUAL ENG		
CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE	DO NOT SCALE DRAWING	SIZE B	DWG. 810-00253
		SCALE : NONE	REV A5
			SHEET 3 OF 3