DWG. NO. B - 2487 SH REV. A

15.748 +.000/-.012

14.437 +.000/-.012

0.100 +/-0.005

.060±.005

note 7.

note 9.

BOARD's DRILL SCHEDULE

DRILL SYMBOL	FHS	COUNT	PLATED	Tolerance	COMMENT
○	.016	1068	YES	---	
⊞	.018	3627	YES	---	
⦶	.0236	114	YES	Note 12.	Note 12.
⊟	.033	312	YES	---	
⊖	.035	80	YES	---	
◫	.041	536	YES	---	
⊕	.042	60	YES	---	
□	.057	12	YES	---	
	.09	12	NO	---	
	.106	11	NO	---	
	.113	6	NO	---	
	.16	2	YES	---	

Note 12: This is a pressfit technology thru hole with the following specification:
12-1. Finished plated hole size: 0.59 - 0.65 mm.
12-2. Drilled hole size: 0.7mm +/- 0.02mm
12-3. Thickness of thru hole plating: min. 25 µm Cu; Ni: 2.5-5 µm; Au (chem plated): 0.05-0.2 µm.

Comp.Side

Layer Order

Layer	Spacing
1.Signal_1	
	0.005"
2.Power +5V	
	0.010"
3.Signal_2	
	0.010"
4.Power GND	
	0.035"
5.Power +2.5V	
	0.010"
6.Signal_3	
	0.010"
7.Power +3.3V	
	0.005"
8.Signal_4	

0.093 +/-0.008

Board Characteristics

0. All dimensions are given in inches unless specified otherwise.
1. Material FR4 Tg>170C.
2. Minimum trace width 0.006" on all layers.
3. Minimum clearence 0.006" on all layers.
4. 1 oz copper for all trace and power layers.
5. Ni/Au (chem plated) over bare copper. Apply Solder Mask over bare copper.
6. Board Thickness: 0.093 +/- 0.008
7. Mill the Top and Bottom of board on the solder side to a thickness of 0.062" +/- 0.008.
8. Silkscreen on Component and Solder Sides.
9. 45 degree chamfer.
10. FHS tolerances: +/- 0.002 unless specified otherwise.
11. Interlayer spacing as specified
13. Impedance : 55 Ohm +/- 5 Ohm for 0.006" traces on all layers.
14. Perform TDR test using existing traces on board.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES .XX .XXX
DO NOT SCALE DRAWING

TREATMENT

FINISH

SIMILAR TO | ACT. WT | CALC WT

CONTRACT NO.

APPROVALS		DATE
DRAWN	M.Bogdan	5/16/01
CHECKED	H.Sanders	5/16/01
ISSUED		

UNIVERSITY OF CHICAGO
ELECTRONICS DEVELOPMENT GROUP

TITLE CDF SVT GhostBuster Board Specification Drawing

SIZE B | FSCM NO. | DWG. NO. B - 2487 | REV. A

SCALE 1/4 | SHEET

THIS SHEET IS COMPUTER GENERATED