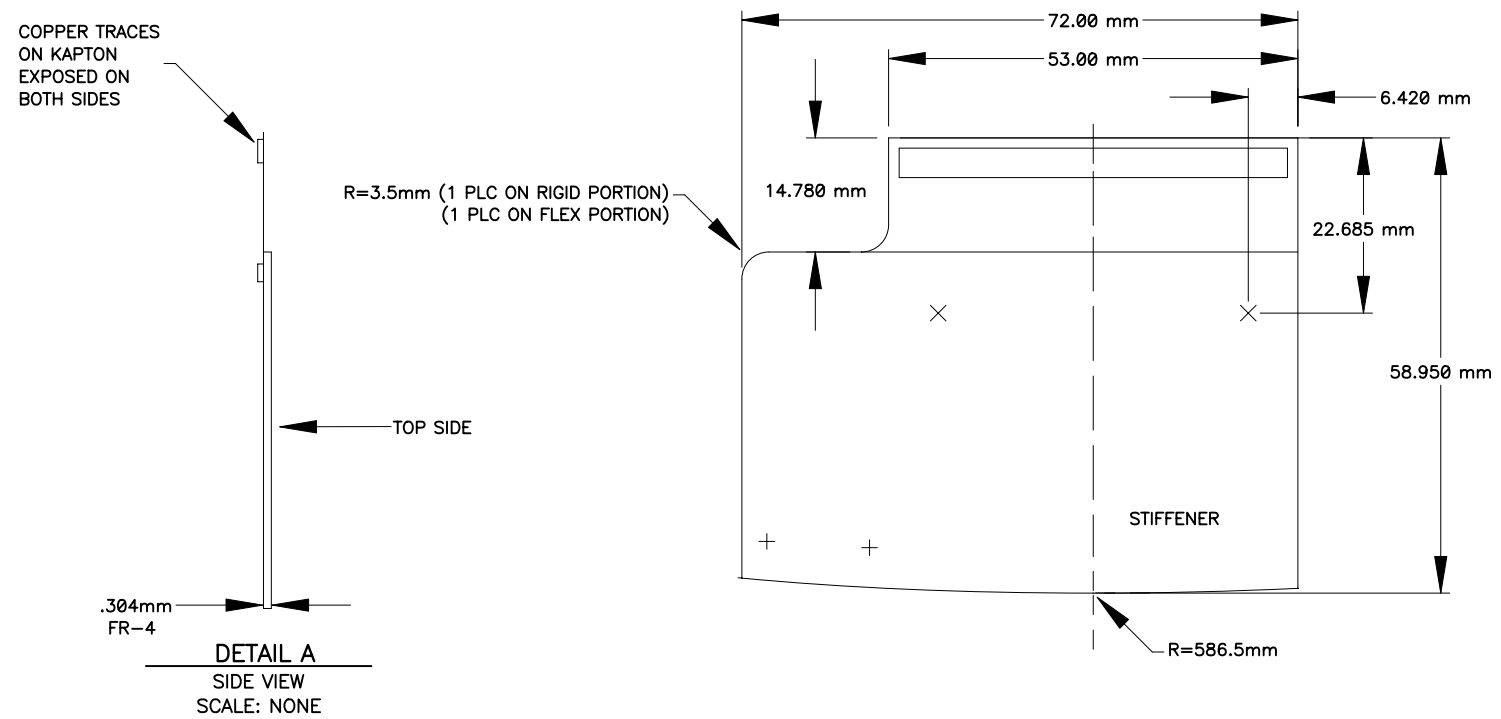
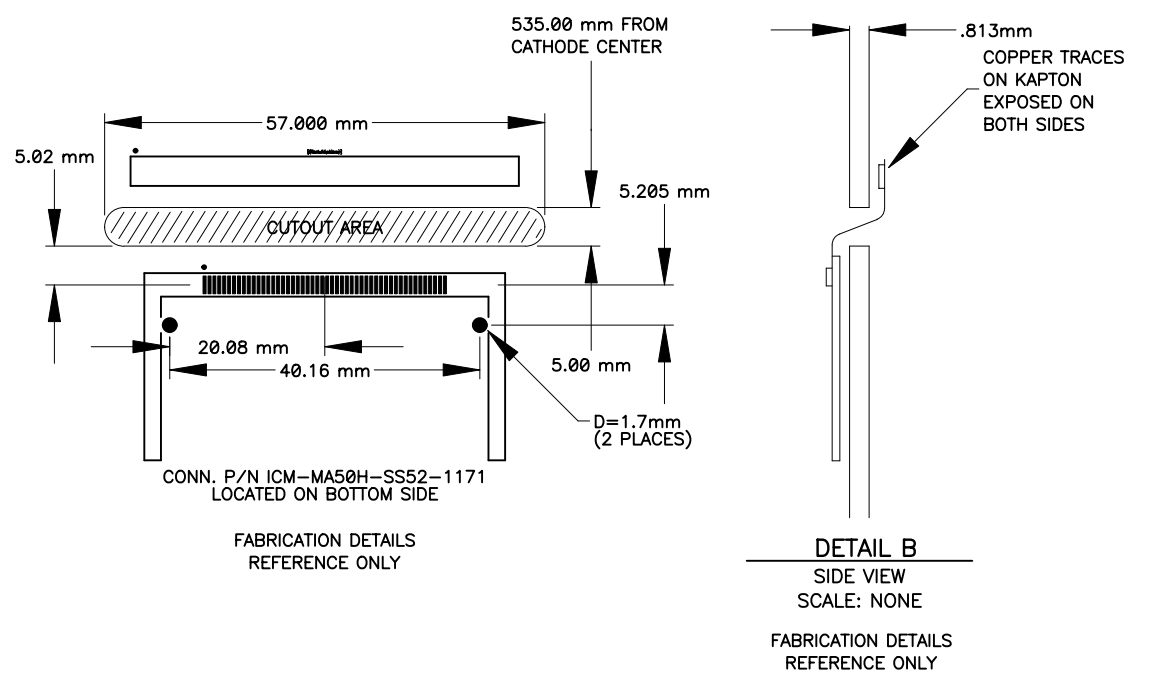


REVISIONS				
REV.	REMARKS	DRAWN	DATE	APPROVED

- NOTES:
1. PRINTED CIRCUIT BOARD MUST CONFORM TO CURRENT IPC-6013 CLASS-2 SPECIFICATIONS.
  2. BASE MATERIAL SHALL BE 1MIL POLYIMIDE WITH 2 OZ. COPPER .
  3. FINISHED BOARD THICKNESS TO BE .014 +/- .003" EXCLUDING COPPER FOIL.
  4. RIGID PORTION OF ASSEMBLY TO BE .012" FR-4.
  5. COVERLAY TO BE 1 MIL POLYIMIDE AND 1 MIL ADHESIVE.
  6. CONSTRUCTION OF BOARD LAYERS TO BE AS SHOWN IN DETAIL "A".
  7. ASSEMBLY OF CATHODE DAUGHTER BOARD TO MAIN CATHODE PLANE IS SHOWN IN DETAIL "B".
  8. FOR ARTWORK OF CATHODE DAUGHTER BOARD SEE JEFFERSON LAB DRAWING NO. D00000-16-03-1010B03.



VIEWED FROM TOP SIDE



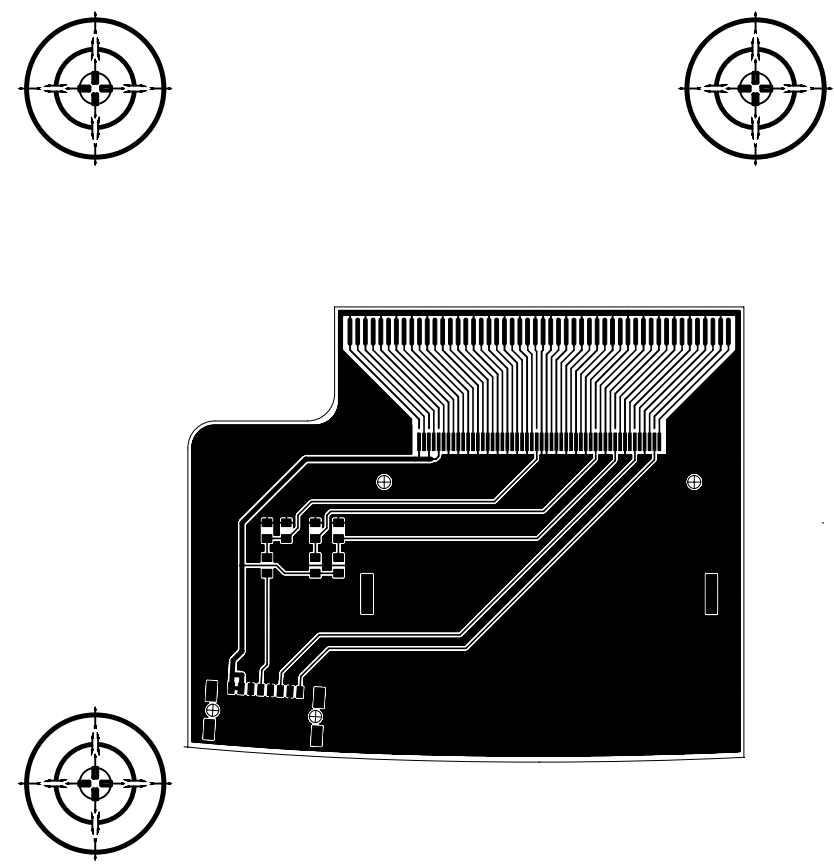
FABRICATION DETAILS REFERENCE ONLY

DETAIL B SIDE VIEW SCALE: NONE FABRICATION DETAILS REFERENCE ONLY

DRILL SYMBOL TABLE				
HOLE DIA (INCH)	SYMBOL	QUANTITY	TOLERANCE	PLATED
.063	+	2	+/- .002	NO
.067	X	2	+/- .002	NO

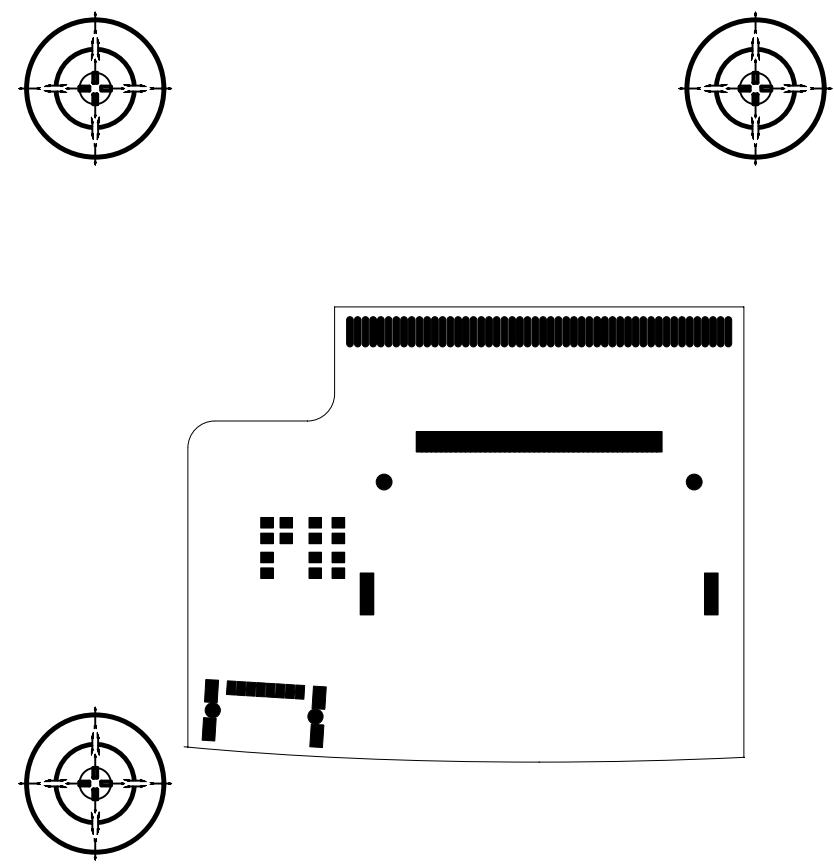
DIM. & TOL PER ANSI Y14.5  
 DIMENSIONS ARE IN MILLIMETERS  
 TOLERANCES ARE:  
 .XX +/- .254  
 .XXX +/- .127 DIA. +/- .007  
 DEBURR & BREAK ALL SHARP EDGES.  
 DO NOT SCALE DRAWING.

DRAWN <b>R. FLOOD</b>	DATE <b>04/13/10</b>	Thomas Jefferson National Accelerator Facility NEWPORT NEWS, VIRGINIA UNITED STATES DEPARTMENT OF ENERGY		
CHECKED	DATE			
APPR/ORIGINATOR	DATE	TITLE <b>HALL D FORWARD DETECTOR CATHODE CATHODE DAUGHTER BOARD FABRICATION DRAWING</b>		
APPROVED	ENGINEER <b>R. FLOOD</b>	SIZE <b>B</b>	CAD I.D. NO. //EECAD... D00000-16-03-1010_04_22_04	DRAWING NO. <b>D00000-16-03-1010B02</b>
		SCALE <b>1X</b>	SHOWN ON -	REV. -
		SHEET <b>1</b> OF <b>1</b>		



BOTTOM SIDE (D00000-16-03-1010P1.BOT) D00000-16-03-1010B03 REV -  
VIEWED FROM TOP SIDE

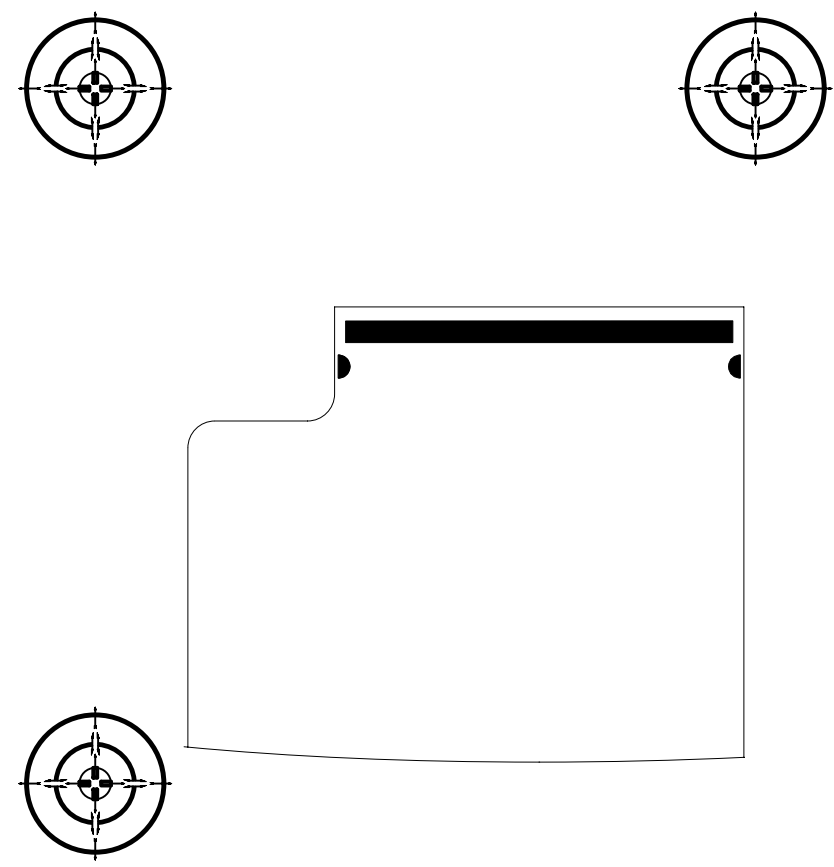
TITLE			
HALL D FORWARD DETECTOR CATHODE CATHODE DAUGHTER BOARD ARTWORK DRAWING			
SIZE	CAD I.D. NO.	DRAWING NO.	REV.
<b>B</b>	//EECAD... D00000-16-03-1010_04_22_004	<b>D00000-16-03-1010B03</b>	-
SCALE	SHOWN ON	SHEET	OF
1X	-	2	4




BOTTOM SIDE SOLDERMASK (D00000-16-03-1010P1.BSM) D00000-16-03-1010B03 REV -  
 VIEWED FROM TOP SIDE

TITLE			
HALL D FORWARD DETECTOR CATHODE CATHODE DAUGHTER BOARD ARTWORK DRAWING			
SIZE	CAD I.D. NO.	DRAWING NO.	REV.
<b>B</b>	//EECAD... D00000-16-03-1010_04_22_0000	D00000-16-03-1010B03	-
SCALE	SHOWN ON	SHEET	OF
1X	-	3	4

REVISIONS				
REV.	REMARKS	DRAWN	DATE	APPROVED



COVER LAYER (D00000-16-03-1010P1.CVR) D00000-16-03-1010B03 REV -  
VIEWED FROM TOP SIDE

<table border="1"> <tr> <td>DRAWN</td> <td>DATE</td> </tr> <tr> <td>R. FLOOD</td> <td>04/13/10</td> </tr> <tr> <td>CHECKED</td> <td>DATE</td> </tr> <tr> <td>APPR/ORIGINATOR</td> <td>DATE</td> </tr> <tr> <td>APPROVED</td> <td></td> </tr> <tr> <td>ENGINEER</td> <td></td> </tr> <tr> <td>R. FLOOD</td> <td></td> </tr> </table>	DRAWN	DATE	R. FLOOD	04/13/10	CHECKED	DATE	APPR/ORIGINATOR	DATE	APPROVED		ENGINEER		R. FLOOD		 Thomas Jefferson National Accelerator Facility <small>NEWPORT NEWS, VIRGINIA UNITED STATES DEPARTMENT OF ENERGY</small>	
DRAWN	DATE															
R. FLOOD	04/13/10															
CHECKED	DATE															
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APPROVED																
ENGINEER																
R. FLOOD																
TITLE HALL D FORWARD DETECTOR CATHODE CATHODE DAUGHTER BOARD ARTWORK DRAWING																
SIZE <b>B</b> SCALE 1X	CAD I.D. NO. //EECAD... D00000-16-03-1010_04_22_04	DRAWING NO. <b>D00000-16-03-1010B03</b> SHOWN ON -														
	SHEET 1 OF 4	REV. -														