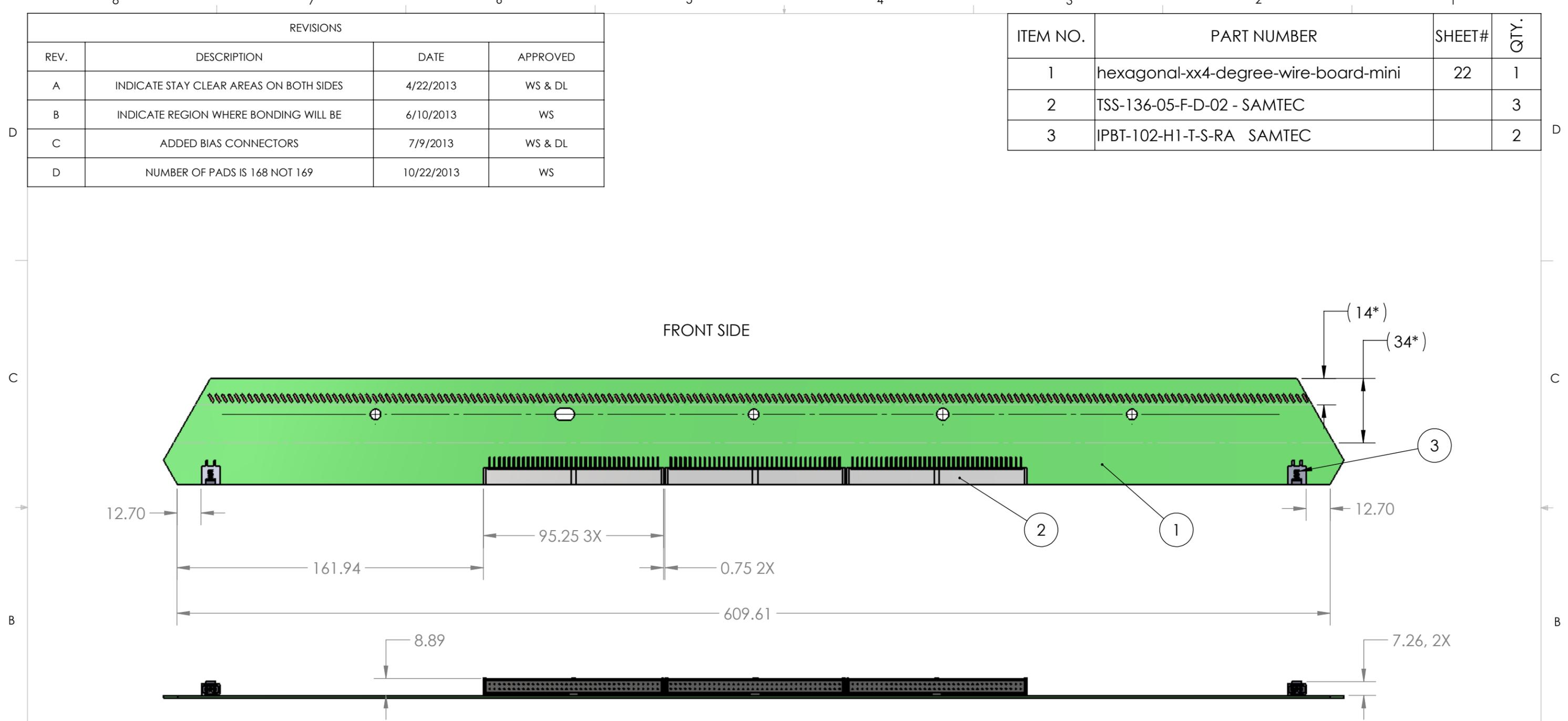


REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INDICATE STAY CLEAR AREAS ON BOTH SIDES	4/22/2013	WS & DL
B	INDICATE REGION WHERE BONDING WILL BE	6/10/2013	WS
C	ADDED BIAS CONNECTORS	7/9/2013	WS & DL
D	NUMBER OF PADS IS 168 NOT 169	10/22/2013	WS

ITEM NO.	PART NUMBER	SHEET#	QTY.
1	hexagonal-xx4-degree-wire-board-mini	22	1
2	TSS-136-05-F-D-02 - SAMTEC		3
3	IPBT-102-H1-T-S-RA SAMTEC		2



ALL DIMENSIONS IN MILLIMETERS

EACH OF THE THREE SAMTEC CONNECTORS ON THIS BOARD HAS 72 PINS, THE TOTAL NUMBER OF WIRES TO BE READOUT IS 168, LEAVING 20 AVAILABLE PINS.

*NOTE: THE REGION BETWEEN 14.0 AND 34.0 mm, FROM THE SHORT INNER EDGE, IS THE REGION ON THE BACK SIDE WHERE THE FR-4 BACKING PIECES ARE LAMINATED TO. THIS SAME REGION ON THE FRONT SIDE IS A REGION THAT SHOULD NOT HAVE ANY SURFACE MOUNT COMPONENTS - SINCE IT MATCHES WITH THE NEXT LAYER - WIRE PLANE.

P-25 SUBATOMIC PHYSICS LOS ALAMOS NATIONAL LABORATORY LOS ALAMOS, NM, 87545	DIMENSIONS ARE IN INCHES TOLERANCES UNLESS SPECIFIED:		NAME	DATE	hexagonal-xx2-w-connectors-mini Updated connector positions	
	FRACTIONAL ±		DRAWN	WALT		2/11/13
	ANGULAR: MACH ± BEND ±		CHECKED			
	TWO PLACE DECIMAL ± 0.01		ENG APPR.			
	THREE PLACE DECIMAL ± 0.003		MFG APPR.			
MATERIAL	MIXED	Q.A.			SIZE DWG. NO. B 126Y-1766708-20 REV. D SCALE: 1:2 WEIGHT: SHEET 1 OF 1	
FINISH		COMMENTS:	Updated connector positions			
QUANTITY REQUIRED	1					