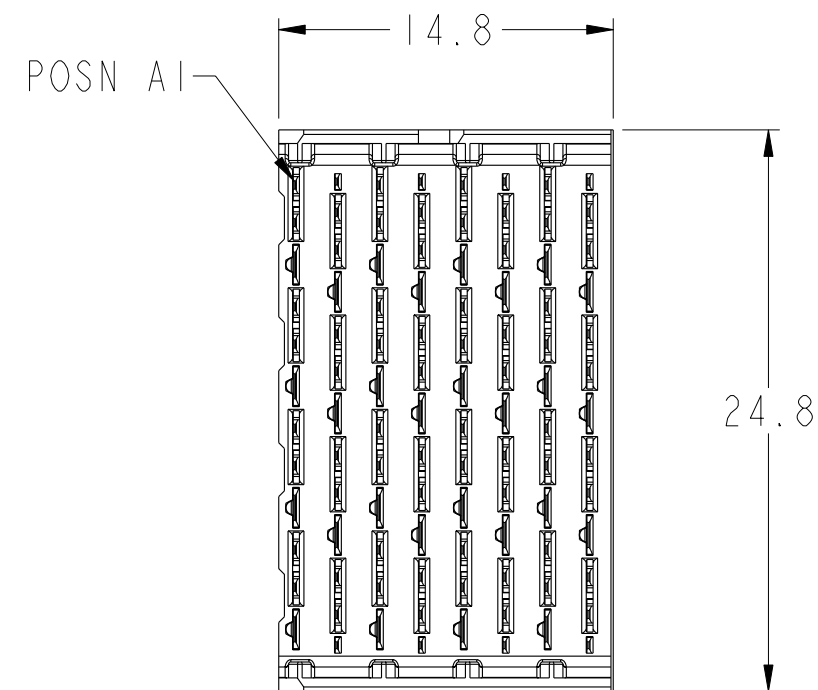
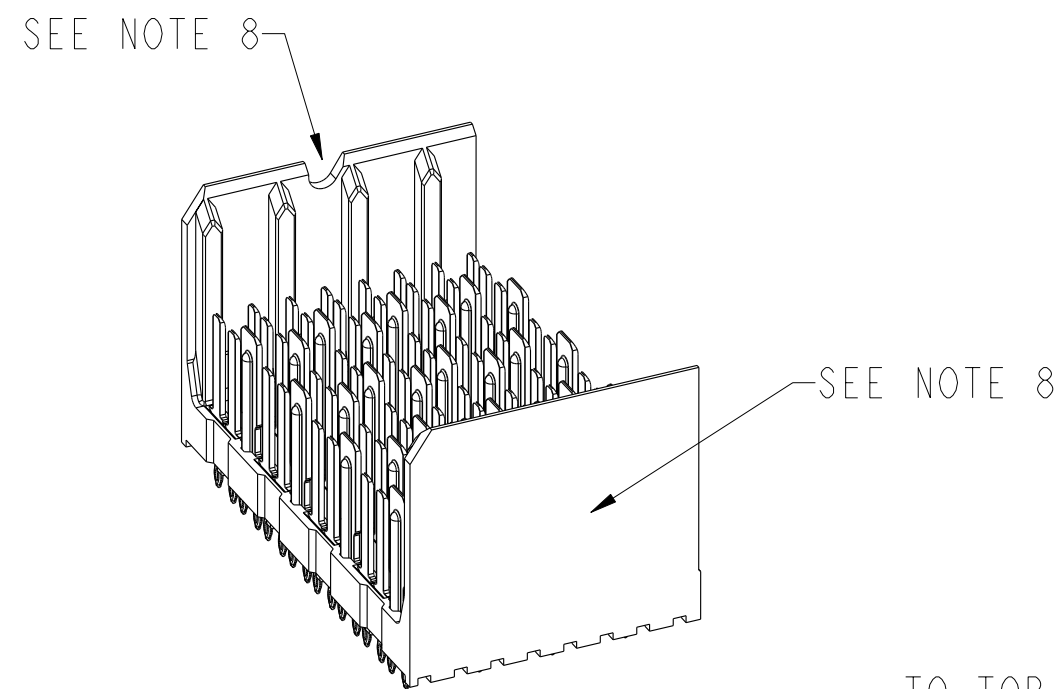
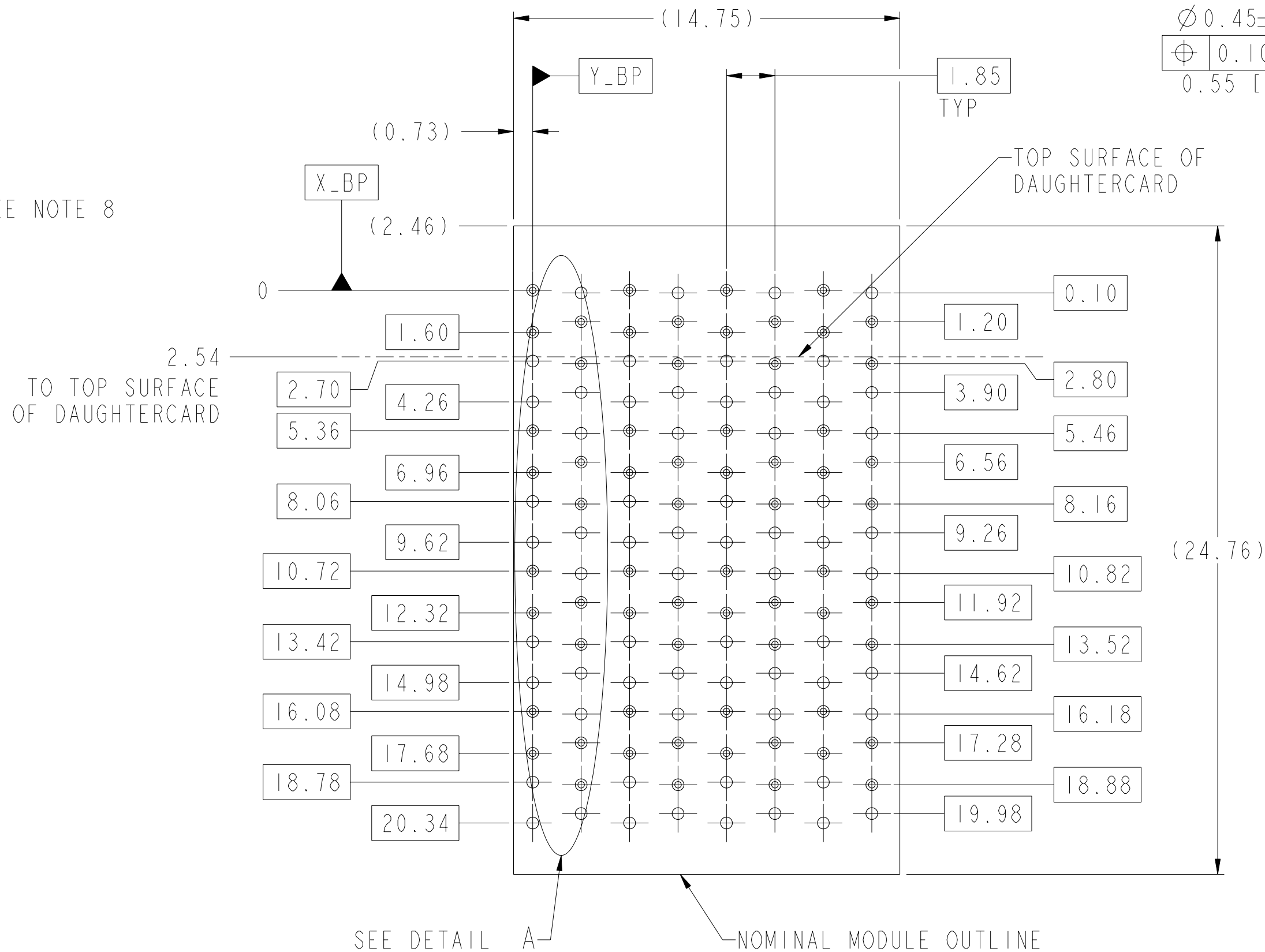
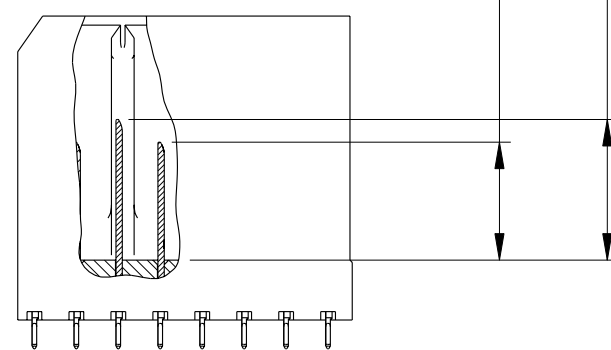


1		2		3		4		5		6		7		8																																																																																																																																													
10091777-X0E-X0XLFL 8-COLUMN DIFFERENTIAL SIGNAL LEAD-FREE DESIGNATION ONLY WITH APPLICABLE PLATING CODES												LETTER	PERFORMANCE-BASED PLATING (SEE NOTE 2)																																																																																																																																														
													TARGET APPLICATION		LEAD-FREE (LF)																																																																																																																																												
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												C	TELCORDIA UE		NO																																																																																																																																												
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OPEN (2-WALL) MODULE

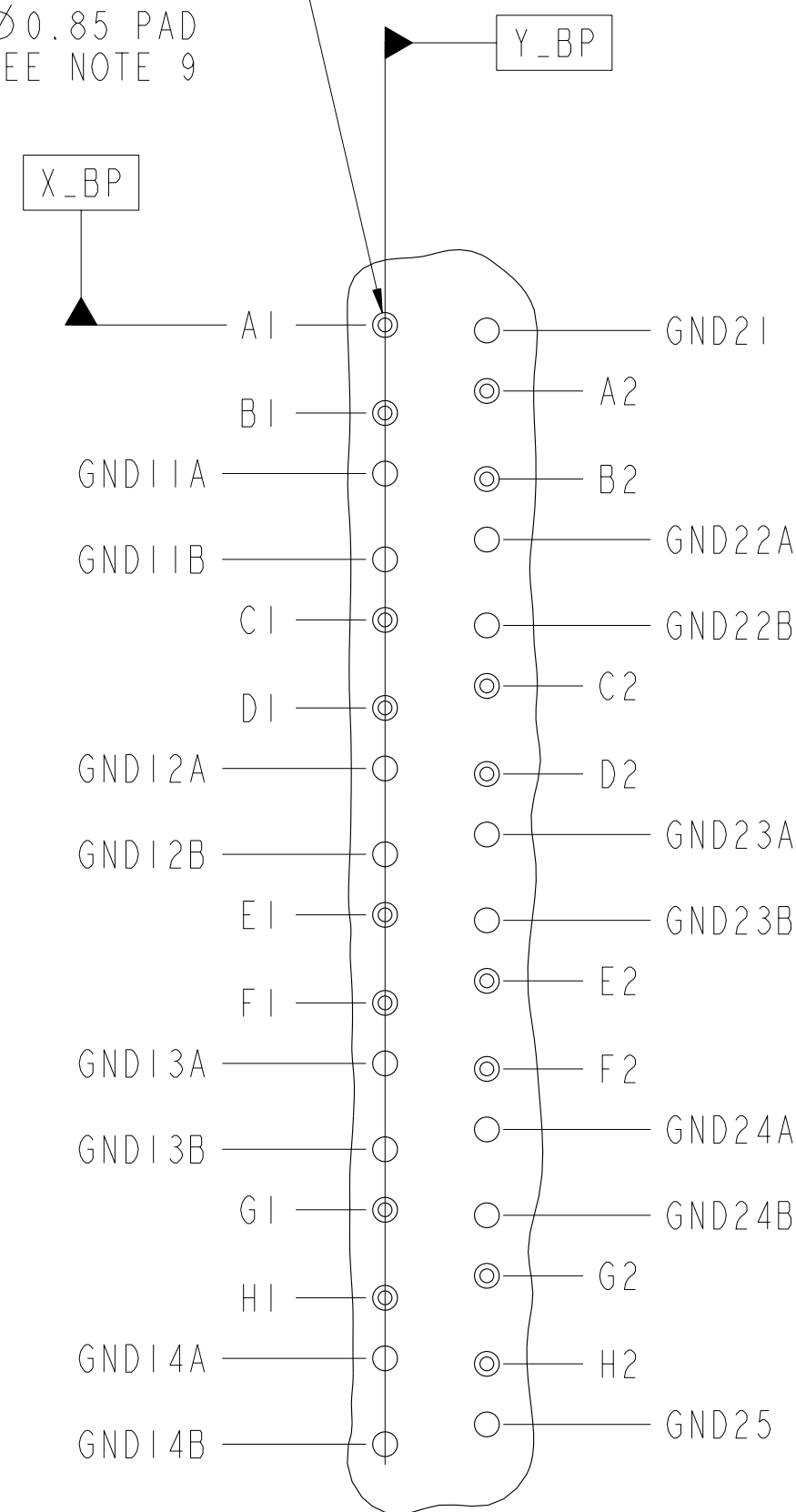


6.2 (WIDE GROUNDS)
5.2 (THIN END GROUNDS)
5.2 (3mm WIPE SIGNALS)
4.2 (2mm WIPE SIGNALS)
SEE P/N TREE



PCB HOLE PATTERN
COMPONENT SIDE
SCALE 6:1

Ø0.45±0.05 PTH TYP
Ø0.10 A Y_BP X_BP
0.55 [0.0217"] DRILL
Ø0.85 PAD
SEE NOTE 9

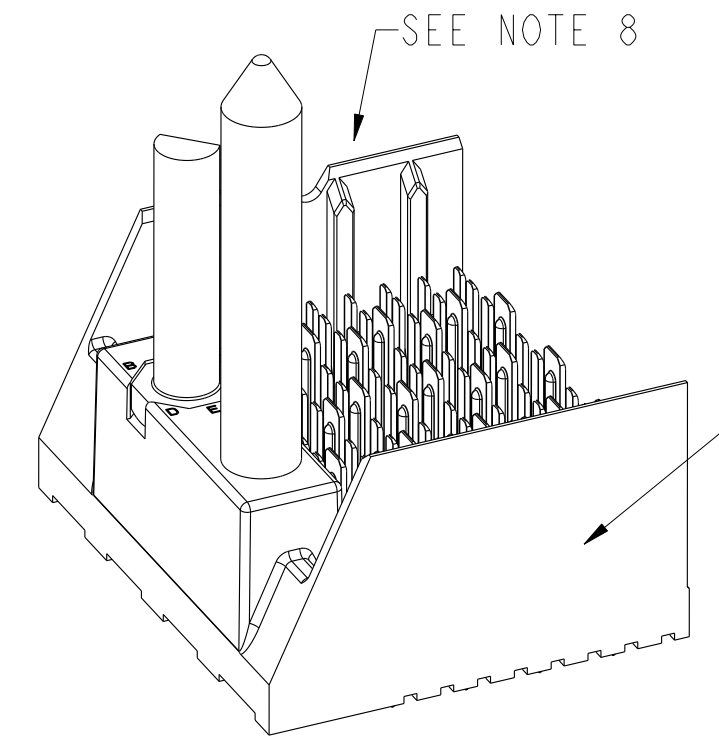


DETAIL A
SCALE 8:1

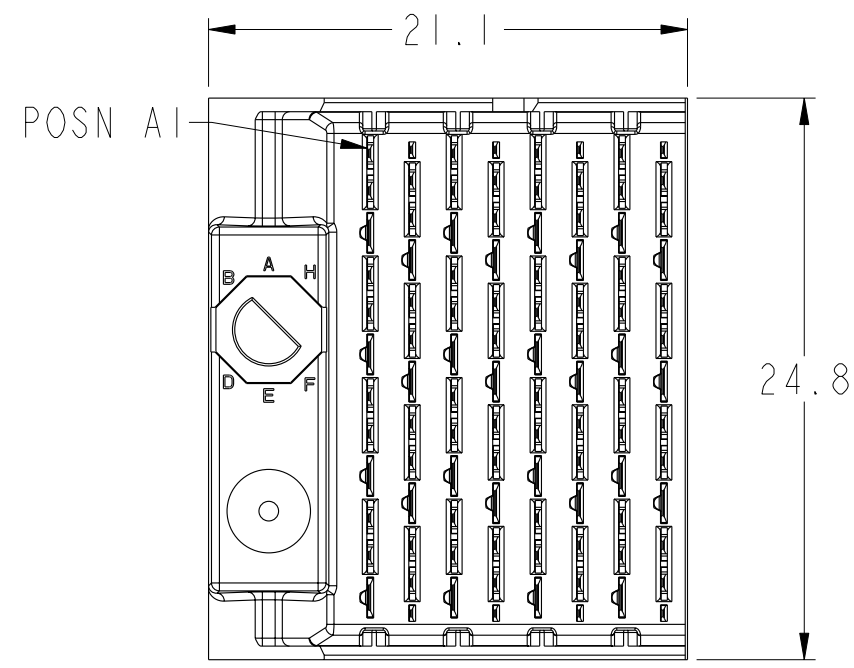
spec ref		SEE NOTES		dr		P S KUMAR		2009-07-04		projection		MM		size		scale	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		W. J. SWAIN		2009-07-04						A2		4:1	
ASME Y14.5				chr		W. J. SWAIN		2009-07-04						ecn no		In Work	
				appr										product family		XCede	
surface			linear	0.X	±0.2			title	MODULE ASSEMBLY VERTICAL HEADER, 8-COLUMN, 4-PAIR				dwg no	10091777		rev	3
			0.XX	±0.10													
			0.XXX	±0.050													
ASME Y14.5			angular	0°	±°	www.fci.com		cat. no.		SEE P/N TREE		Product - Customer Drw		sheet 2 of 8			

PRELIMINARY

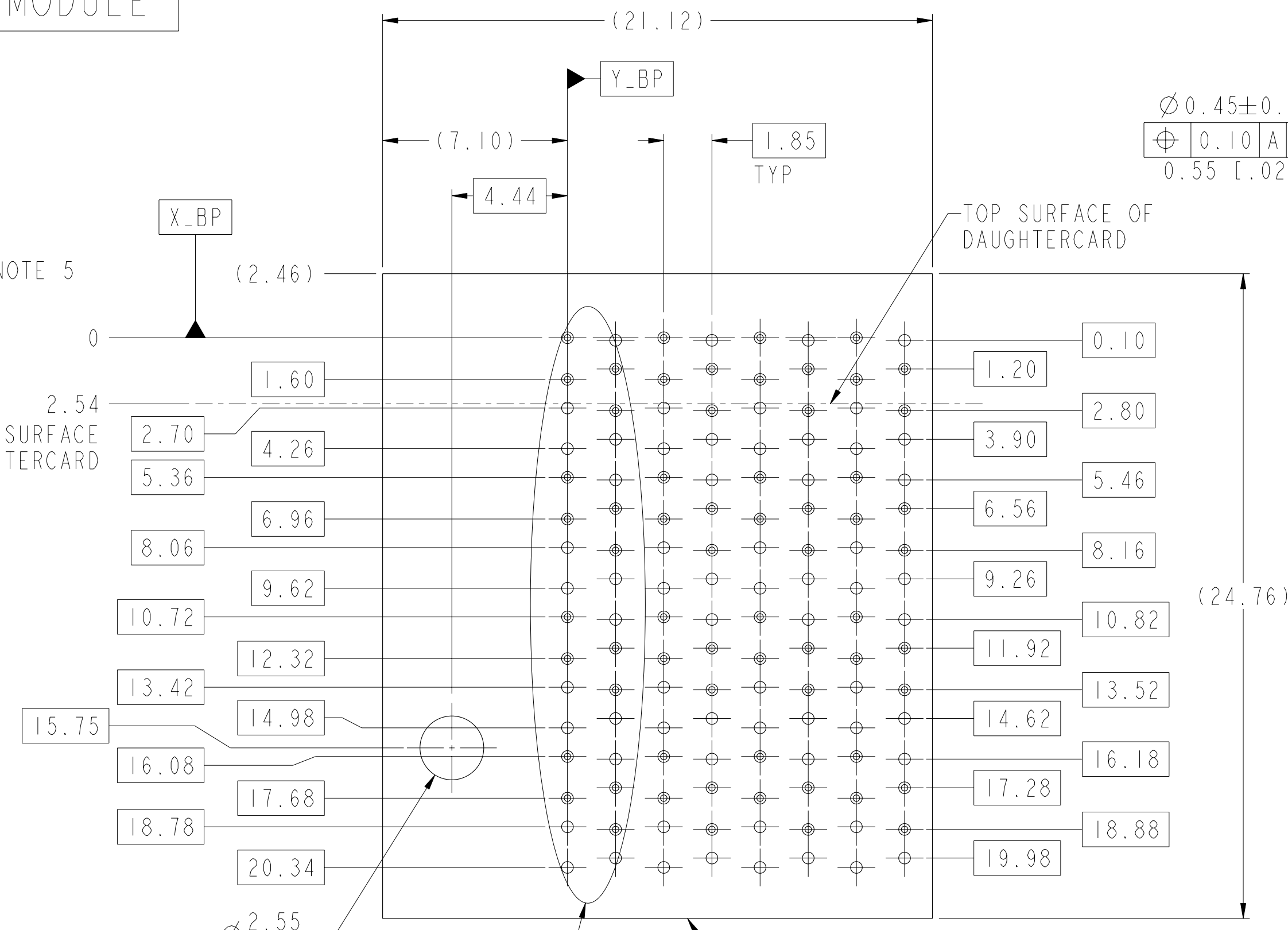
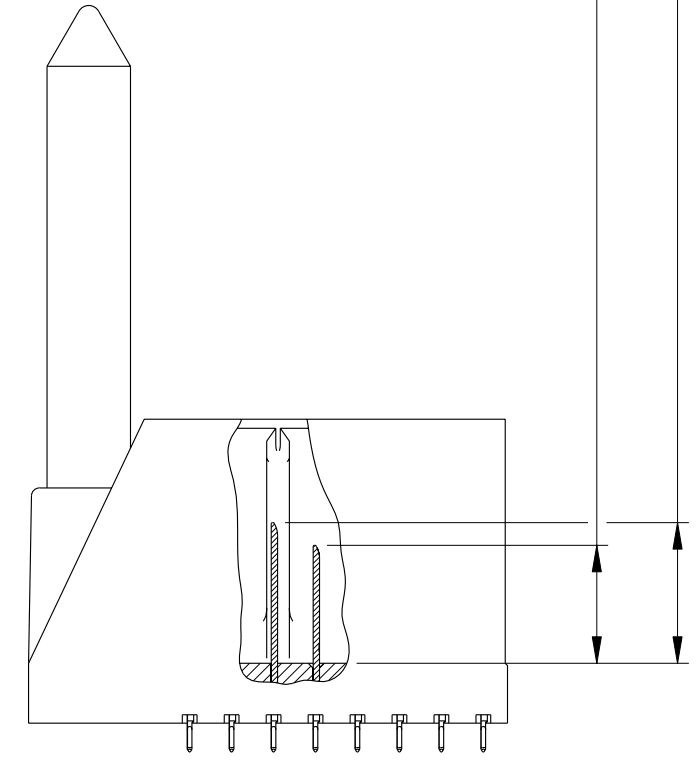
LEFT POLARIZING/GUIDE MODULE



TO TOP SURFACE OF DAUGHTERCARD



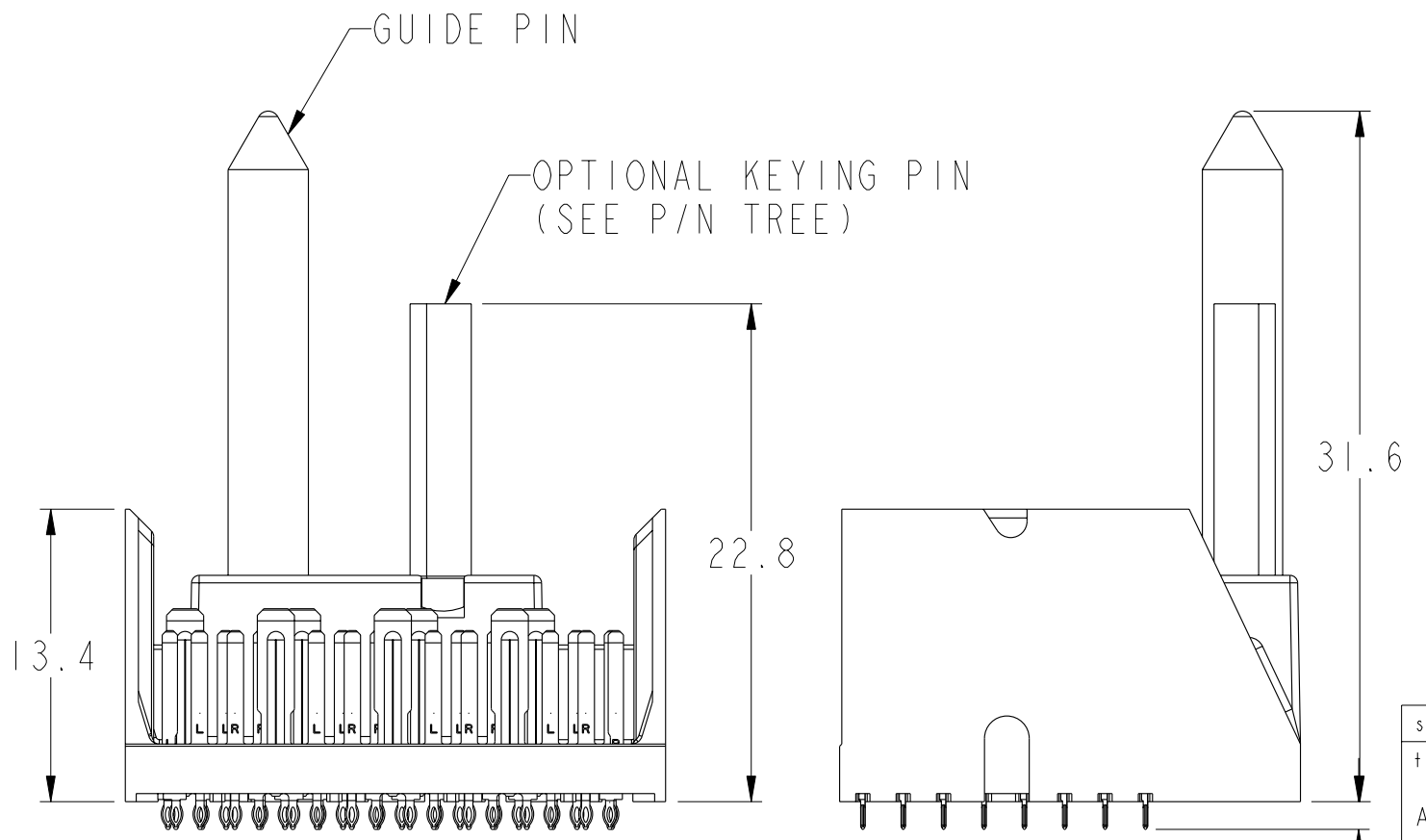
6.2 (WIDE GROUNDS)
5.2 (THIN END GROUNDS)
5.2 (3mm WIPE SIGNALS)
4.2 (2mm WIPE SIGNALS)
SEE P/N TREE



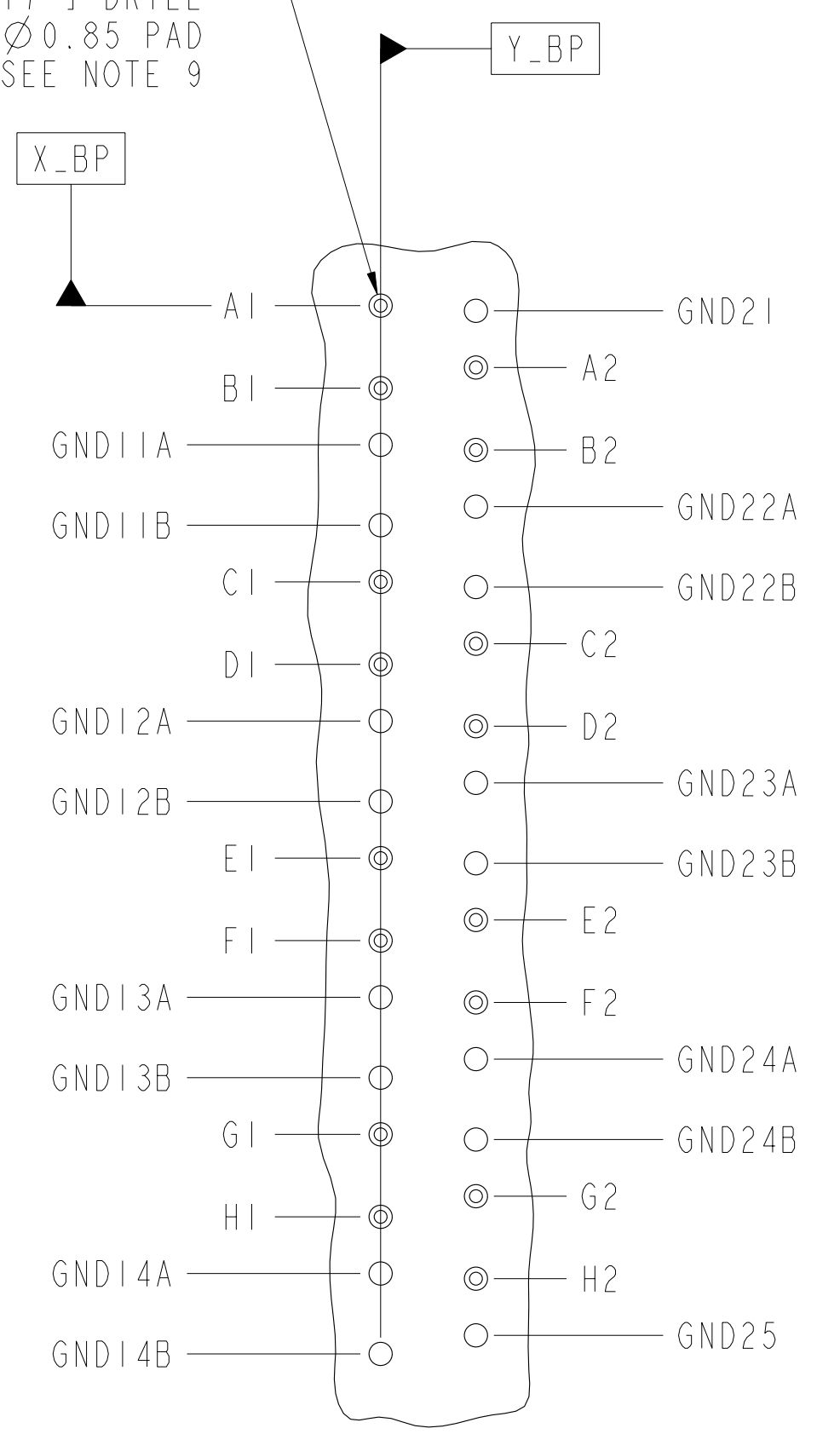
SEE NOTE 11 & TABLE 1

SEE DETAIL A

PCB HOLE PATTERN
COMPONENT SIDE
SCALE 6:1



Ø0.45±0.05 PTH TYP
Ø0.10 A Y_BP X_BP
0.55 [0.0217"] DRILL
Ø0.85 PAD
SEE NOTE 9

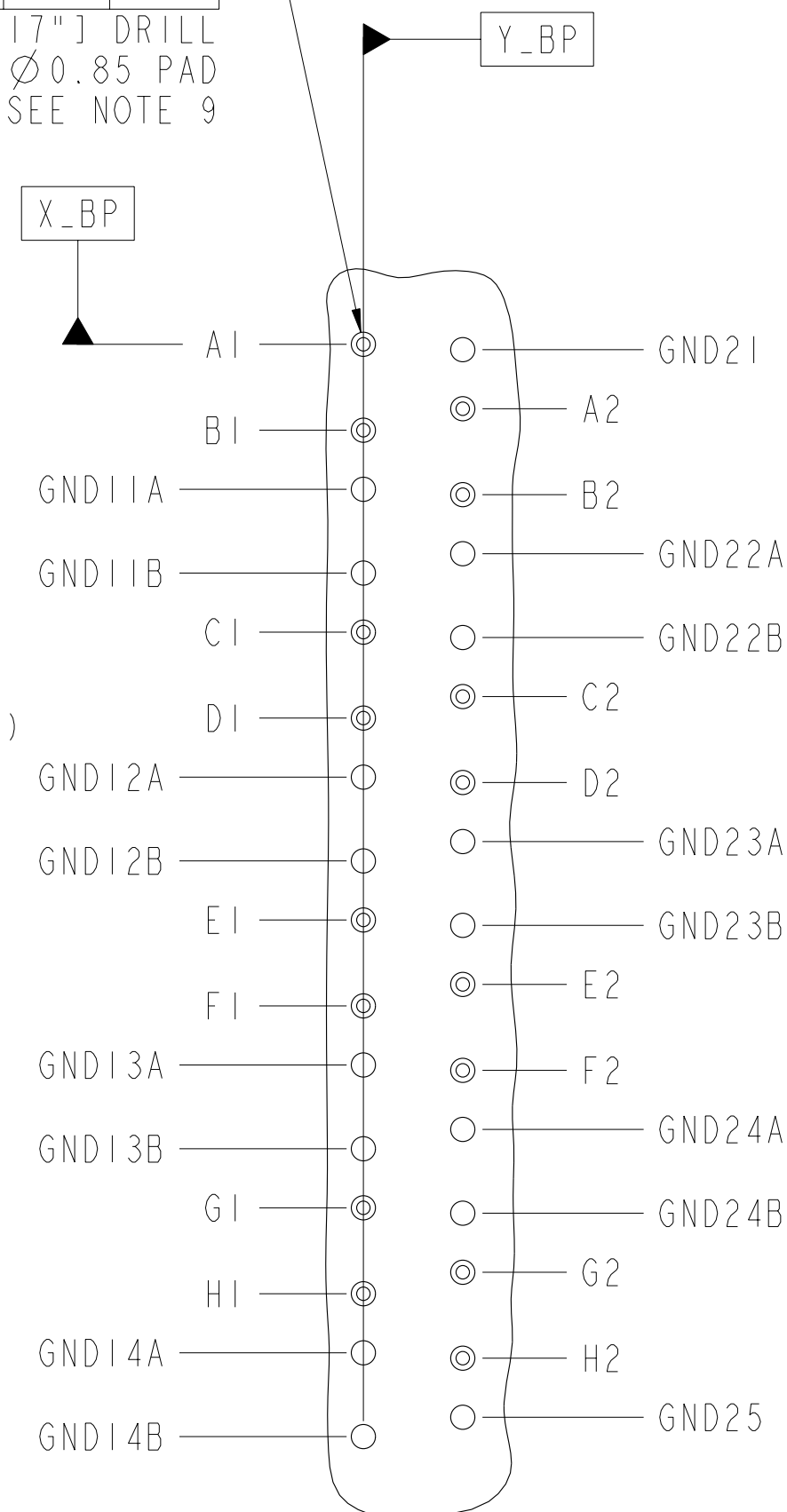
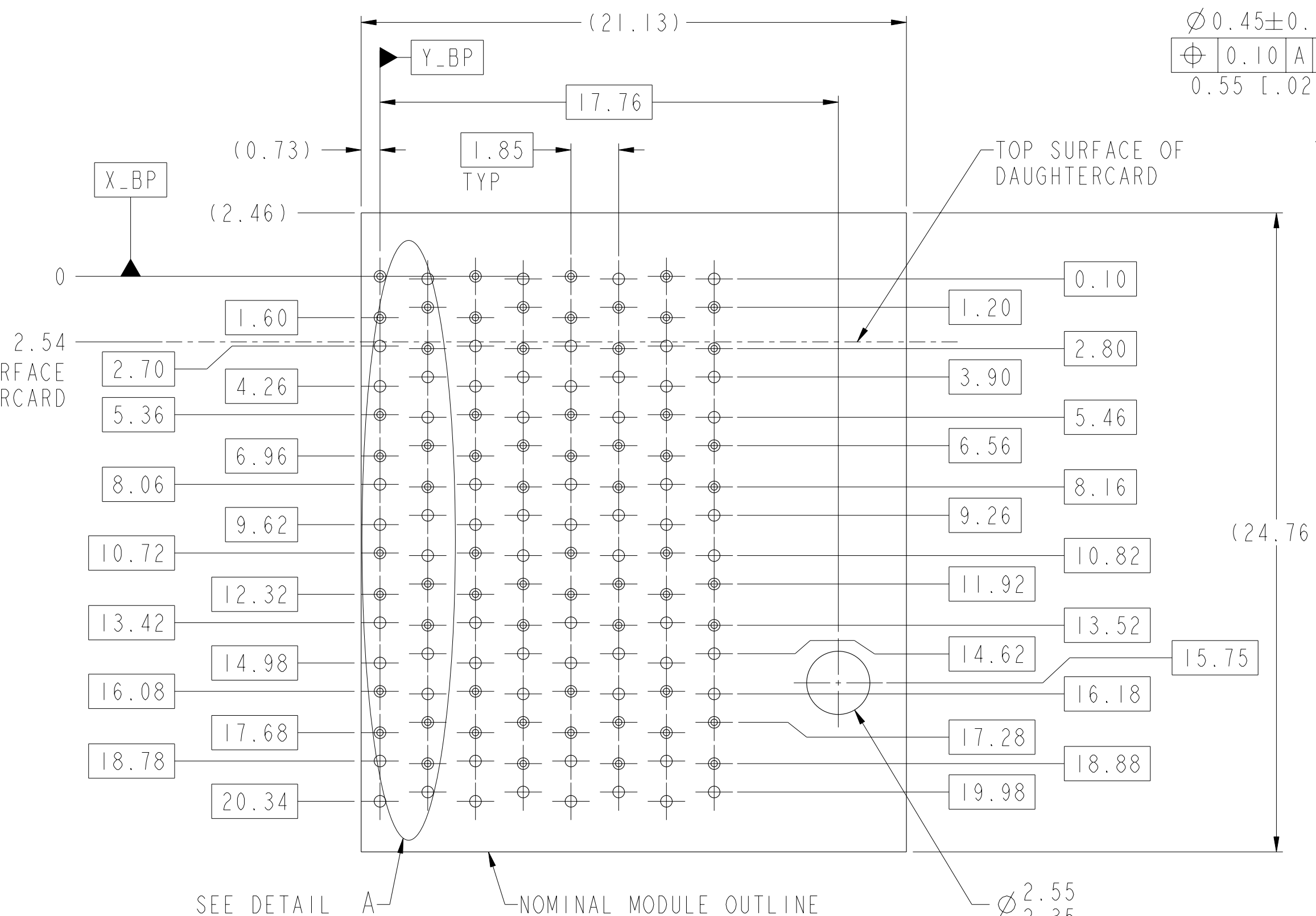
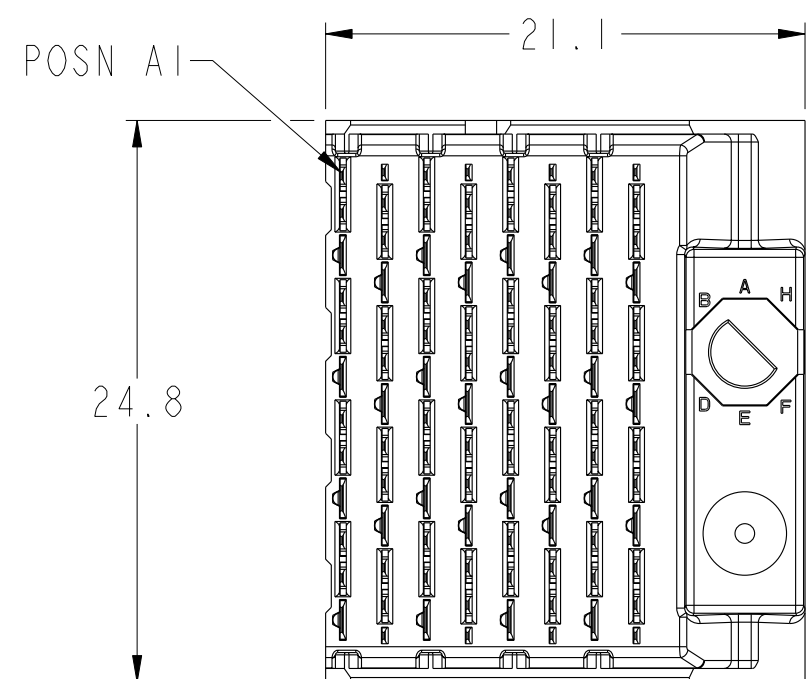
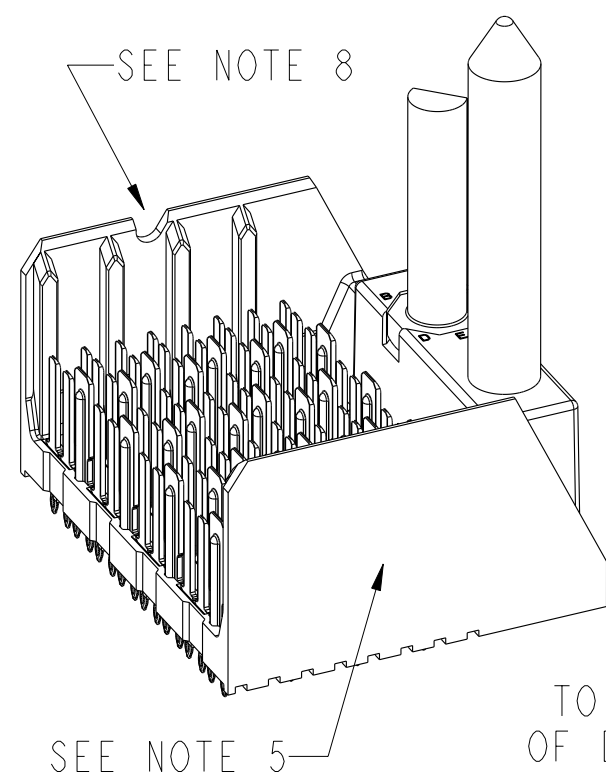


DETAIL A
SCALE 8:1

Copyright FCI.

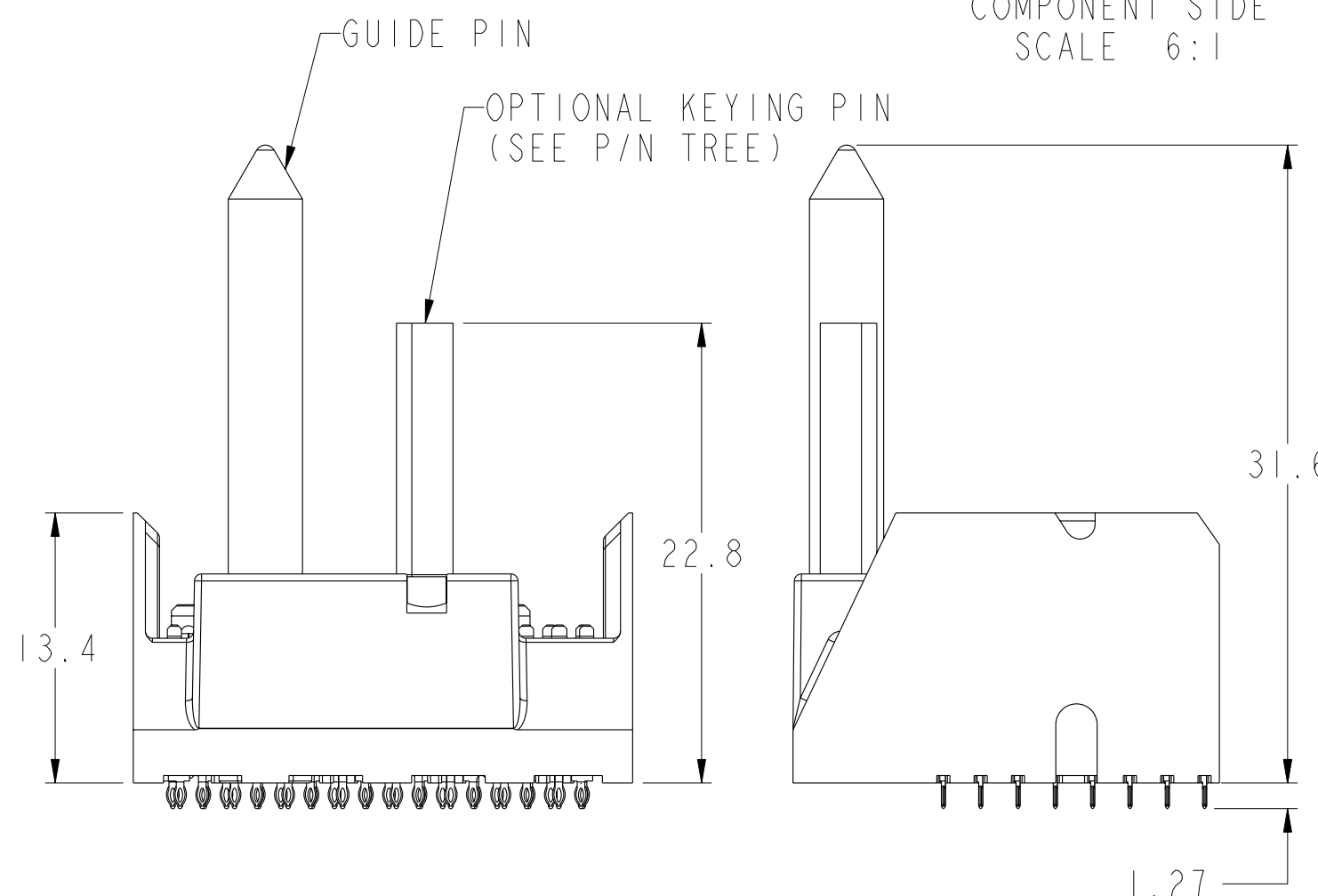
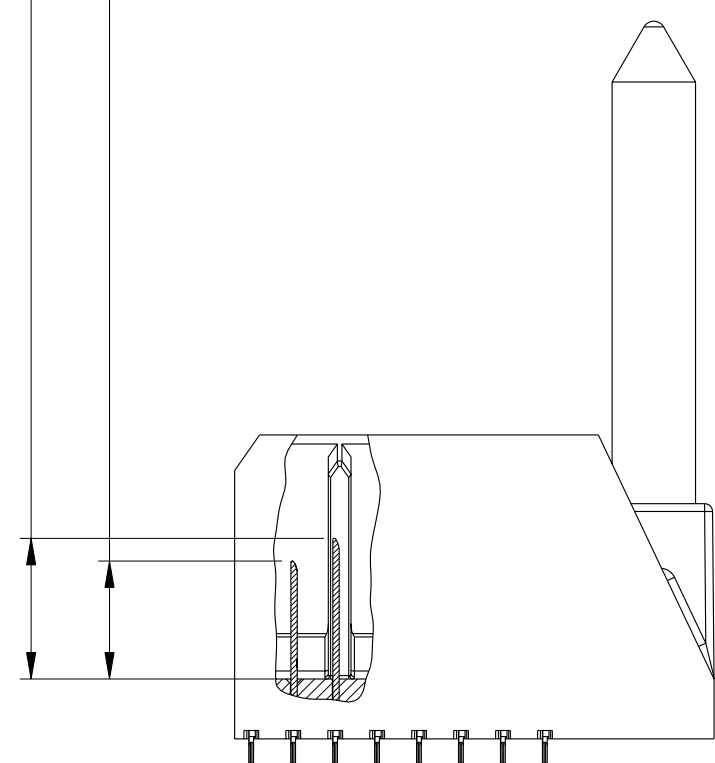
spec ref		SEE NOTES		dr		P S KUMAR		2009-07-04		projection		MM		size		scale			
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		W. J. SWAIN		2009-07-04						A2		4:1			
ASME Y14.5				chr		W. J. SWAIN		2009-07-04						ecn no					
				appr								product family		XCede		rel level		In Work	
surface		linear				title		MODULE ASSEMBLY		dwg no		10091777		rev		3			
		0.X																±0.2	
		0.XX																±0.10	
ASME Y14.5		angular		0°		±°		www.fci.com		cat. no.		SEE P/N TREE		Product - Customer Drw		sheet 3 of 8			

RIGHT POLARIZING/GUIDE MODULE



DETAIL A
SCALE 8:1

6.2 (WIDE GROUNDS)
5.2 (THIN END GROUNDS)
5.2 (3mm WIPE SIGNALS)
4.2 (2mm WIPE SIGNALS)
SEE P/N TREE

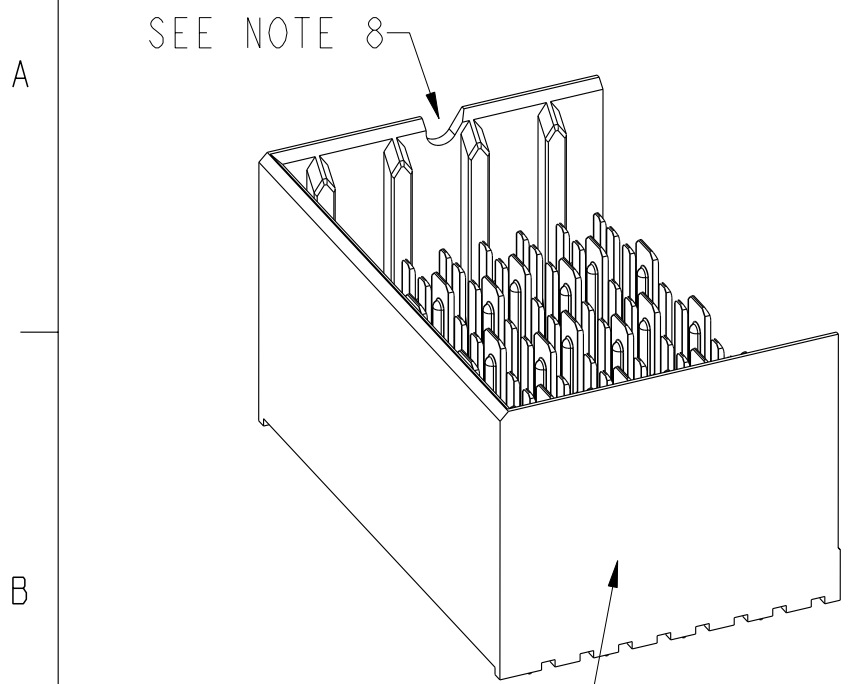


PCB HOLE PATTERN
COMPONENT SIDE
SCALE 6:1

spec ref	SEE NOTES	dr	P S KUMAR	2009-07-04	projection	MM	size	A2	scale	4:1
tolerance std	ASME Y14.5	eng	W. J. SWAIN	2009-07-04	chr	W. J. SWAIN	2009-07-04	ecn no		
surface	✓	appr			product family	XCede	rel level	In Work		
linear	0.X ±0.2 0.XX ±0.10 0.XXX ±0.050	angular	0° ±°		title	MODULE ASSEMBLY VERTICAL HEADER, 8-COLUMN, 4-PAIR	dwg no	10091777	rev	3
ASME Y14.5		www.fci.com	cat. no.	SEE P/N TREE	Product - Customer Drw	sheet 4 of 8				

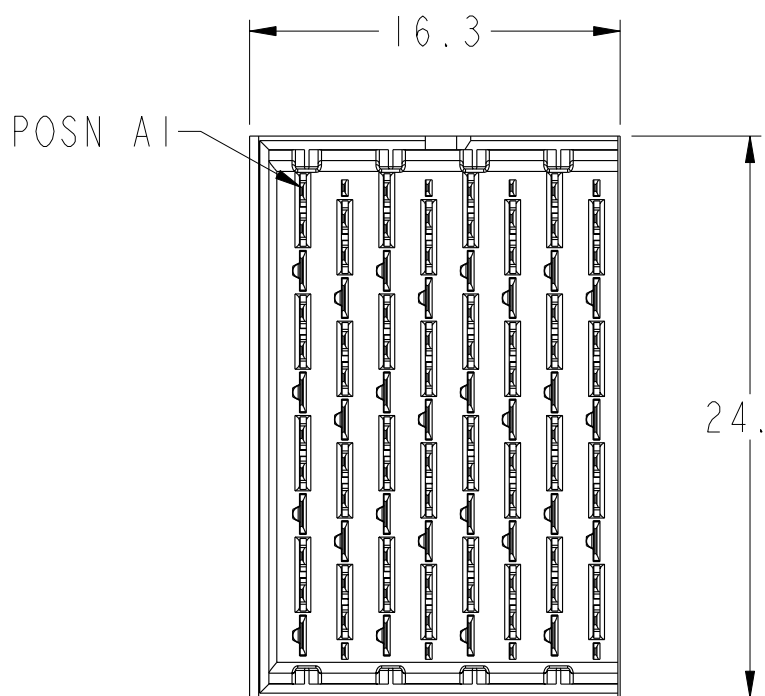
PRELIMINARY

LEFT WALL MODULE



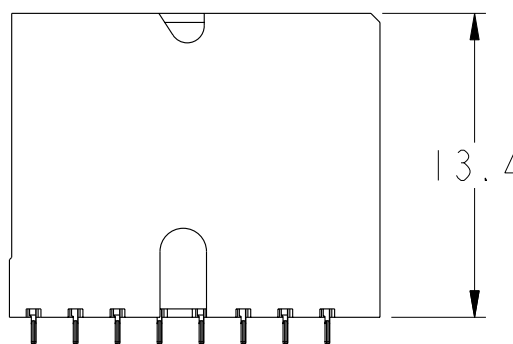
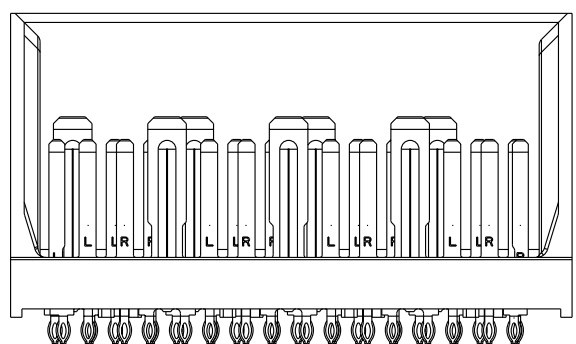
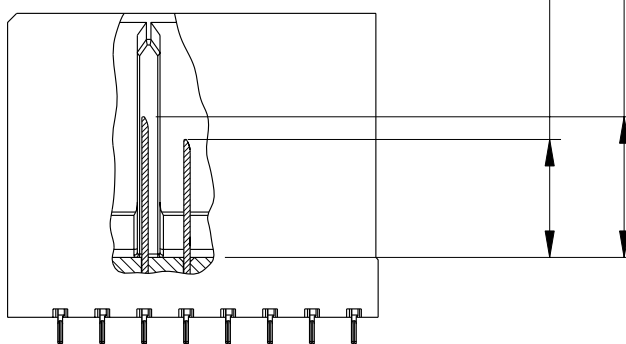
SEE NOTE 5

2.54
TO TOP SURFACE
OF DAUGHTERCARD

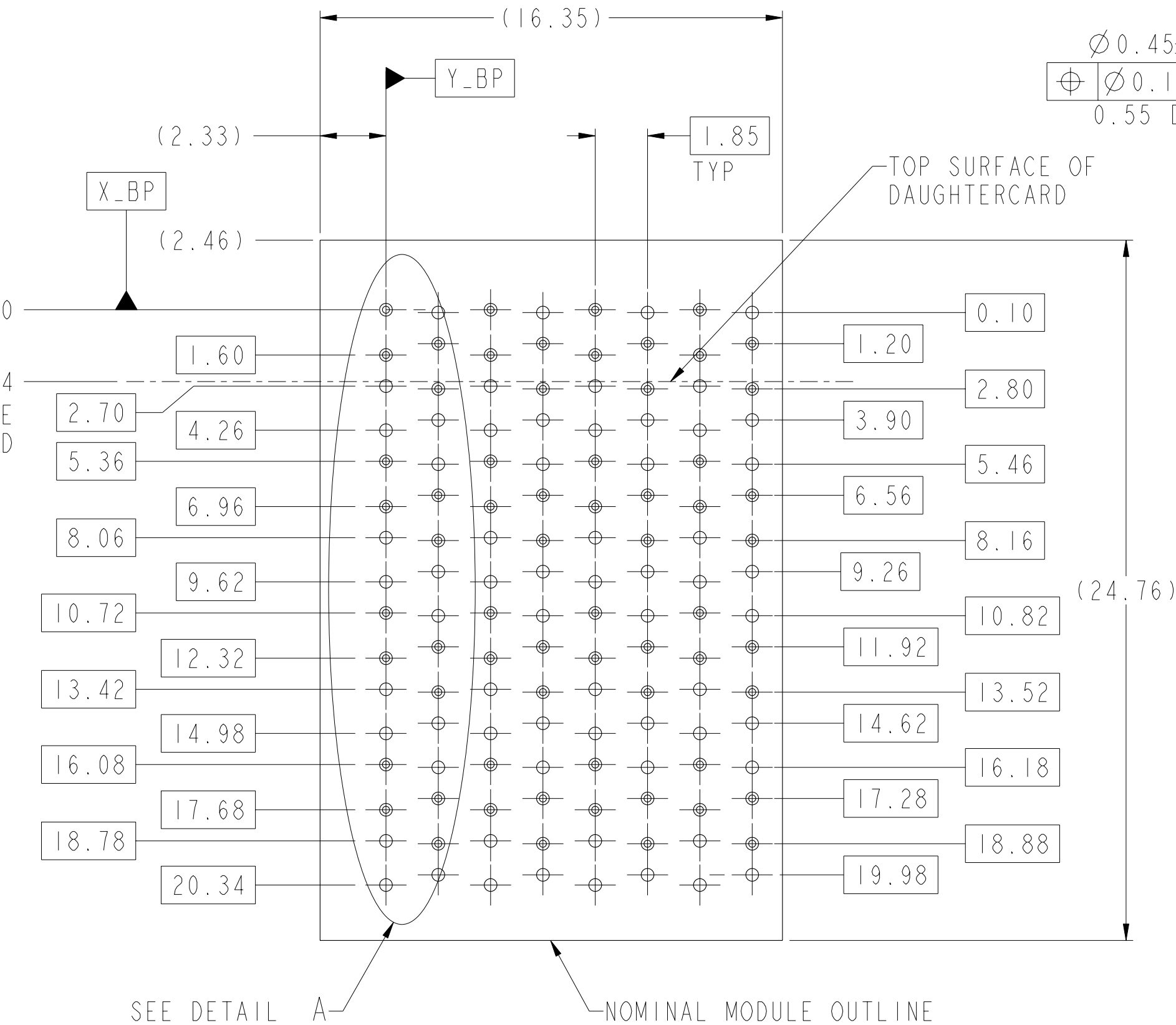


6.2 (WIDE GROUNDS)

5.2 (THIN END GROUNDS)
5.2 (3mm WIPE SIGNALS)
4.2 (2mm WIPE SIGNALS)
SEE P/N TREE



1.27

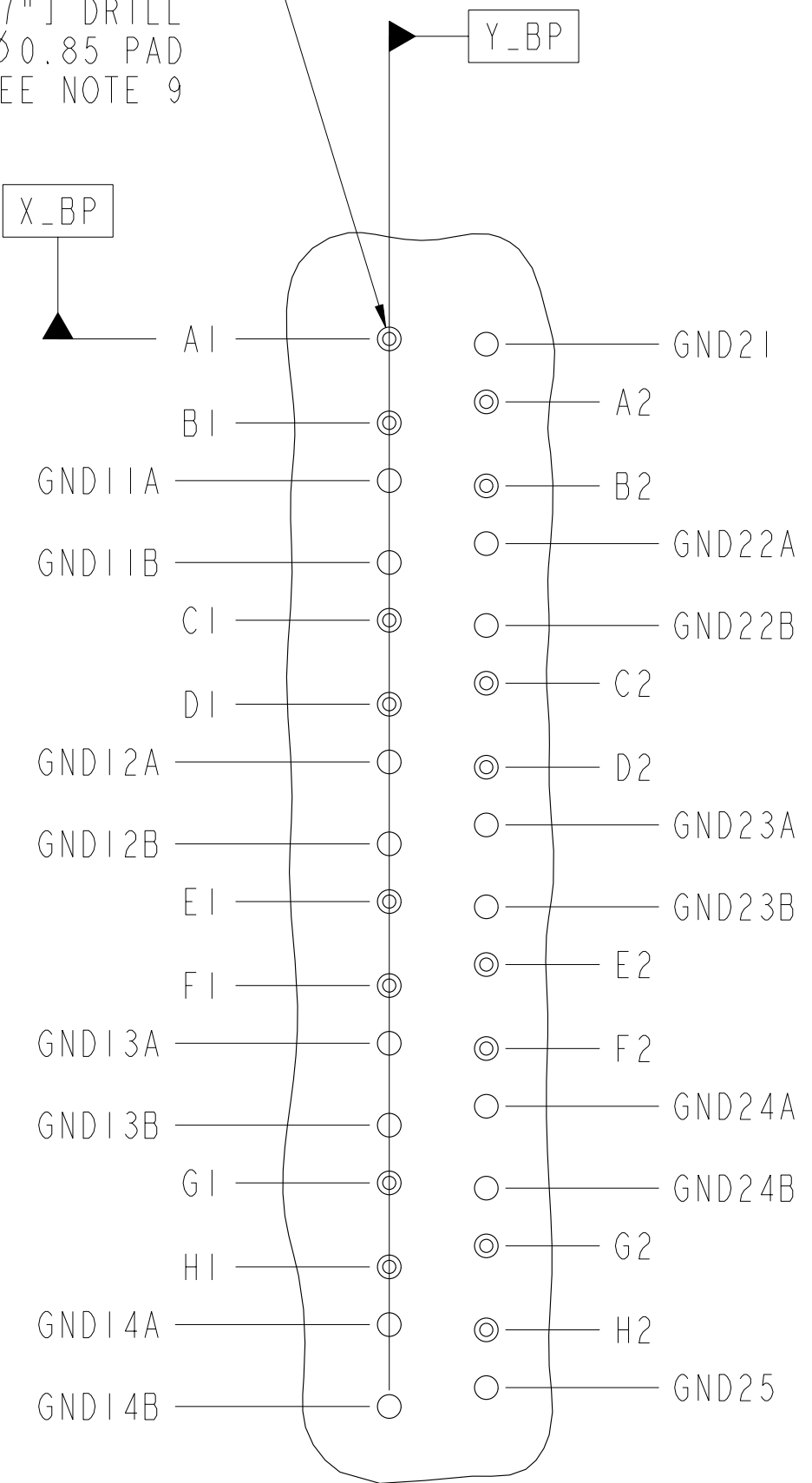


PCB HOLE PATTERN
COMPONENT SIDE
SCALE 6:1

$\varnothing 0.45 \pm 0.05$ PTH TYP

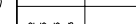
$\varnothing$	$\varnothing 0.10$	A	Y_BP	X_BP
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0.55 [.0217"] DRILL
 $\varnothing 0.85$ PAD
OF SEE NOTE 9



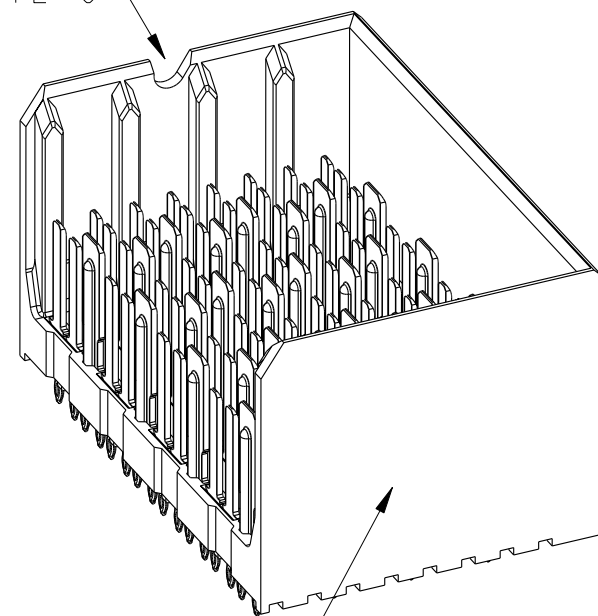
DETAIL A
SCALE 8:1

PRELIMINARY

spec ref		SEE NOTES		dr P. S. KUMAR		2009-07-04		projection		MM		size A2		scale 4:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng W. J. SWAIN		2009-07-04						ecn no		rel level In Work	
ASME Y14.5				chr W. J. SWAIN		2009-07-04									
				appr				product family				XCede			
surface 		linear		0.X ±0.2		±0.10				file MODULE ASSEMBLY VERTICAL HEADER, 8-COLUMN, 4-PAIR		dwg no 10091777		rev 3	
		0.XX ±0.10													
ASME Y14.5		0.XXX ±0.050													
		angular 0° ±0°		www.fci.com		cat. no.		SEE P/N TREE		Product - Customer Drw		sheet 5 of 8			

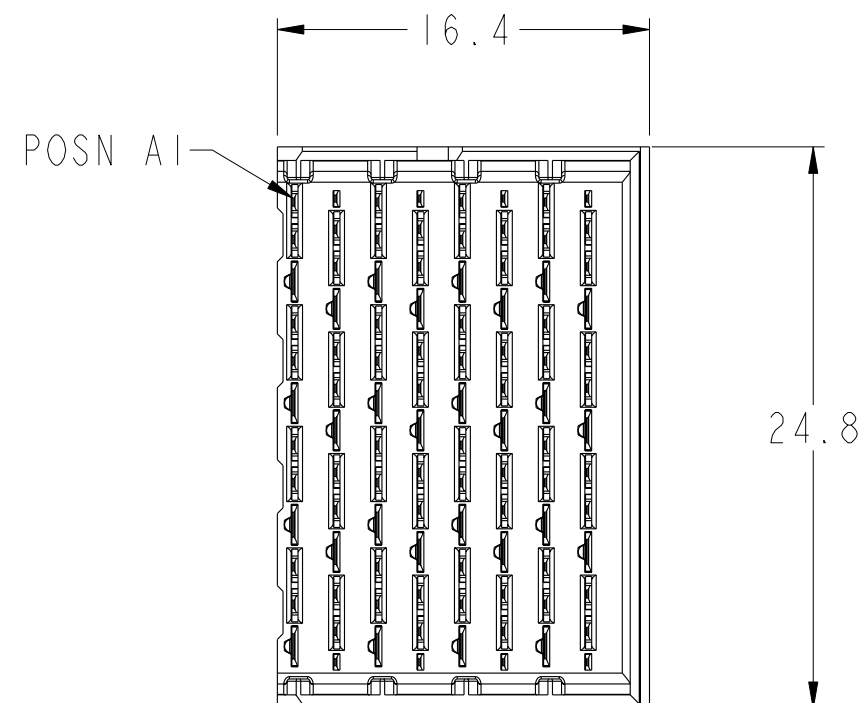
RIGHT WALL MODULE

SEE NOTE 8



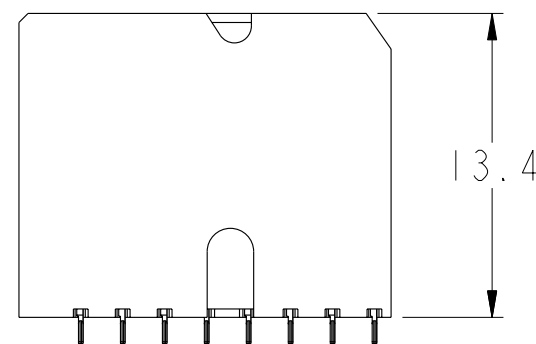
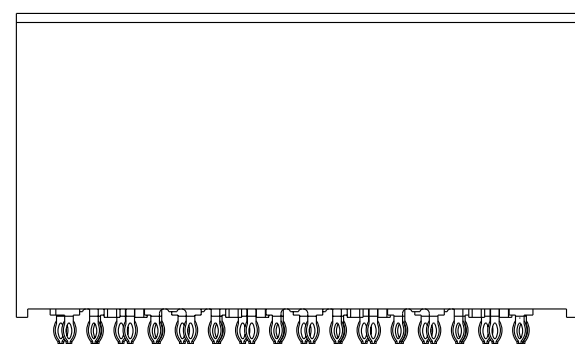
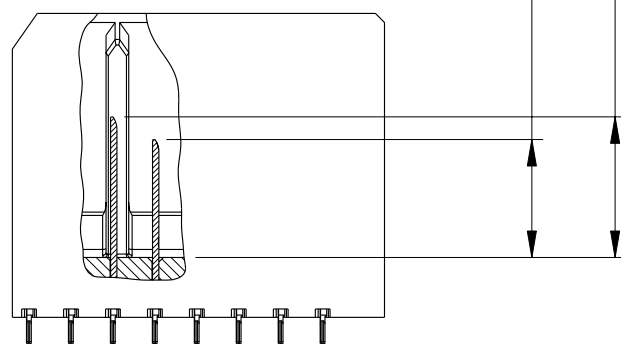
SEE NOTE 5

TO TOP SURFACE OF DAUGHTERCARD



6.2 (WIDE GROUNDS)

5.2 (THIN END GROUNDS)
5.2 (3mm WIPE SIGNALS)
4.2 (2mm WIPE SIGNALS)
SEE P/N TREE



1.27

SEE DETAIL A

PCB HOLE PATTERN
COMPONENT SIDE
SCALE 6:1

(16.40)

Y_BP

(0.73)

(2.46)

1.85

TYP

TOP SURFACE OF DAUGHTERCARD

Ø0.45±0.05 PTH TYP

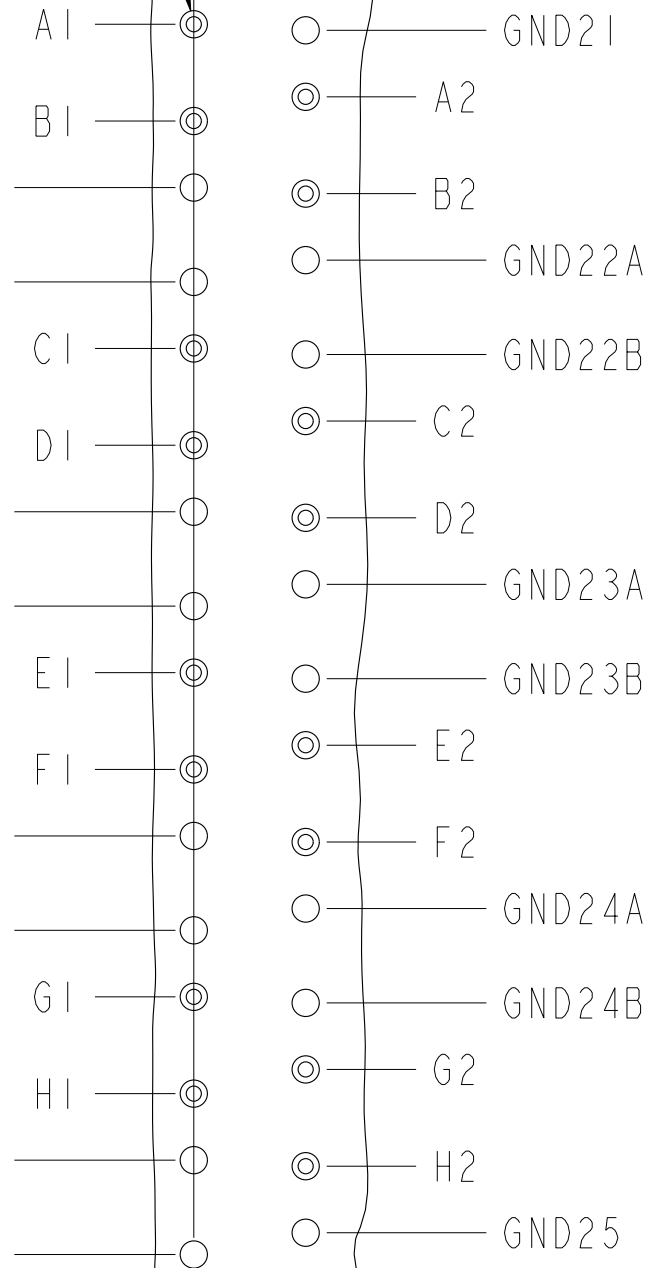
Ø0.10 A Y_BP X_BP

0.55 [0.0217"] DRILL

Ø0.85 PAD

SEE NOTE 9

X_BP



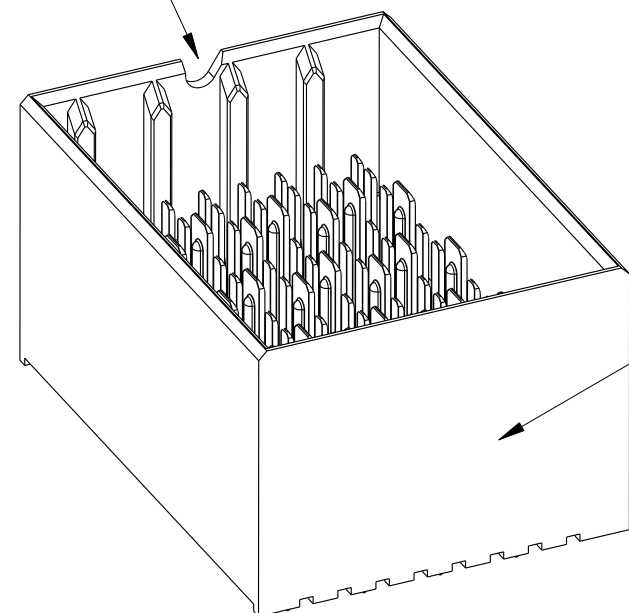
DETAIL A
SCALE 8:1

PRELIMINARY

spec ref	SEE NOTES	dr	P S KUMAR	2009-07-04	projection	MM	size	A2	scale	4:1
tolerance std	ASME Y14.5	eng	W. J. SWAIN	2009-07-04	chr	W. J. SWAIN	2009-07-04	ecn no		
surface	✓	appr			product family	XCode	rel level	In Work		
linear	0.X ±0.2 0.XX ±0.10 0.XXX ±0.050	angular	0° ±0°		title	MODULE ASSEMBLY VERTICAL HEADER, 8-COLUMN, 4-PAIR	dwg no	10091777	rev	3
ASME Y14.5		www.fci.com	cat. no.	SEE P/N TREE	Product - Customer Drw	sheet 6 of 8				

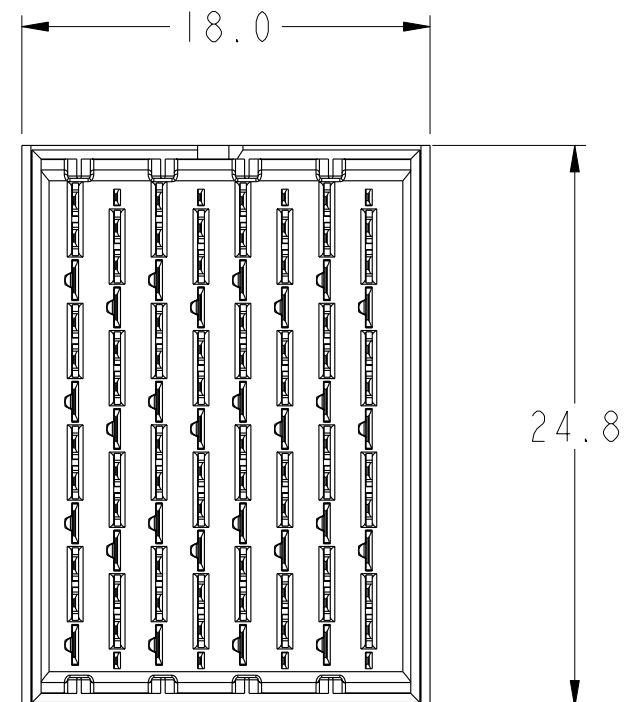
FOUR WALL MODULE

SEE NOTE 8



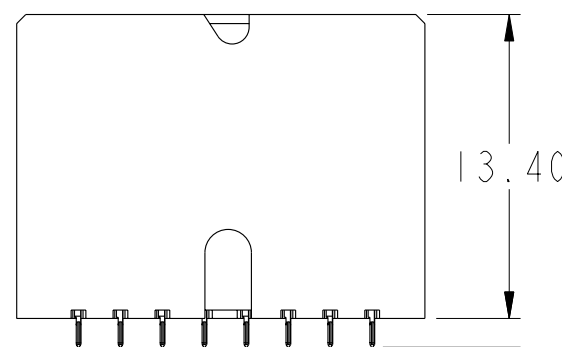
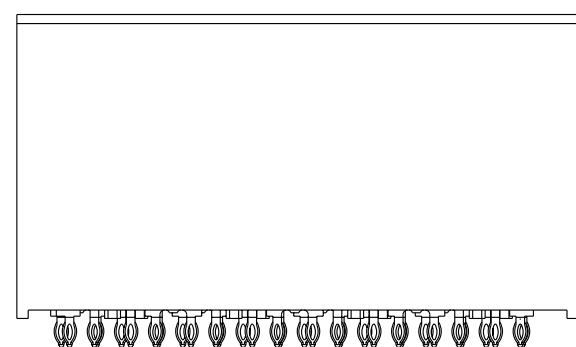
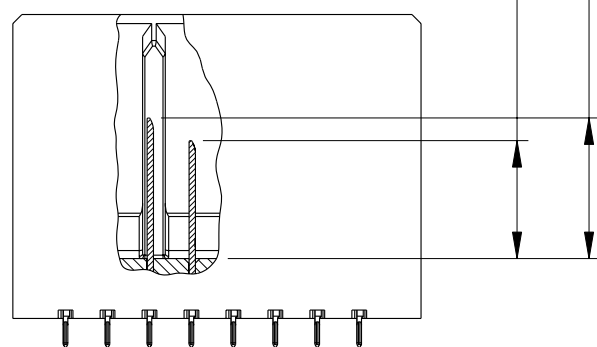
SEE NOTE 5

2.54
TO TOP SURFACE
OF DAUGHTERCARD

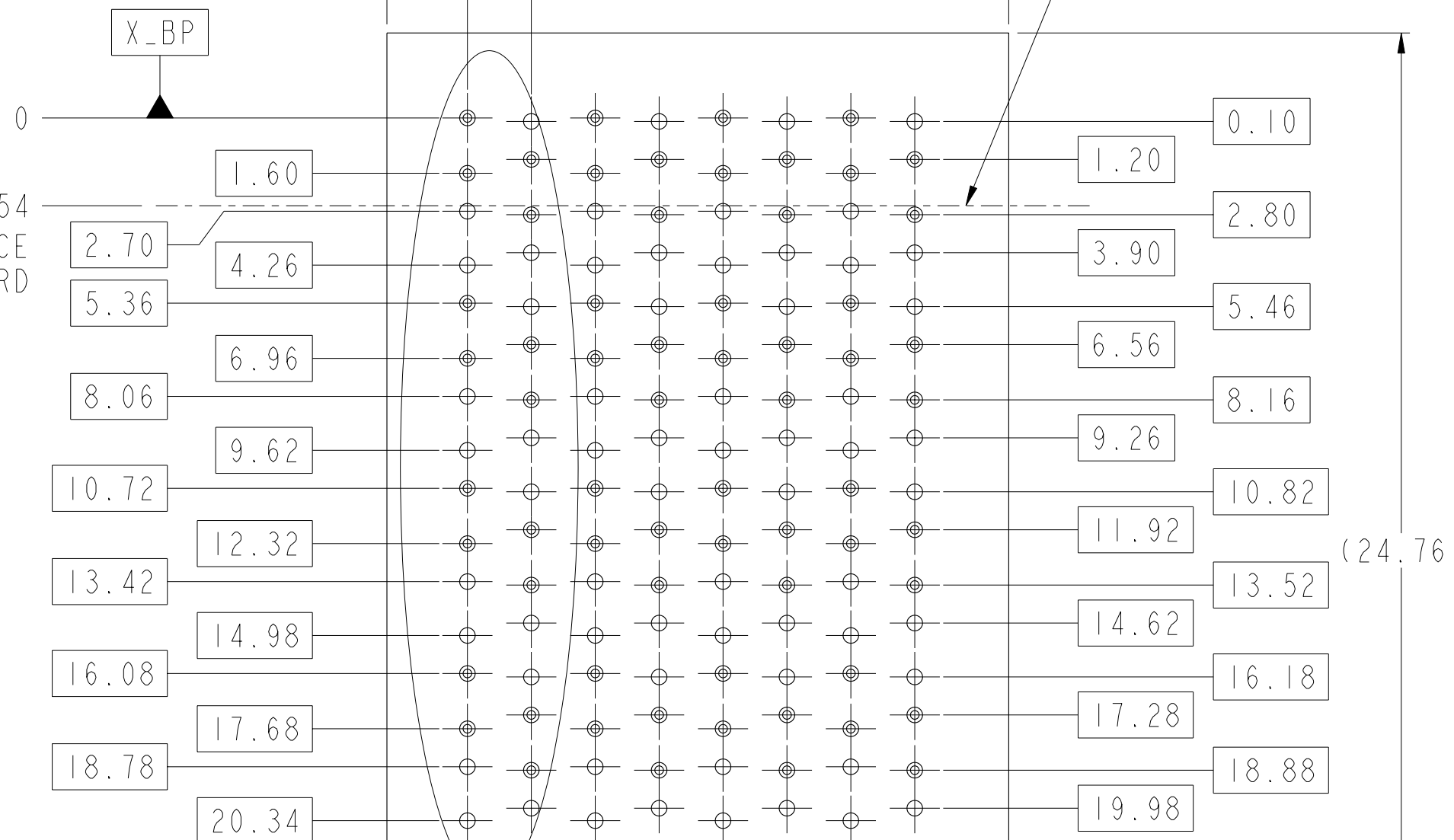
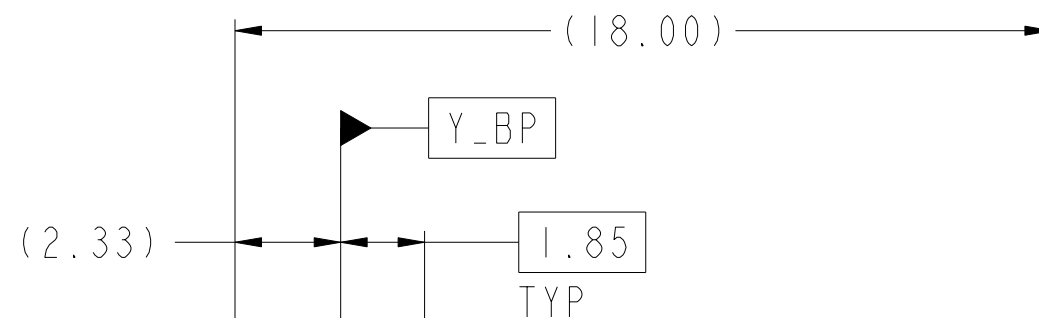


6.20 (WIDE GROUNDS)

5.20 (THIN END GROUNDS)
5.2 (3mm WIPE SIGNALS)
4.2 (2mm WIPE SIGNALS)
SEE P/N TREE



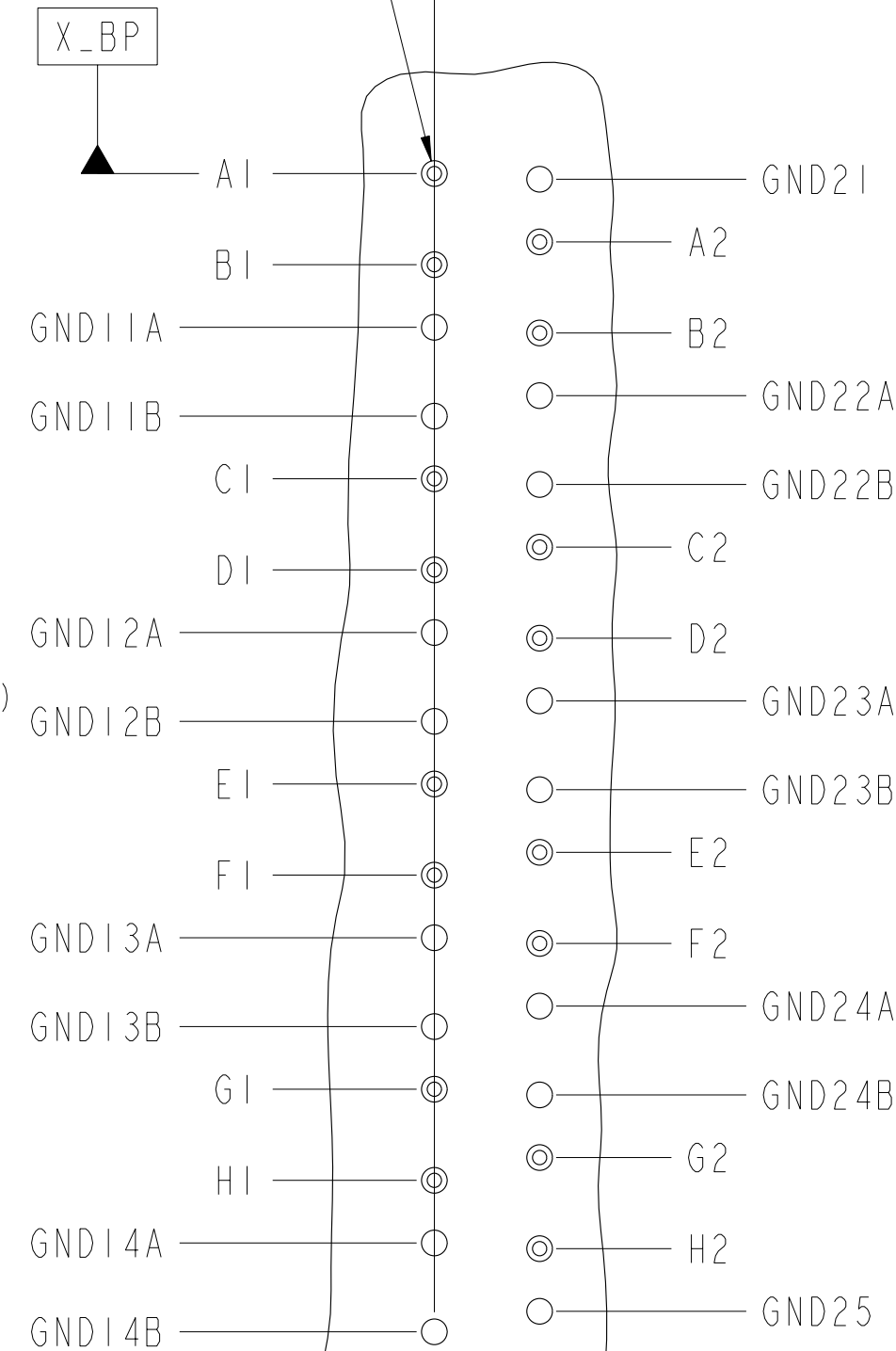
1.27



SEE DETAIL B

NOMINAL MODULE OUTLINE

$\varnothing 0.45 \pm 0.05$ PTH TYP
 $\varnothing 0.10$ A Y_BP X_BP
0.55 [0.0217"] DRILL
 $\varnothing 0.85$ PAD
SEE NOTE 9



DETAIL B
SCALE 8:1

PRELIMINARY

spec ref	SEE NOTES	dr	P S KUMAR	2009-07-04	projection	MM	size	A2	scale	3:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	W. J. SWAIN	2009-07-04		MM	ecn no	rel level	In Work	rev
ASME Y14.5		chr	W. J. SWAIN	2009-07-04						
surface	linear	appr			product family	XCode	10091777			3
ASME Y14.5	angular				cat. no.	SEE P/N TREE	Product - Customer Drw		sheet 7 of 8	



MODULE ASSEMBLY
VERTICAL HEADER, 8-COLUMN, 4-PAIR

10091777
3

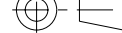
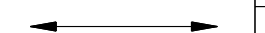
NOTES:

1. CONNECTOR MATERIALS
SHROUD: HIGH-TEMP THERMOPLASTIC, UL94V-0
CONTACTS: HIGH PERFORMANCE COPPER ALLOY
2. CONTACT PLATING:

SEPARABLE INTERFACE: PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-588, INCLUDING THE TELCORDIA GR-1217-CORE (NOVEMBER 1995) CENTRAL OFFICE (CO) OR UNCONTROLLED ENVIRONMENT (UE) TEST SEQUENCE AS NOTED IN P/N TREE.

PRESS-FIT TAILS: TIN OVER NICKEL (LF), OR TIN-LEAD ALLOY OVER NICKEL (NON-LF). SEE P/N TREE.
3. PRODUCT SPECIFICATION: GS-12-588 (PRELIMINARY)
4. APPLICATION SPECIFICATION: GS-20-121 (PRELIMINARY)
5. PRODUCT MARKING (PART NUMBER AND LOT CODE) ON THESE SURFACES.
6. HOUSING MUST WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 40 SECONDS IN A CONVECTION, INFRA-RED, OR VAPOR-PHASE REFLOW OVEN.
7. PACKAGING MEETS GS-14-920 LEAD-FREE LABELING SPECIFICATION.
8. NOTCH INDICATES "ROW A" SIDE OF CONNECTOR.
9. SEE APPLICATION SPECIFICATION FOR ROUTING GUIDELINES, ADDITIONAL PTH GUIDELINES, MATED DIMENSIONS, GUIDE PN SELECTION, ETC.
10. SCREW IS OPTIONAL AND ENGAGES WITH BOTTOM OF GUIDE-PIN FROM BENEATH THE PCB FOR ADDITIONAL GUIDE-PIN SUPPORT.
11. OPTIONAL HOLE LOCATION FOR GROUNDED PIN OR ADDITIONAL GUIDE-PIN SUPPORT. SEE TABLE 1 ON SHEET 1 FOR ADDITIONAL DETAILS.

PRELIMINARY

spec ref	SEE NOTES			dr	P S KUMAR		2009-07-04	projection  product family	MM 		size	A2	scale	4:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	W. J. SWAIN		2009-07-04		ecn no	rel level	In Work			
ASME Y14.5				chr	W. J. SWAIN		2009-07-04							
				appr										
surface 	linear	0.X	±0.2		title	MODULE ASSEMBLY VERTICAL HEADER, 8-COLUMN, 4-PAIR			dwg no	10091777		rev		
		0.XX	±0.10											
ASME Y14.5		0.XXX	±0.050											
	angular	0°	±°	www.fci.com	cat. no.	SEE P/N TREE	Product - Customer Drw			sheet 8 of 8				