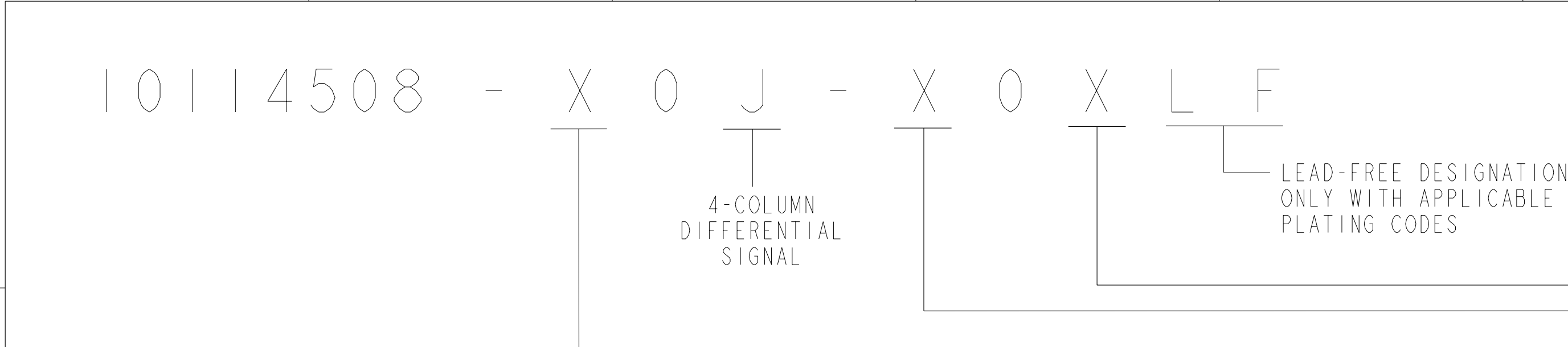




LETTER	PLATING (SEE NOTE 2)	
	APPLICATION	TYPE (REFERENCE)
B	TELCORDIA CO	0.76um GOLD or GXT
C	TELCORDIA UE	1.27um GOLD
D	TELCORDIA CO	0.76um GOLD or GXT, LEAD-FREE
E	TELCORDIA UE	1.27um GOLD, LEAD-FREE

MODULE DESCRIPTION	LETTER DESIGNATION REPRESENTED IN DASH NUMBER										BASE MODULE
LEFT POLARIZING GUIDANCE MODULE (SEE SHEET 3)	J	A	B	C	D	E	F	G	H		
RIGHT POLARIZING GUIDANCE MODULE (SEE SHEET 4)	Y	P	Q	R	S	T	U	V	W		
OPEN MODULE (TWO WALL) (SEE SHEET 2)	0 (ZERO)										
LEFT WALL MODULE (SEE SHEET 5)	L										
RIGHT WALL MODULE (SEE SHEET 6)	M										
FOUR WALL MODULE (SEE SHEET 7)	1										

NUMBER	CONTACT MATING WIPE LENGTH		COMPLIANT PIN DRILL SIZE
	SIGNAL	WIDE GROUND	
1	2	4	Ø0.55 [0.0217"]
2	3	4	Ø0.55 [0.0217"]
3	2	4	Ø0.45 [0.0177"]
4	3	4	Ø0.45 [0.0177"]
5	2	3	Ø0.55 [0.0217"]
6	3	3	Ø0.55 [0.0217"]
7	2	3	Ø0.45 [0.0177"]
8	3	3	Ø0.45 [0.0177"]

TABLE 1: OPTIONAL PCB HOLE SIZE (SEE NOTE 11)		
	GROUNDED	UNGROUNDED
FINISHED	Ø2.35-2.55	Ø2.35-2.55
PAD	Ø5.50	N/A
PLATED	YES	NO
DRILL (mm/in)	2.58 /.1015	2.44 /.096

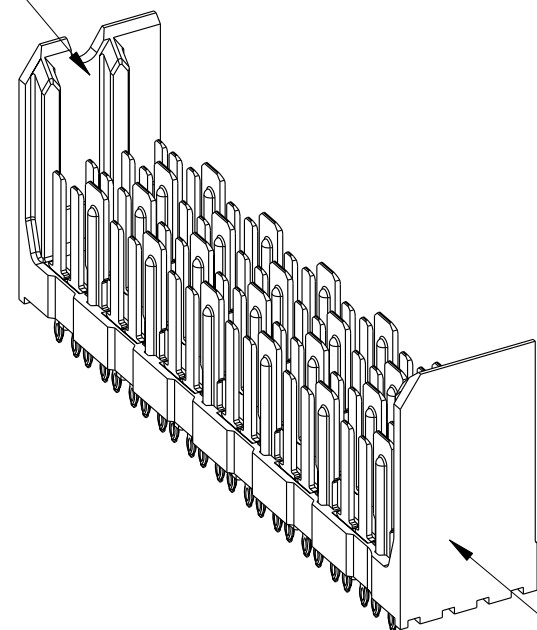
TABLE 2: OPTIONAL SCREW TYPE (SEE NOTE 10)		
SCREW P/N	DESCRIPTION	BOARD THICKNESS
10104997-002LF	#2-56 X .375" PHILLIPS PANHEAD W/SQ CONICAL WASHER	1.60 - 5.00
10104997-003LF	#2-56 X .500" PHILLIPS PANHEAD W/SQ CONICAL WASHER	5.00 - 10.00

PRELIMINARY

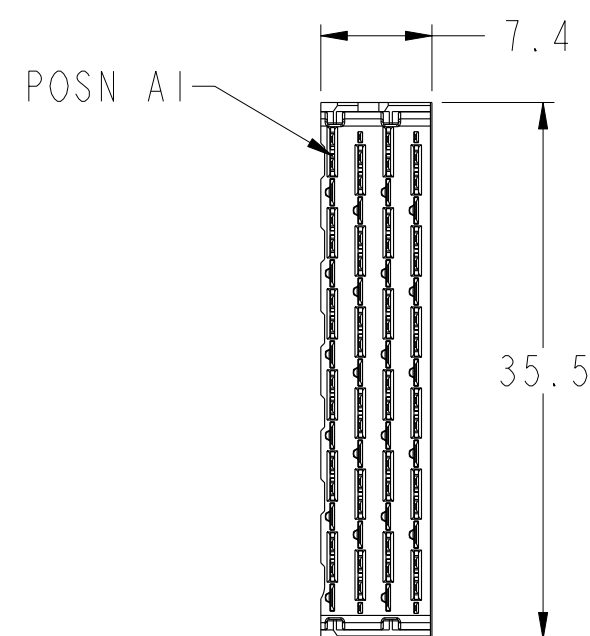
spec ref	SEE NOTES			dr	KH LEE		2010-04-19		projection	MM	size	A2	scale	4:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	KH LEE		2010-04-19				ecn no rel level In Work			
ASME Y14.5				chr	KH LEE		2010-04-19							
				appr	-		-		product family		XCede			
surface	linear	0.X	±0.2		file	MODULE ASSEMBLY				dwg no	10114508		rev	2
		0.XX	±0.10											
		0.XXX	±0.050			VERTICAL HEADER, 4-COLUMN, 6-PAIR								
ASME Y14.5	angular	0°	±°	www.fci.com	cat. no.	SEE P/N TREE		Product - Customer Drw				sheet 1 of 8		

OPEN (2-WALL) MODULE

SEE NOTE 8



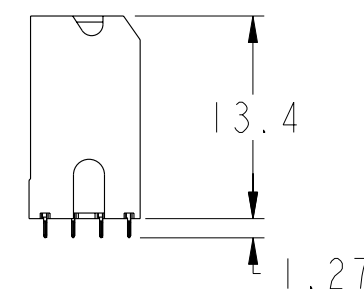
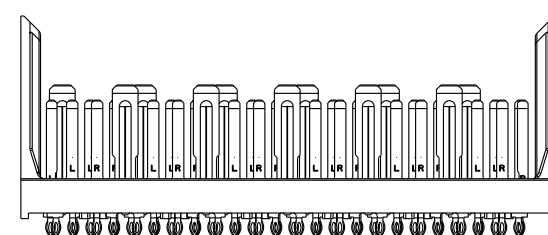
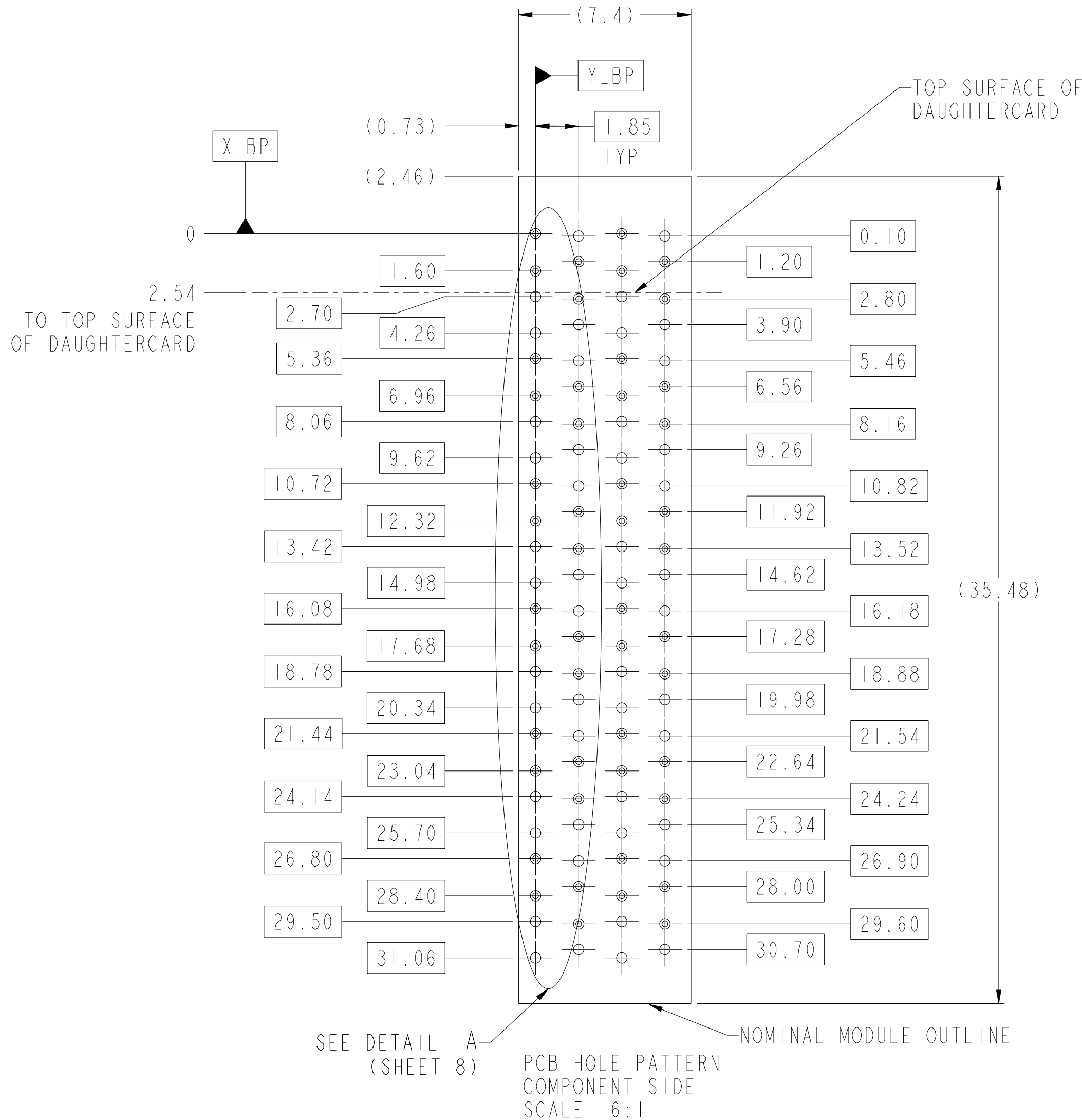
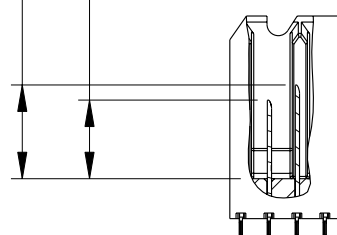
SEE NOTE 5



POSN A1

6.2 (4mm WIPE WIDE GROUNDS)
5.2 (3mm WIPE WIDE GROUNDS)
5.2 (THIN END GROUNDS)
5.2 (3mm WIPE SIGNALS)
4.2 (2mm WIPE SIGNALS)

(SEE P/N TREE FOR
ALL COMBINATIONS AVAILABLE)

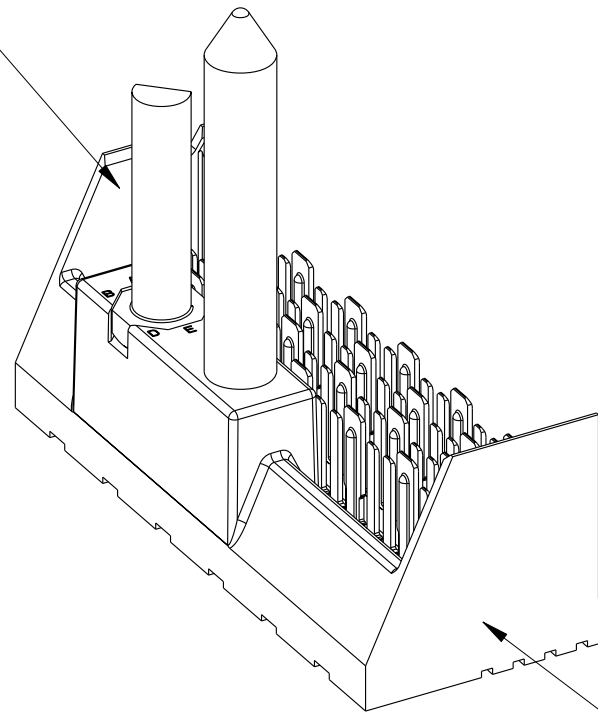


spec ref		SEE NOTES		dr		KH LEE		2010-04-19		projection		MM		size		scale			
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		KH LEE		2010-04-19						A2		4:1			
ASME Y14.5				chr		KH LEE		2010-04-19						ecn no					
				appr		-				product family		XCede		rel level		In Work			
surface				linear				title		MODULE ASSEMBLY VERTICAL HEADER, 4-COLUMN, 6-PAIR		dwg no		10114508		rev			
				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 2 of 8					

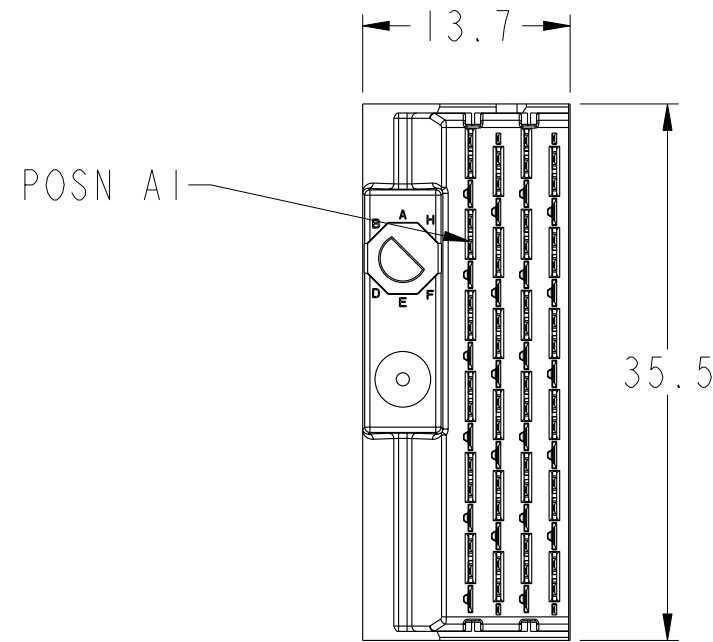
PRELIMINARY

LEFT POLARIZING/GUIDE MODULE

SEE NOTE 8

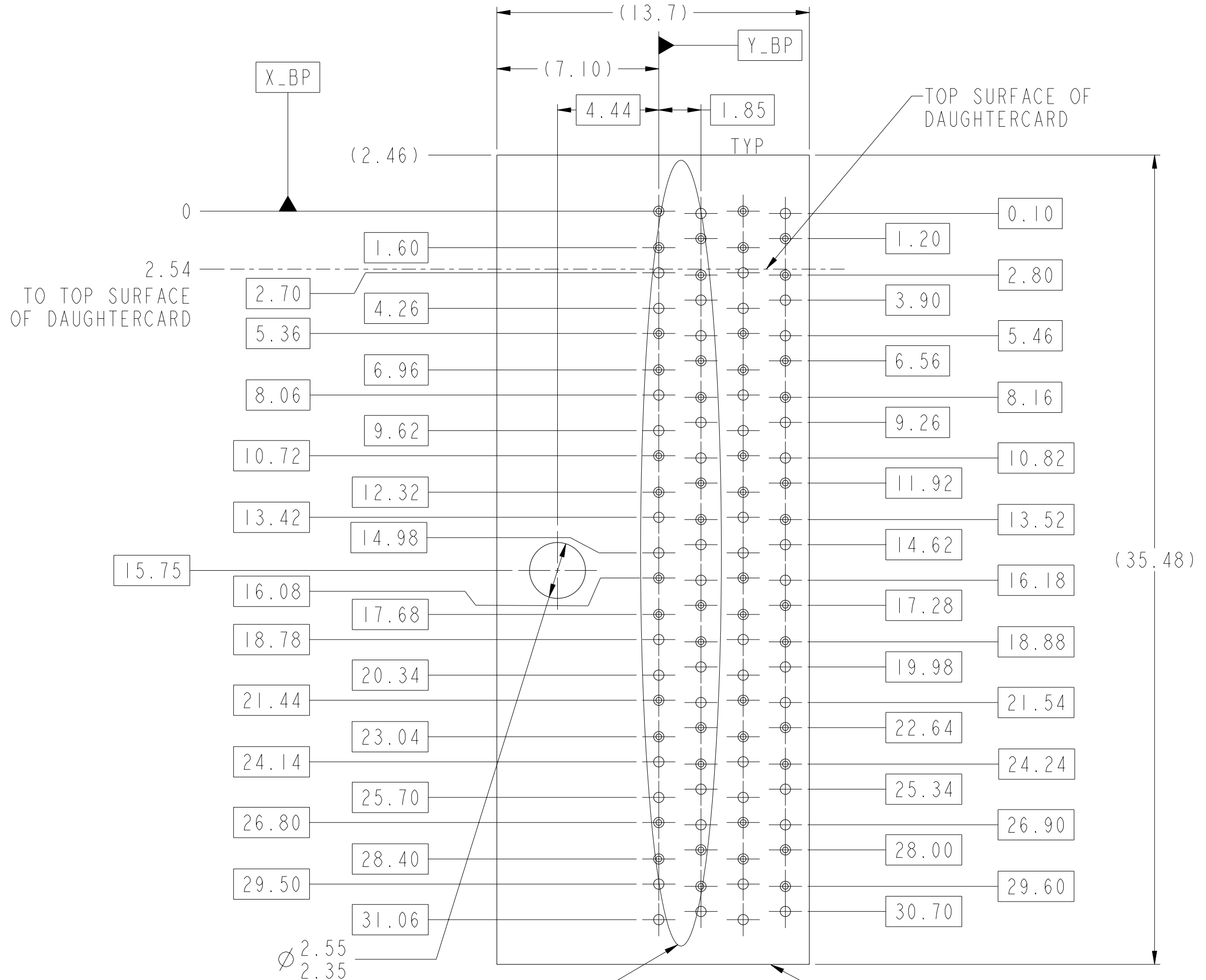
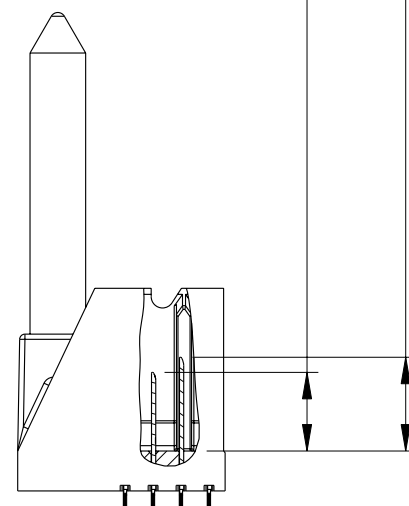


SEE NOTE 5

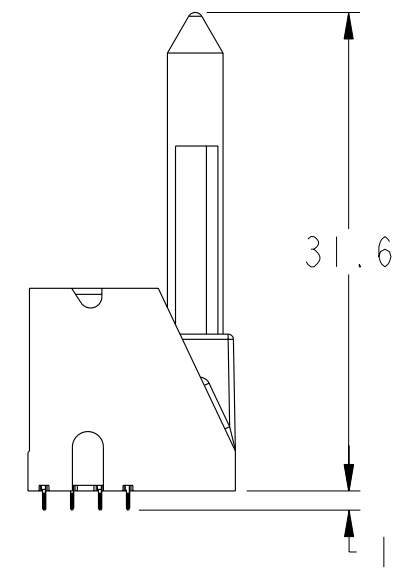
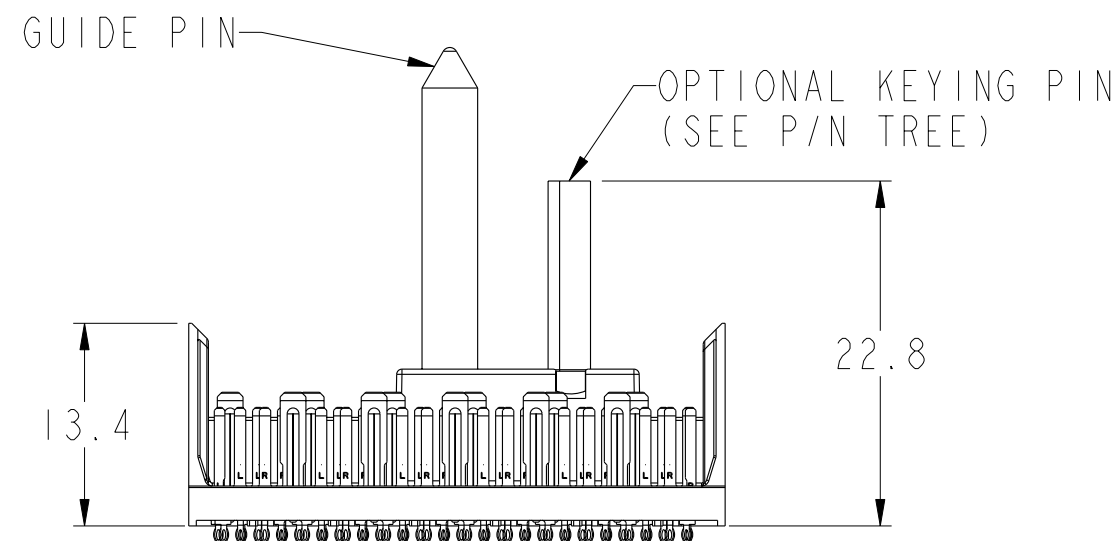


6.200 (4mm WIPE WIDE GROUNDS)
5.2 (3mm WIPE WIDE GROUNDS)
5.2 (THIN END GROUNDS)
5.2 (3mm WIPE SIGNALS)
4.2 (2mm WIPE SIGNALS)

(SEE P/N TREE FOR ALL COMBINATIONS AVAILABLE)



0.1 A Y_BP X_BP
SEE NOTE 11 & TABLE 1

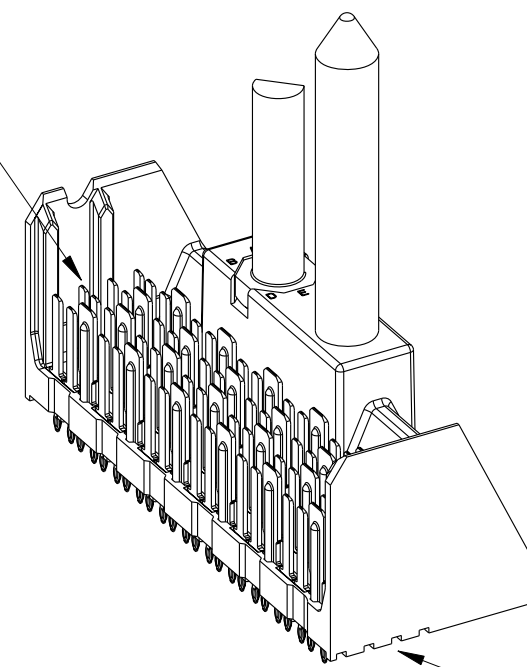


spec ref	SEE NOTES	dr	KH LEE	2010-04-19	projection	MM	size	A2	scale	4:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	KH LEE	2010-04-19	chr	KH LEE	2010-04-19	ecn no		
ASME Y14.5		appr	-	-	product family	XCede	rel level	In Work		
surface	linear	0.X	±0.2	0.XX	±0.10	0.XXX	±0.050	angular	0°	±°
ASME Y14.5										
FCI MODULE ASSEMBLY VERTICAL HEADER, 4-COLUMN, 6-PAIR										
cat. no. SEE P/N TREE							Product - Customer Drw			
sheet 3 of 8								rev 2		

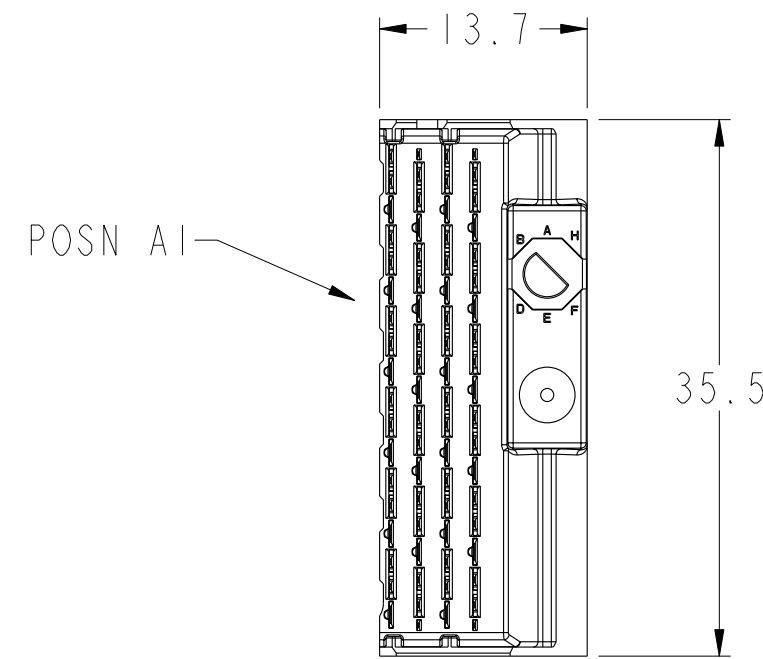
PRELIMINARY

RIGHT POLARIZING/GUIDE MODULE

SEE NOTE 8

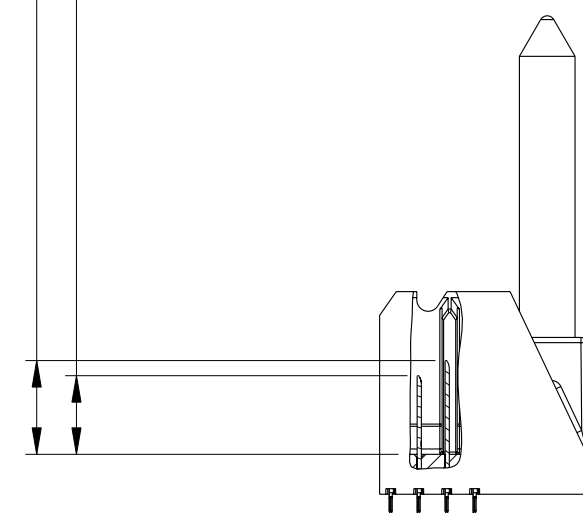


SEE NOTE 5

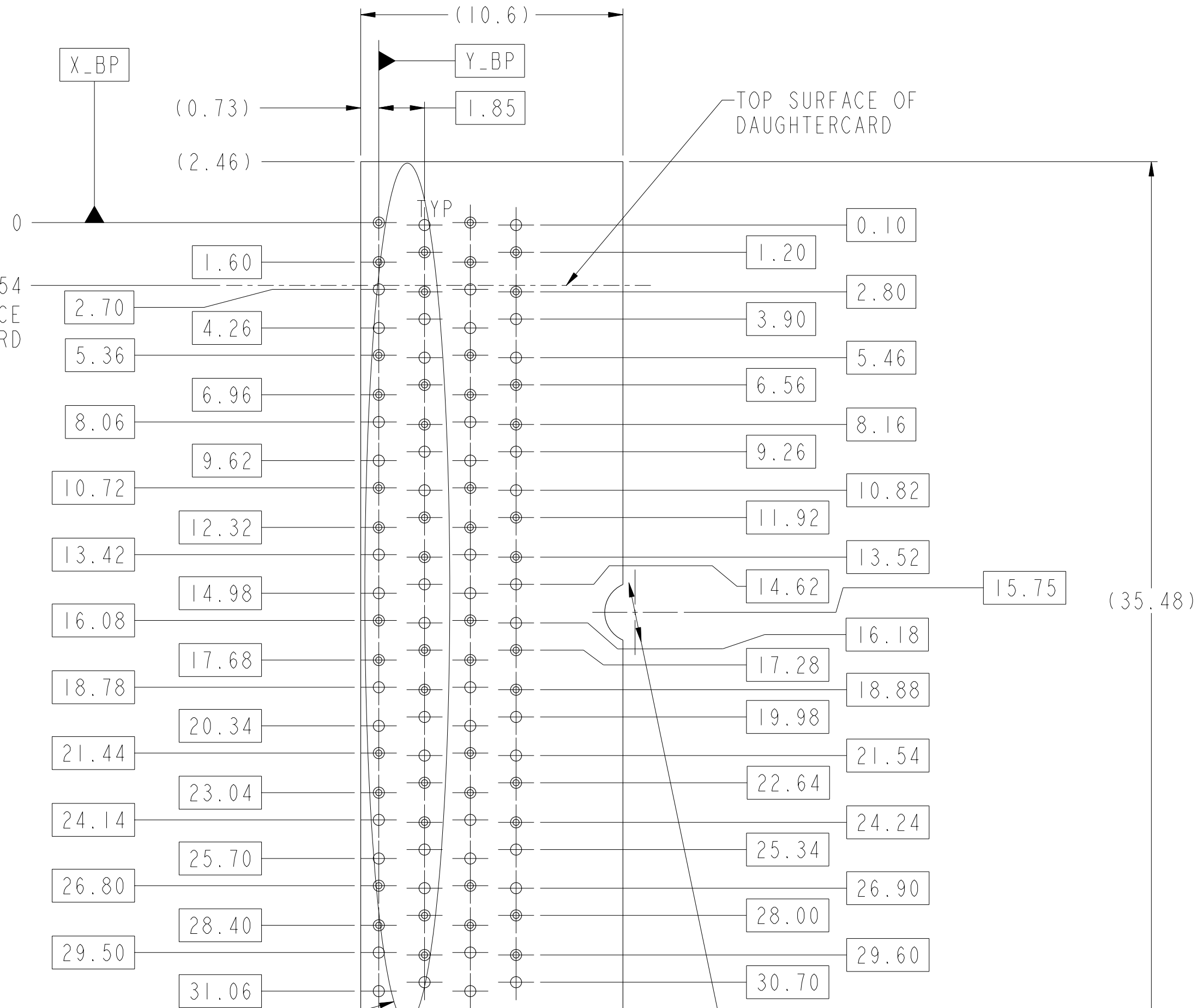


- 6.2 (4mm WIPE WIDE GROUNDS)
- 5.2 (3mm WIPE WIDE GROUNDS)
- 5.2 (THIN END GROUNDS)
- 5.2 (3mm WIPE SIGNALS)
- 4.2 (2mm WIPE SIGNALS)

(SEE P/N TREE FOR ALL COMBINATIONS AVAILABLE)



TO TOP SURFACE OF DAUGHTERCARD

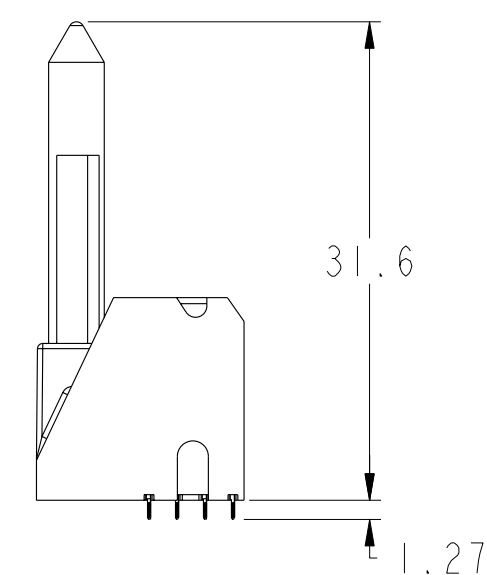
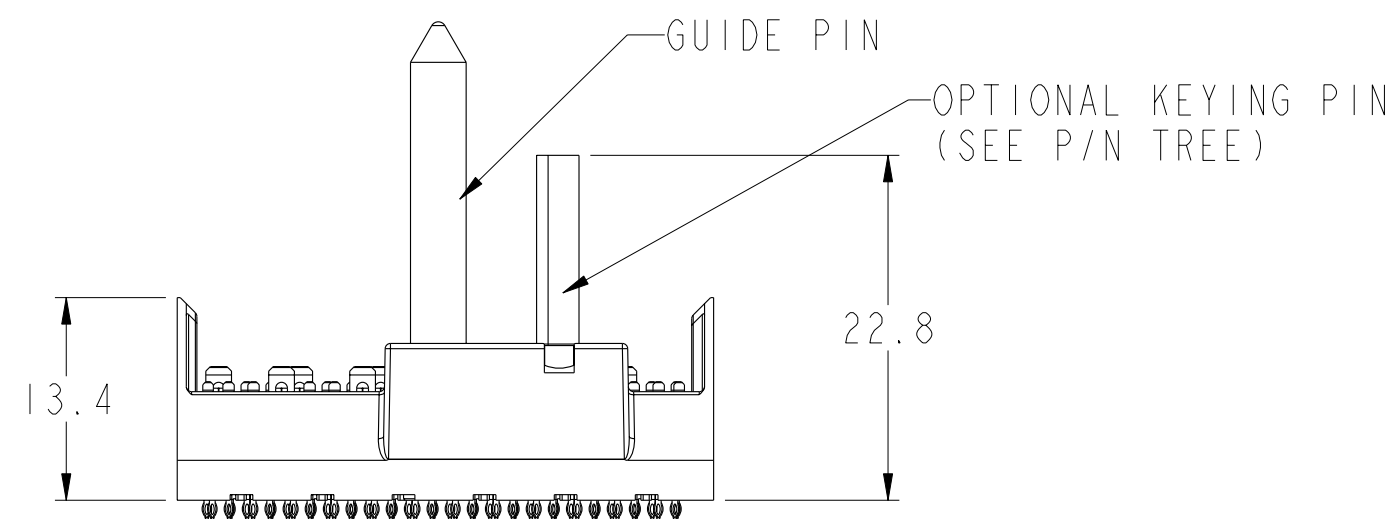


SEE DETAIL A (SHEET 8)

PCB HOLE PATTERN COMPONENT SIDE SCALE 6:1

Ø 2.55
2.35
0.10 A Y_BP X_BP
SEE NOTE 11 & TABLE 1

NOMINAL MODULE OUTLINE



spec ref	SEE NOTES	dr	KH LEE	2010-04-19	projection	MM	size	A2	scale	4:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	KH LEE	2010-04-19	product family	XCode	rel level	In Work		
ASME Y14.5		chr	KH LEE	2010-04-19	cat. no.	SEE P/N TREE	Product - Customer Drw	sheet 4 of 8		
surface	linear	0.X	±0.2							
		0.XX	±0.10							
		0.XXX	±0.050							
ASME Y14.5	angular	0°	±°							

PRELIMINARY



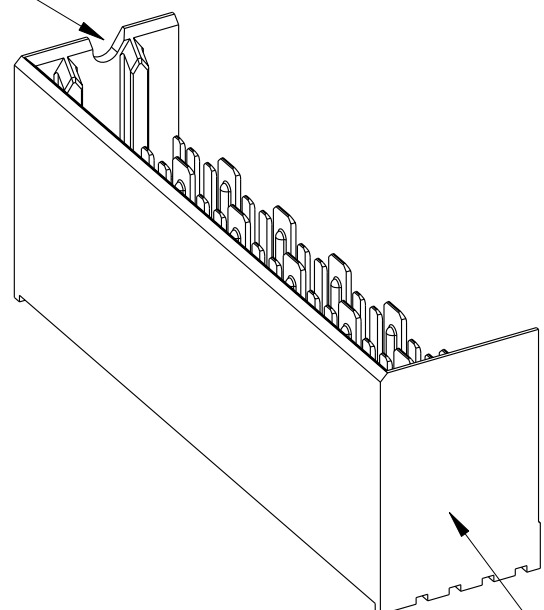
MODULE ASSEMBLY
VERTICAL HEADER, 4-COLUMN, 6-PAIR

10114508

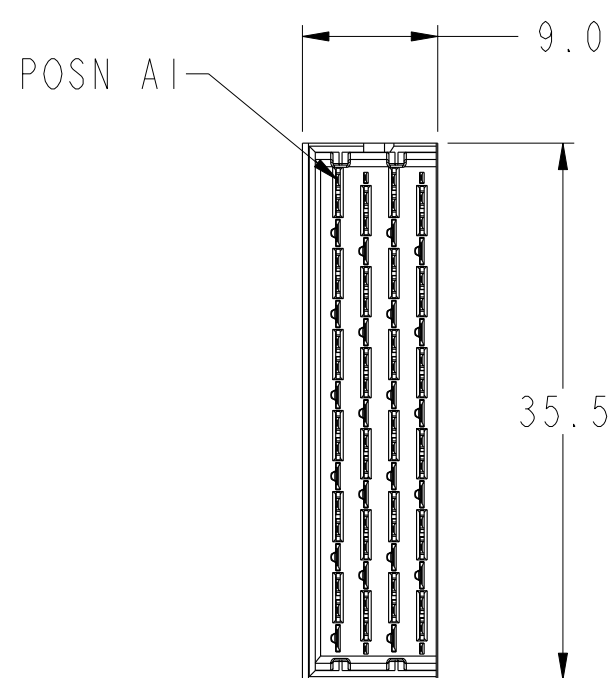
2

LEFT WALL MODULE

SEE NOTE 8

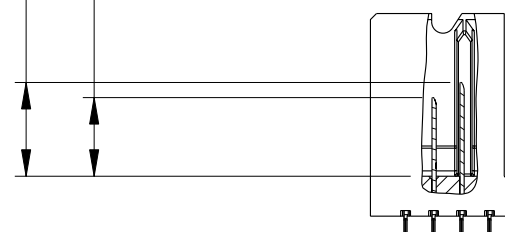


SEE NOTE 5

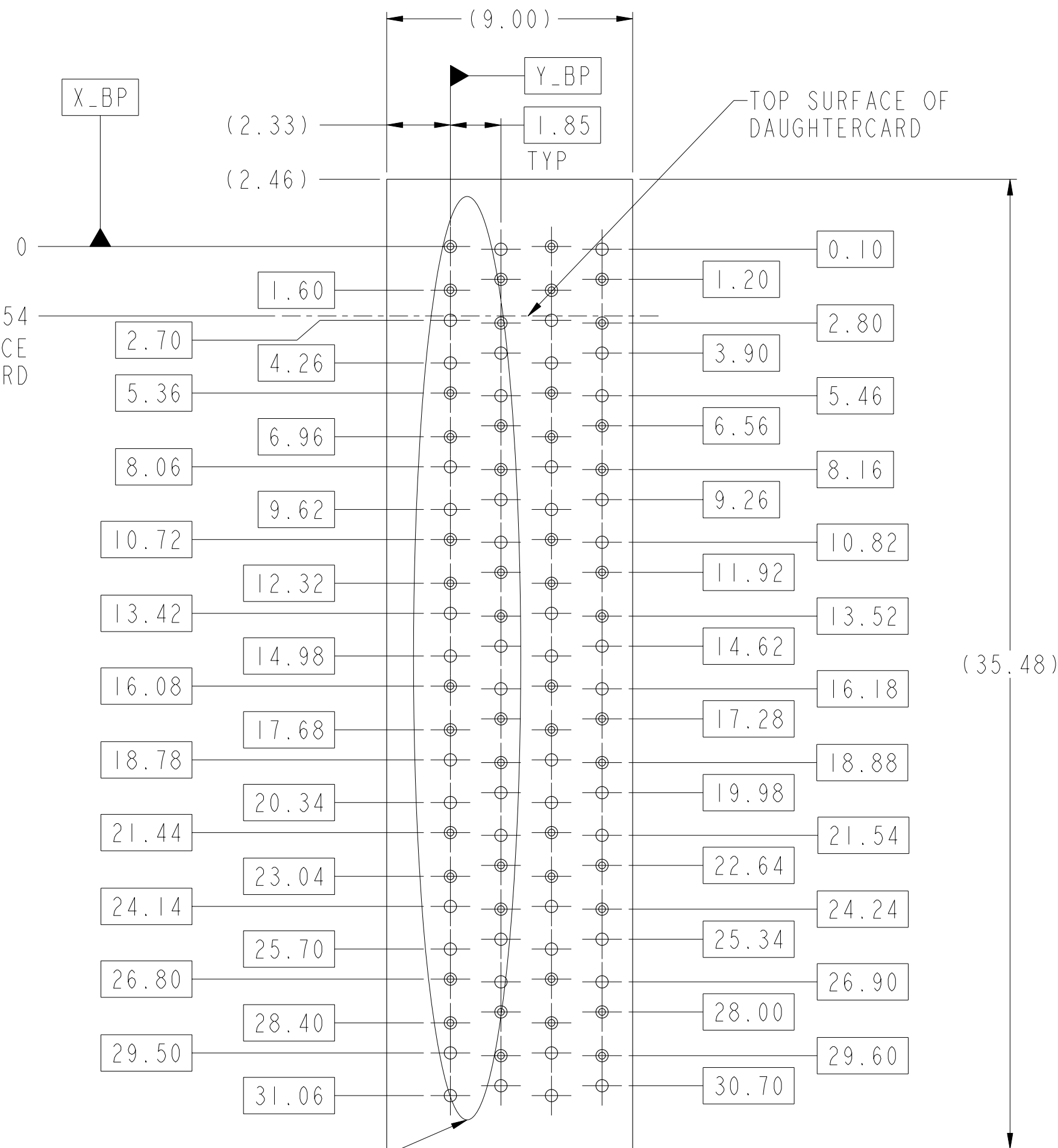


6.2 (4mm WIPE WIDE GROUNDS)
5.2 (3mm WIPE WIDE GROUNDS)
5.2 (THIN END GROUNDS)
5.2 (3mm WIPE SIGNALS)
4.2 (2mm WIPE SIGNALS)

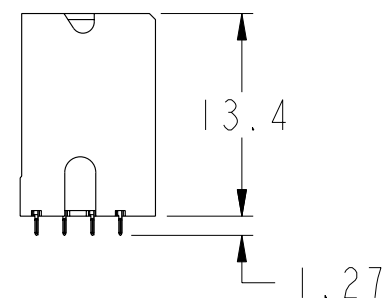
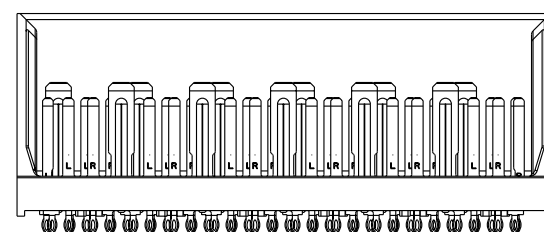
(SEE P/N TREE FOR
ALL COMBINATIONS AVAILABLE)



2.54
TO TOP SURFACE
OF DAUGHTERCARD



SEE DETAIL A
(SHEET 8)

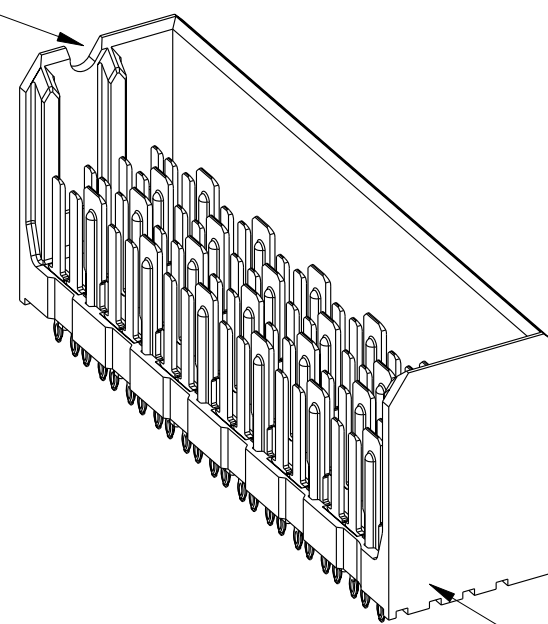


spec ref		SEE NOTES		dr		KH LEE		2010-04-19		projection		MM		size		scale			
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		KH LEE		2010-04-19						A2		4:1			
ASME Y14.5				chr		KH LEE		2010-04-19						ecn no		rel level			
				appr		-		-						product family		XCde		In Work	
surface		linear		0.X		±0.2				title		MODULE ASSEMBLY		dwg no		10114508		rev	
		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 5 of 8			

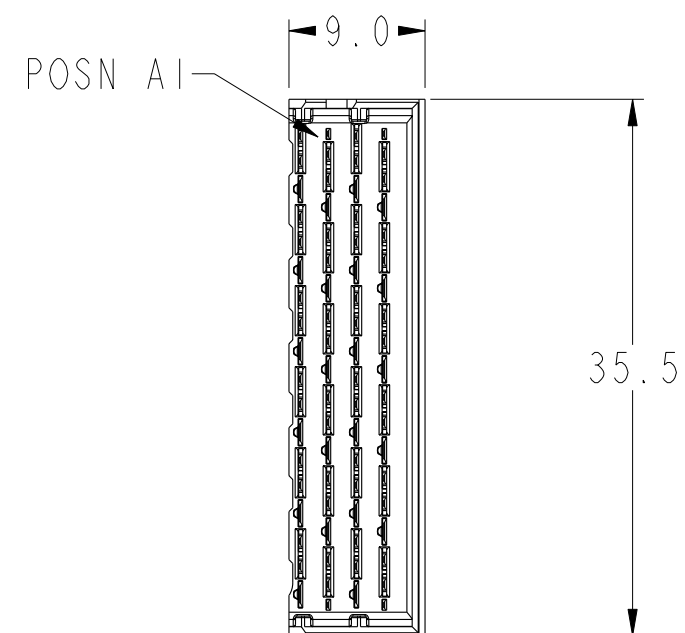
PRELIMINARY

RIGHT WALL MODULE

SEE NOTE 8

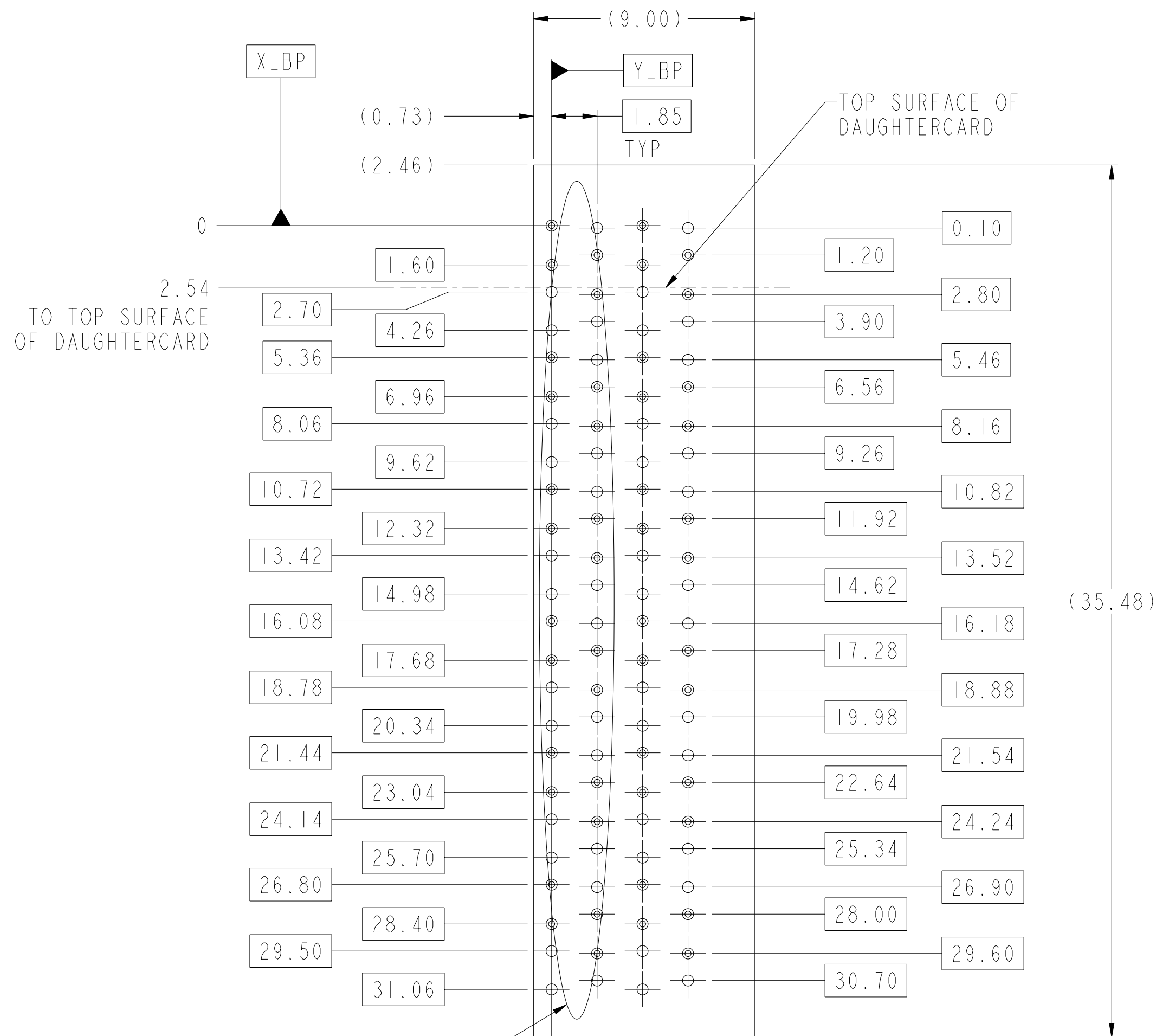
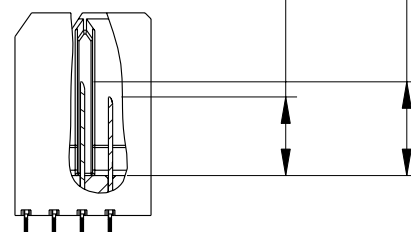


SEE NOTE 5



6.2 (4mm WIPE WIDE GROUNDS)
5.2 (3mm WIPE WIDE GROUNDS)
5.2 (THIN END GROUNDS)
5.2 (3mm WIPE SIGNALS)
4.2 (2mm WIPE SIGNALS)

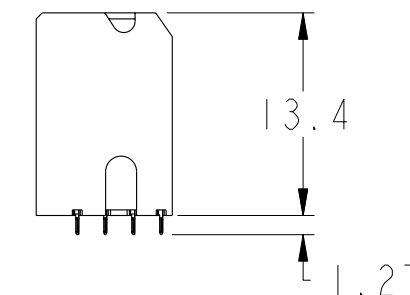
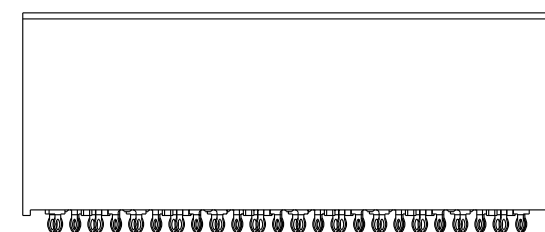
(SEE P/N TREE FOR ALL COMBINATIONS AVAILABLE)



SEE DETAIL A (SHEET 8)

PCB HOLE PATTERN
COMPONENT SIDE
SCALE 6:1

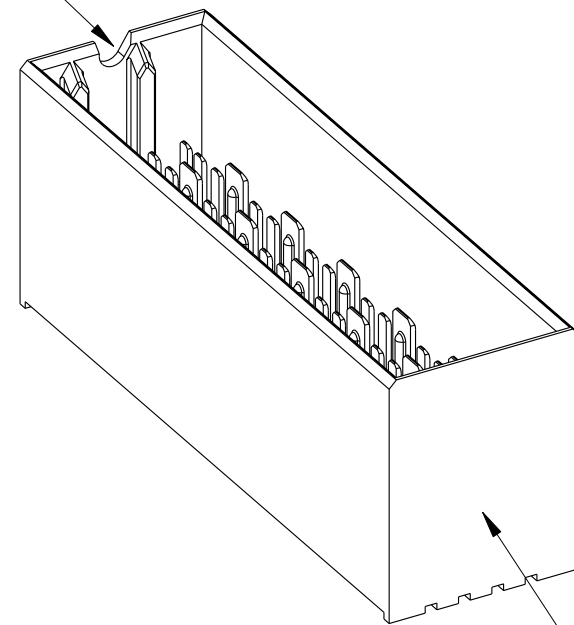
NOMINAL MODULE OUTLINE



PRELIMINARY

spec ref	SEE NOTES	dr	KH LEE	2010-04-19	projection	MM	size	A2	scale	4:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	KH LEE	2010-04-19		MM	ecn no	rel level		In Work
ASME Y14.5		chr	KH LEE	2010-04-19						
		appr	-	-	product family	XCede	rel level	In Work		
surface	linear	0.X	±0.2			title	MODULE ASSEMBLY	dwg no	10114508	rev
		0.XX	±0.10							
		0.XXX	±0.050		www.fci.com	cat. no.	SEE P/N TREE	Product - Customer Drw	sheet 6 of 8	2
ASME Y14.5	angular	0°	±°							

FOUR WALL MODULE

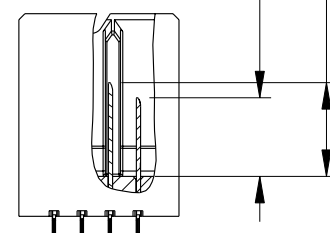


-SEE NOTE 5



6.2 (4mm WIPE WIDE GROUNDS)
5.2 (3mm WIPE WIDE GROUNDS)
5.2 (THIN END GROUNDS)
5.2 (3mm WIPE SIGNALS)
4.2 (2mm WIPE SIGNALS)

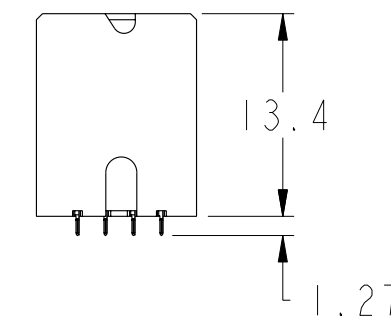
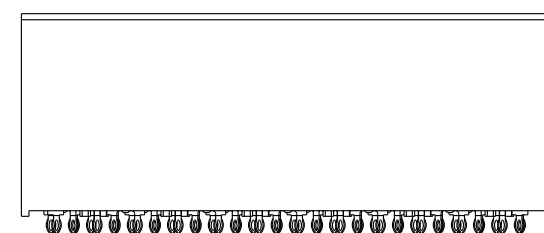
(SEE P/N TREE FOR
ALL COMBINATIONS AVAILABLE)

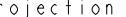
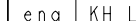


SEE DETAIL A
(SHEET 8)

PCB HOLE PATTERN
COMPONENT SIDE
SCALE 6:1

NOMINAL MODULE OUTLINE



spec ref		SEE NOTES		dr		KH LEE		2010-04-19		projection		MM		size		scale			
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		KH LEE		2010-04-19						A2		4:1			
ASME Y14.5				chr		KH LEE		2010-04-19						ecn no					
				appr		-		-		product family		XCde		rel level		In Work			
surface 		linear	0.X	±0.2				title		MODULE ASSEMBLY VERTICAL HEADER, 4-COLUMN, 6-PAIR		dwg no		10114508		rev			
			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 7 of 8	

PRELIMINARY

ze	scale
A2	4:1

no	
level	In Work

0114508	rev
---------	-----

rw sheet 7 of 8

NOTES:

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

SEPARABLE INTERFACE: PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-588, INCLUDING TELCORDIA GR-1217-CORE (NOVEMBER 1995) CENTRAL OFFICE TEST SEQUENCE.

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

REFER TABLE 3
FOR PTH, DRILL & PAD SIZES

⌀ 0.10 A Y_BP X_BP

X_BP

Y_BP

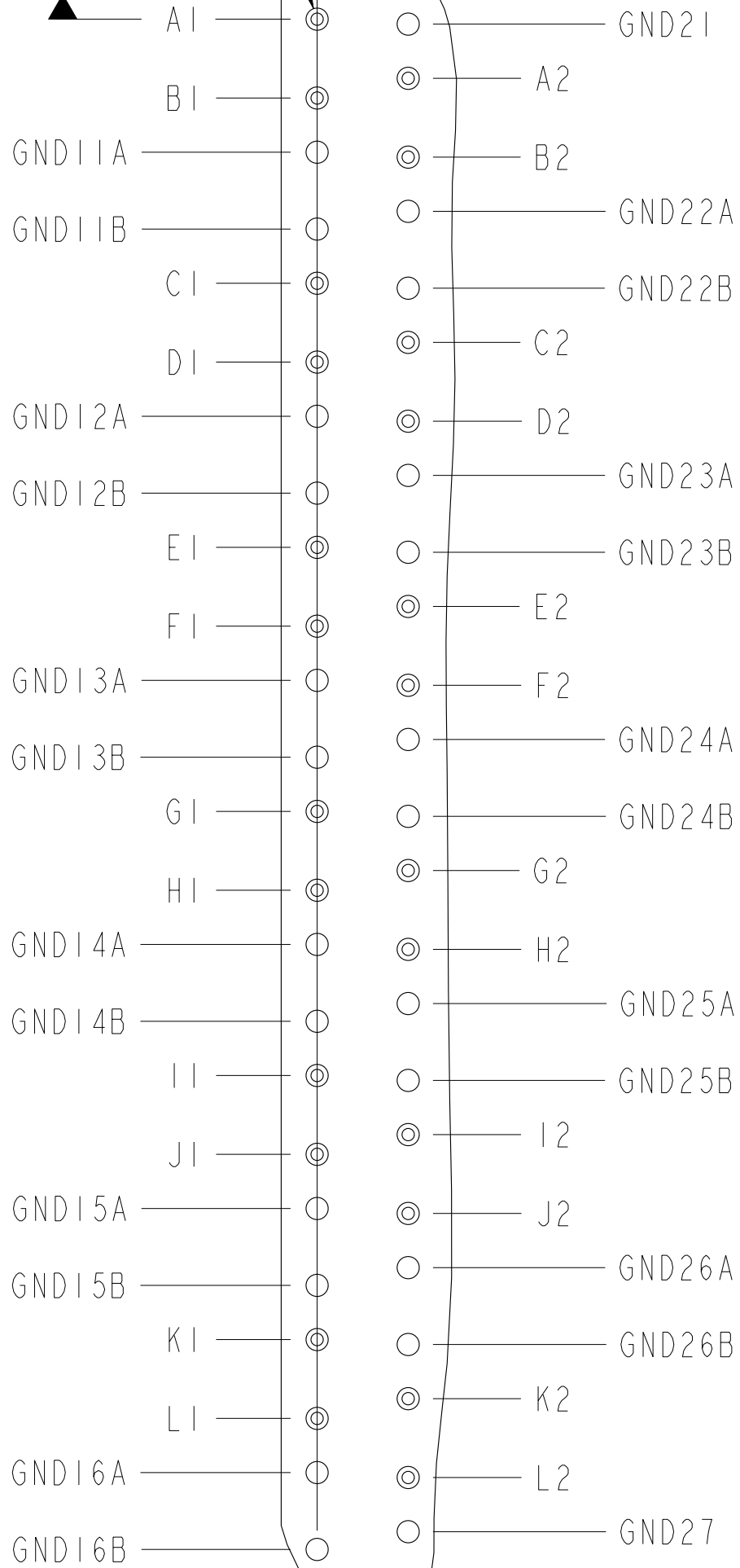


TABLE 3: PTH AND PAD SIZES WITH REFERENCE TO COMPLIANT PIN DRILL

COMPLIANT PIN DRILL	PTH	PAD
Ø0.55 [0.0217"]	Ø0.45±0.05	Ø0.85
Ø0.45 [0.0177"]	Ø0.35±0.05	Ø0.75

DETAIL A
SCALE 8:1

PRELIMINARY

spec ref	SEE NOTES	dr	KH LEE	2010-04-19	projection	MM	size	A2	scale	4:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	KH LEE	2010-04-19	chr	KH LEE	2010-04-19	ecn no		
ASME Y14.5		appr	-	-	product family	XCede	rel level	In Work		
surface	linear	0.X	±0.2	0.XX	±0.10	0.XXX	±0.050	cat. no.	SEE P/N TREE	Product - Customer Drw
ASME Y14.5	angular	0°	±°					sheet 8 of 8		