

10119130 - X0C - XXXLF

6-COLUMN
DIFFERENTIAL
SIGNAL

LEAD-FREE DESIGNATION
ONLY WITH APPLICABLE
PLATING CODES

LETTER	PLATING (SEE NOTE 6)	
	APPLICATION	TYPE (REFERENCE)
B	TELCORDIA CO	0.76µm GOLD or GXT
C	TELCORDIA UE	1.27µm GOLD
D	TELCORDIA CO	0.76µm GOLD or GXT, LEAD-FREE
E	TELCORDIA UE	1.27µm GOLD, LEAD-FREE

NUMBER	GUIDE PIN STYLE (SEE NOTE 8)
0	STANDARD GUIDE PIN, MACHINED
1	STANDARD GUIDE PIN, ROLLED

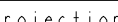
MODULE DESCRIPTION	LETTER DESIGNATION REPRESENTED IN DASH NUMBER										BASE MODULE
LEFT POLARIZING GUIDANCE MODULE (SEE SHEET 6)	N	J	A	B	C	D	E	F	G	H	
	NO KEY NO GUIDE PIN										
RIGHT POLARIZING GUIDANCE MODULE (SEE SHEET 7)	Z	Y	P	Q	R	S	T	U	V	W	
	NO KEY NO GUIDE PIN										
OPEN MODULE (TWO WALL) (SEE SHEET 2)	0 (ZERO)										
LEFT WALL MODULE (SEE SHEET 3)	L										
RIGHT WALL MODULE (SEE SHEET 4)	M										
FOUR WALL MODULE (SEE SHEET 5)	1 (ONE)										

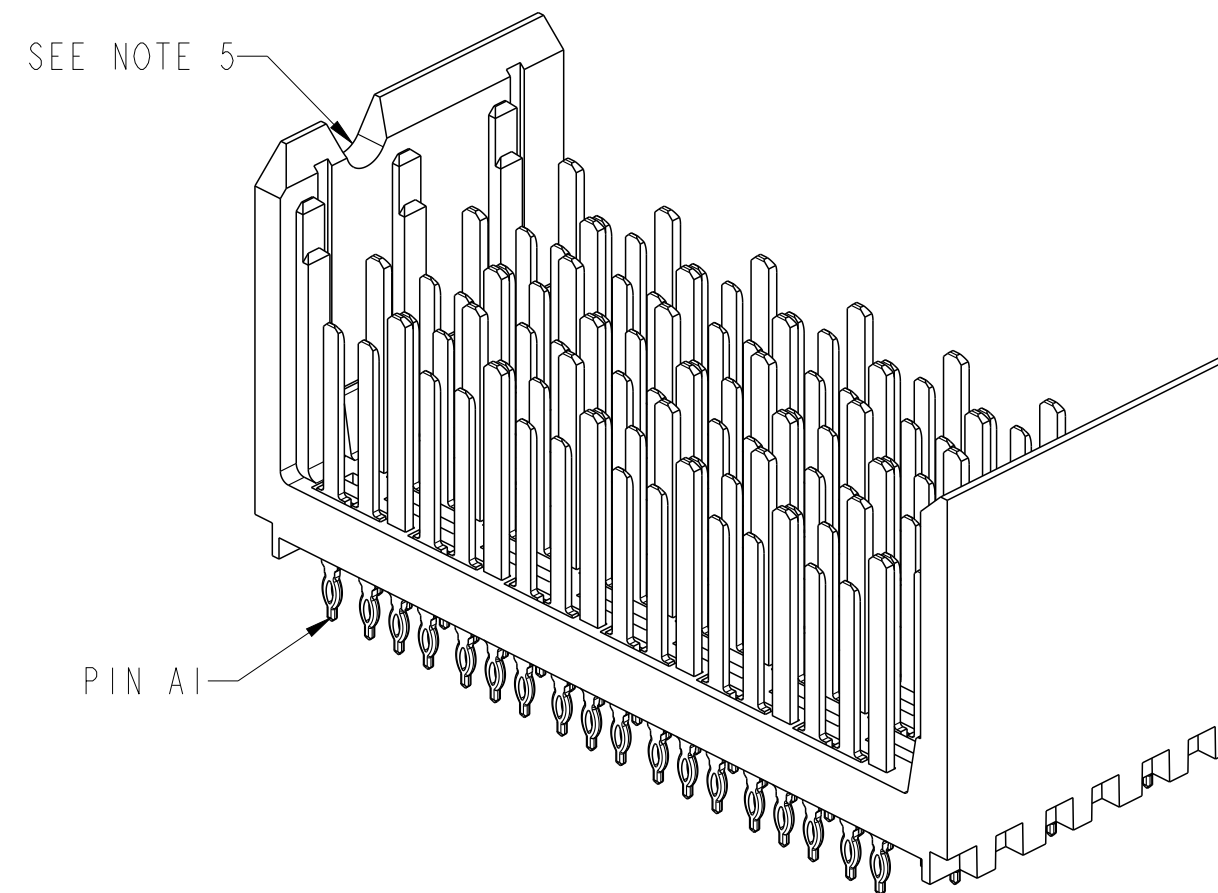
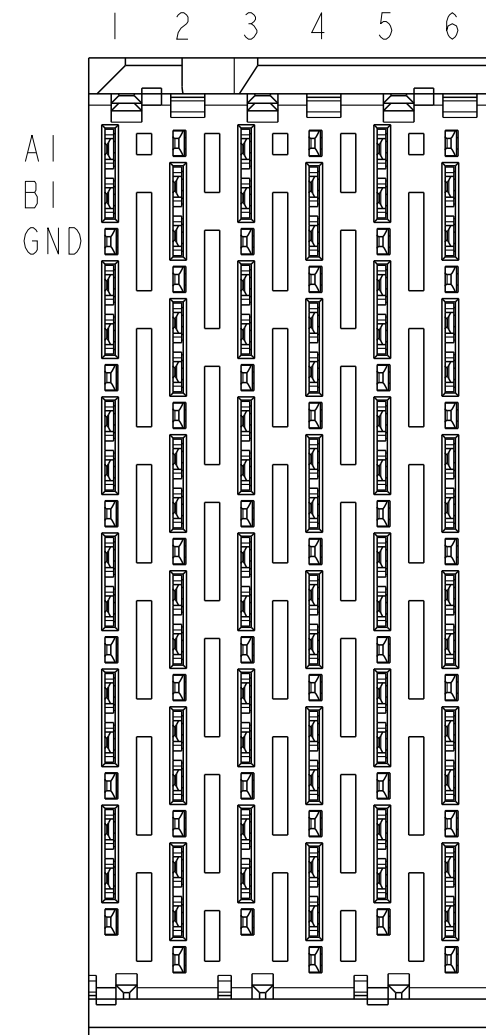
NUMBER	CONTACT MATING WIPE LENGTH		COMPLIANT TAIL TYPE (SEE NOTE 9)
	SIGNAL	GROUND	
1	2 MM	4 MM	0.55 (0.0217") DRILL
2	3 MM	4 MM	0.55 (0.0217") DRILL
3	2 MM	4 MM	0.45 MICRO (0.0177") DRILL
4	3 MM	4 MM	0.45 MICRO (0.0177") DRILL
5	2 MM	3 MM	0.55 (0.0217") DRILL
6	3 MM	3 MM	0.55 (0.0217") DRILL
7	2 MM	3 MM	0.45 MICRO (0.0177") DRILL
8	3 MM	3 MM	0.45 MICRO (0.0177") DRILL

FOR CUSTOM-LOADED MODULES, SEE INDIVIDUAL CUSTOM DRAWINGS WITH THE DRAWING-NUMBER FORMAT OF 10119130-XXXX, WHERE: "X" DENOTES MODULE TYPE PER CHART ON THIS SHEET "XXXX" IS A SEQUENTIAL NUMBER BEGINNING WITH "0001".

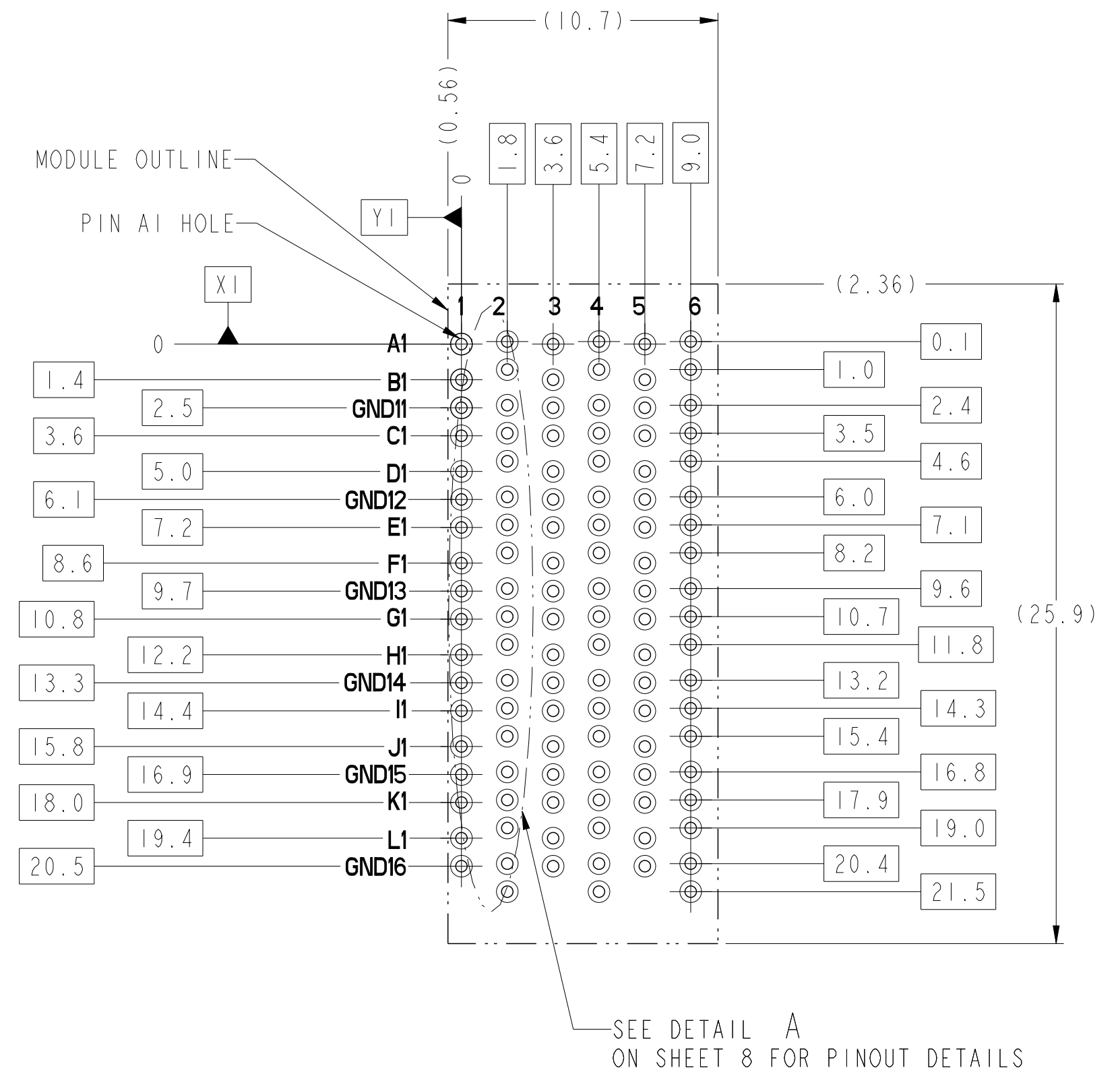
TABLE 1 (SEE NOTE 11)		
	UNGROUND	GROUND
FHS	Ø2.35-Ø2.55	Ø2.35-Ø2.55
PAD	N/A	Ø5.50
PLATED	NO	YES
DRILL(mm)	2.44mm	2.58mm
DRILL(in)	0.096"	0.1015"

TABLE 2 (SEE NOTE 12)		
SCREW P/N	DESCRIPTION	BOARD THICKNESS
10091790-002LF	#2-56 X 0.375" LG. PHILIPS PANHEAD W/SQ CONICAL WASHER	1.60-5.00mm
10091790-003LF	#2-56 X 0.375" LG. PHILIPS PANHEAD W/SQ CONICAL WASHER	5.00-10.00mm

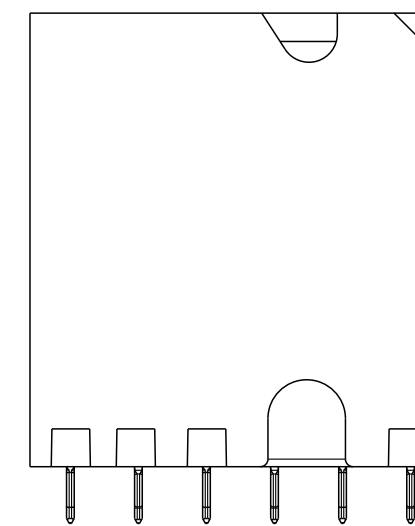
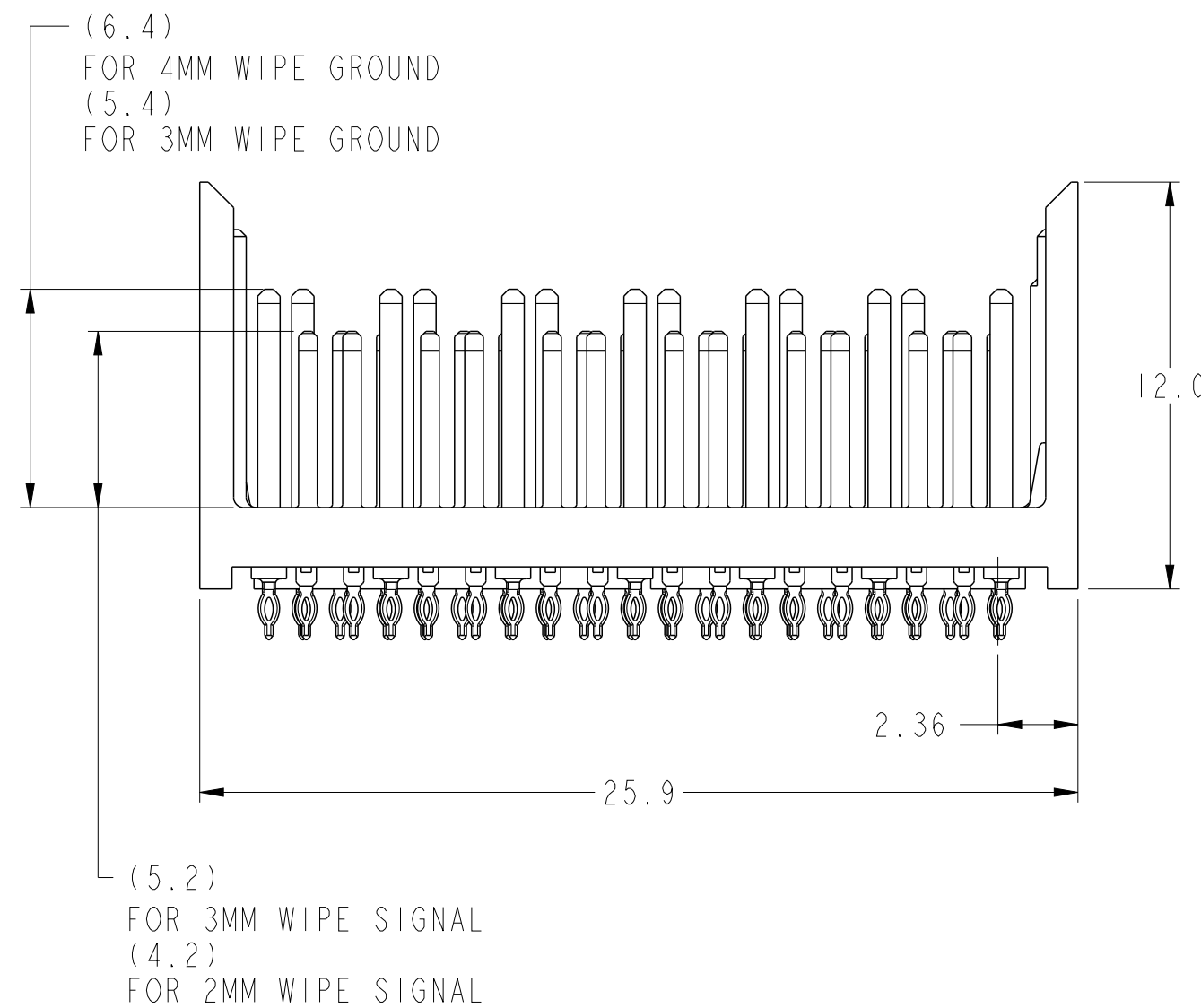
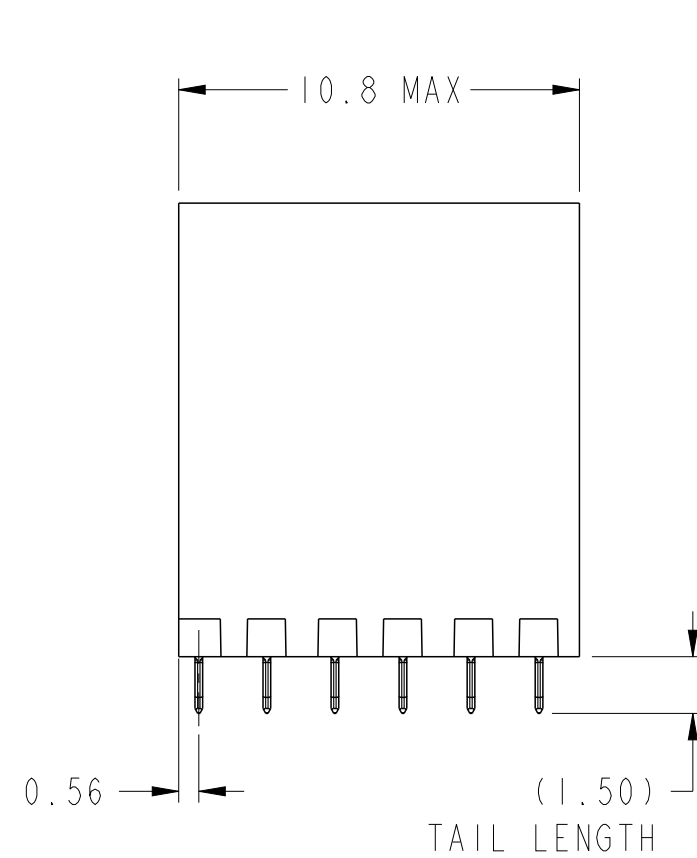
spec ref		-		dr		Marty Glass		2012/02/09		projection				MM		size		A2		scale		2:1	
tolerance std		-		eng		Sandar Soe		2013/03/20						ecn no		ELX-S-14229-1		Released		rev		B	
ASME Y14.5		TOLERANCES UNLESS OTHERWISE SPECIFIED		chr		-		-															
				appr		Chen-Hong Tan		2013/04/09								product family							
surface				linear		0.X		±0.3				title		VERTICAL HEADER ASSEMBLY		cat. no.		-		Product - Customer Drw		sheet 1 of 8	
				0.XX		±0.10		XCEDE HD 6 PAIR, 6 COLUMN															
				0.XXX		±0.05																	
ASME Y14.5		angular		0°		±2°		www.fci.com															



OPEN WALL MODULE



BP HOLE PATTERN COMPONENT SIDE
OPEN WALL MODULE BACKPLANE FOOTPRINT

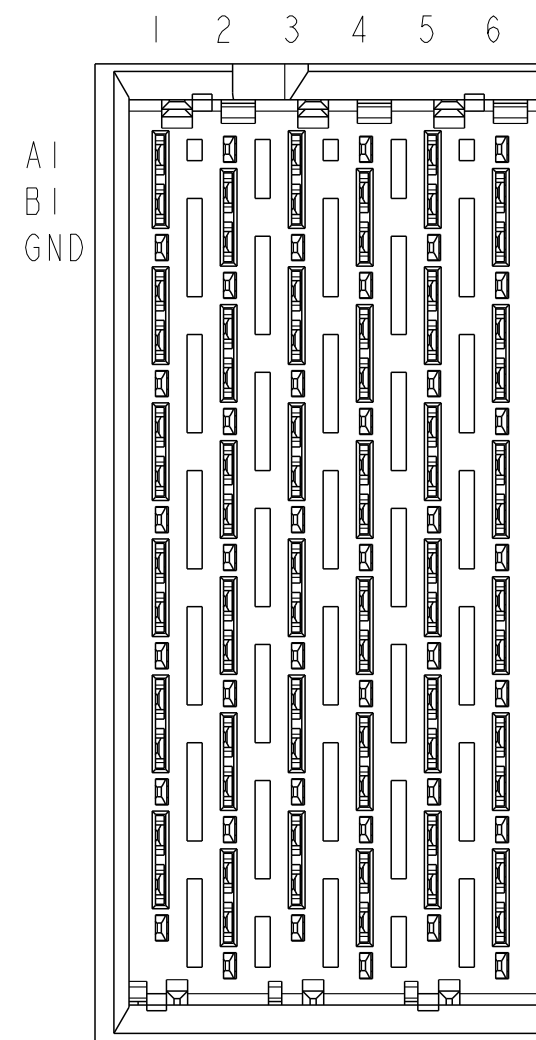


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ASME Y14.5		TOLERANCES UNLESS OTHERWISE SPECIFIED		chr		-		-															
				appr		Chen-Hong Tan		2013/04/09														product family	
surface		✓		linear		0.X		±0.3		FCI		title		VERTICAL HEADER ASSEMBLY		dwg no		10119130		rev		B	
				0.XX		±0.10		XCEDE HD 6 PAIR, 6 COLUMN															
ASME Y14.5		angular		0.XXX		±0.05																	
						0°		±2°		www.fci.com		cat. no.		-		Product - Customer Drw		sheet 2 of 8					

PDS: Rev :B

STATUS:Released

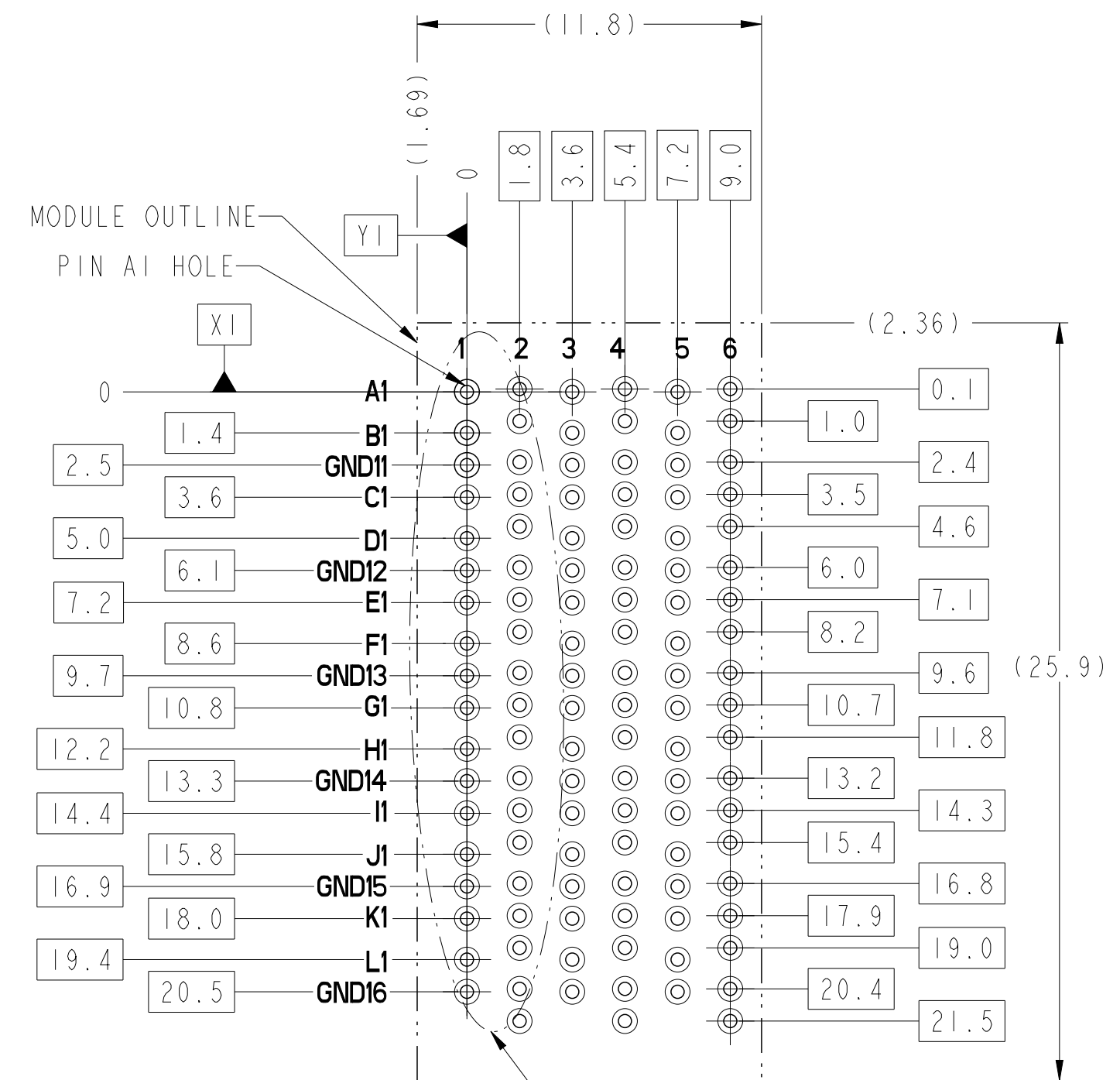
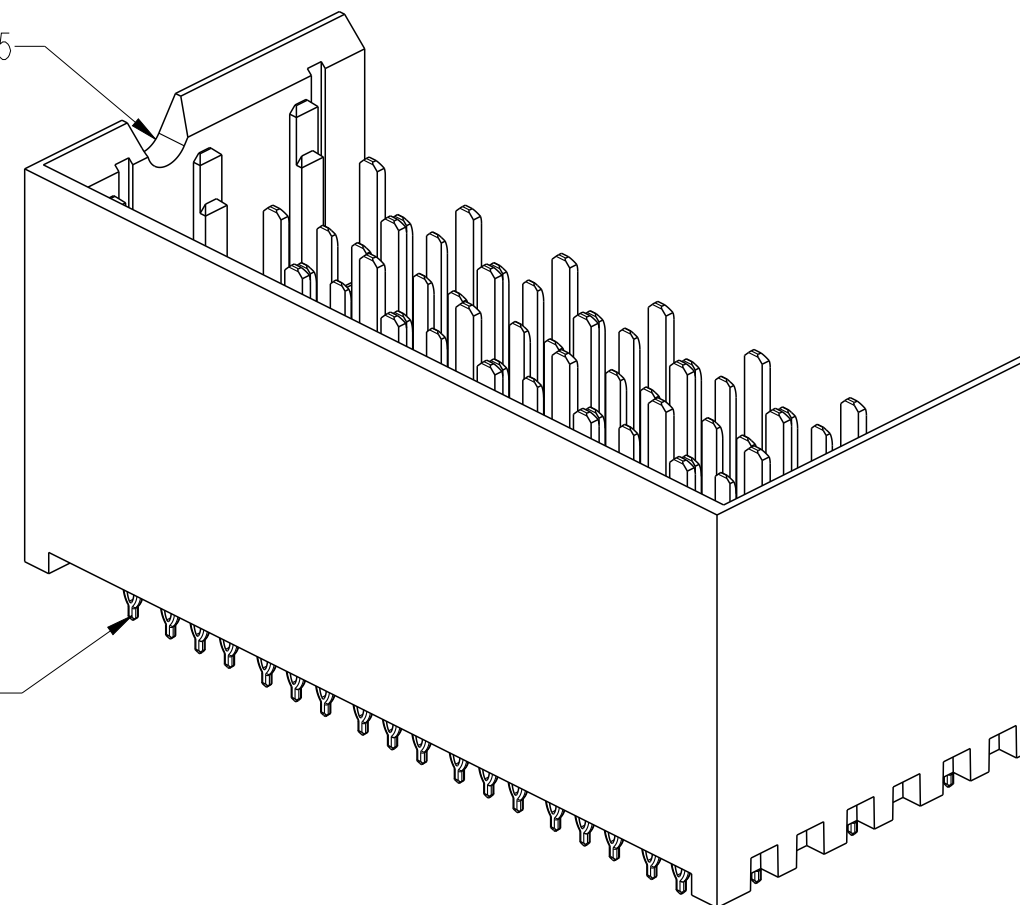
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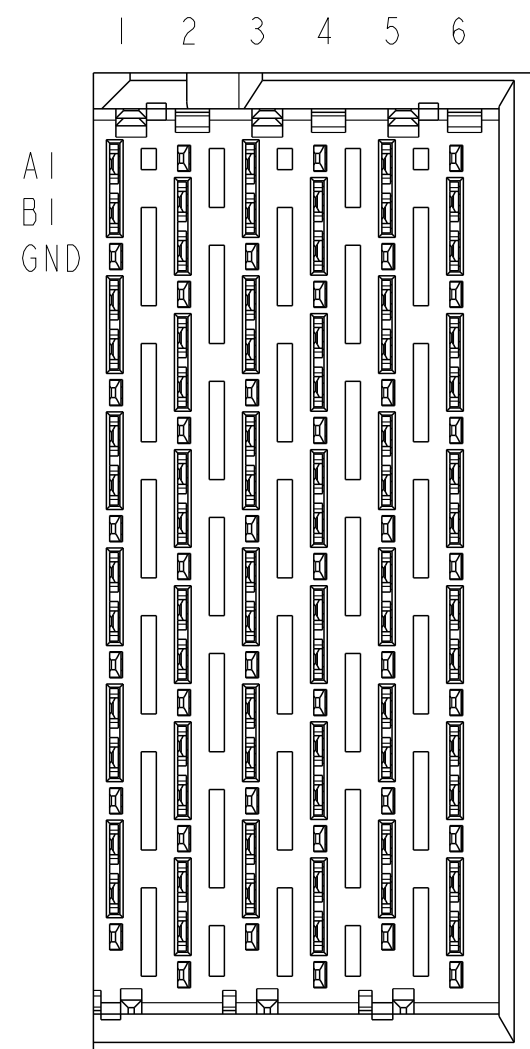


LEFT WALL MODULE

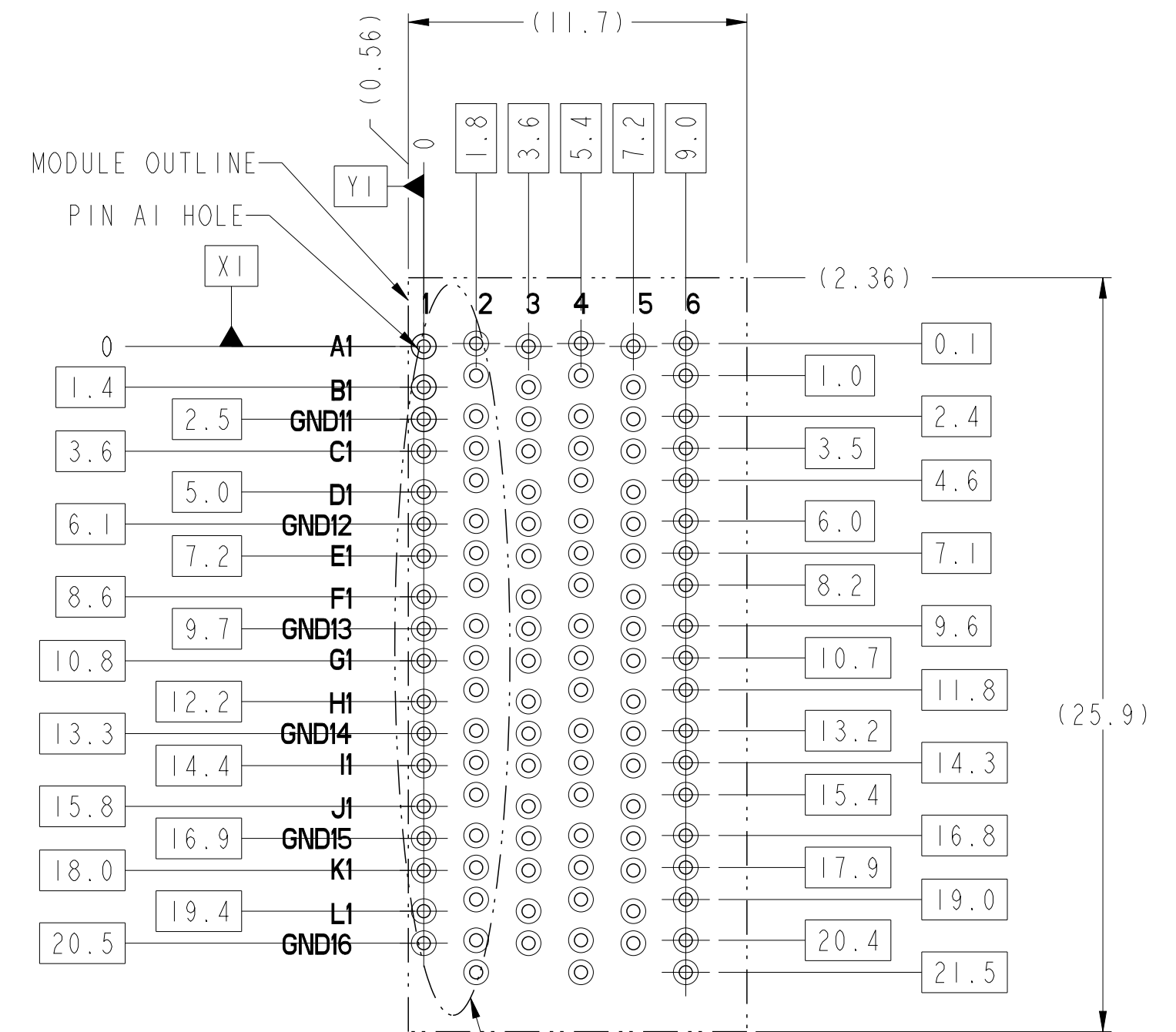
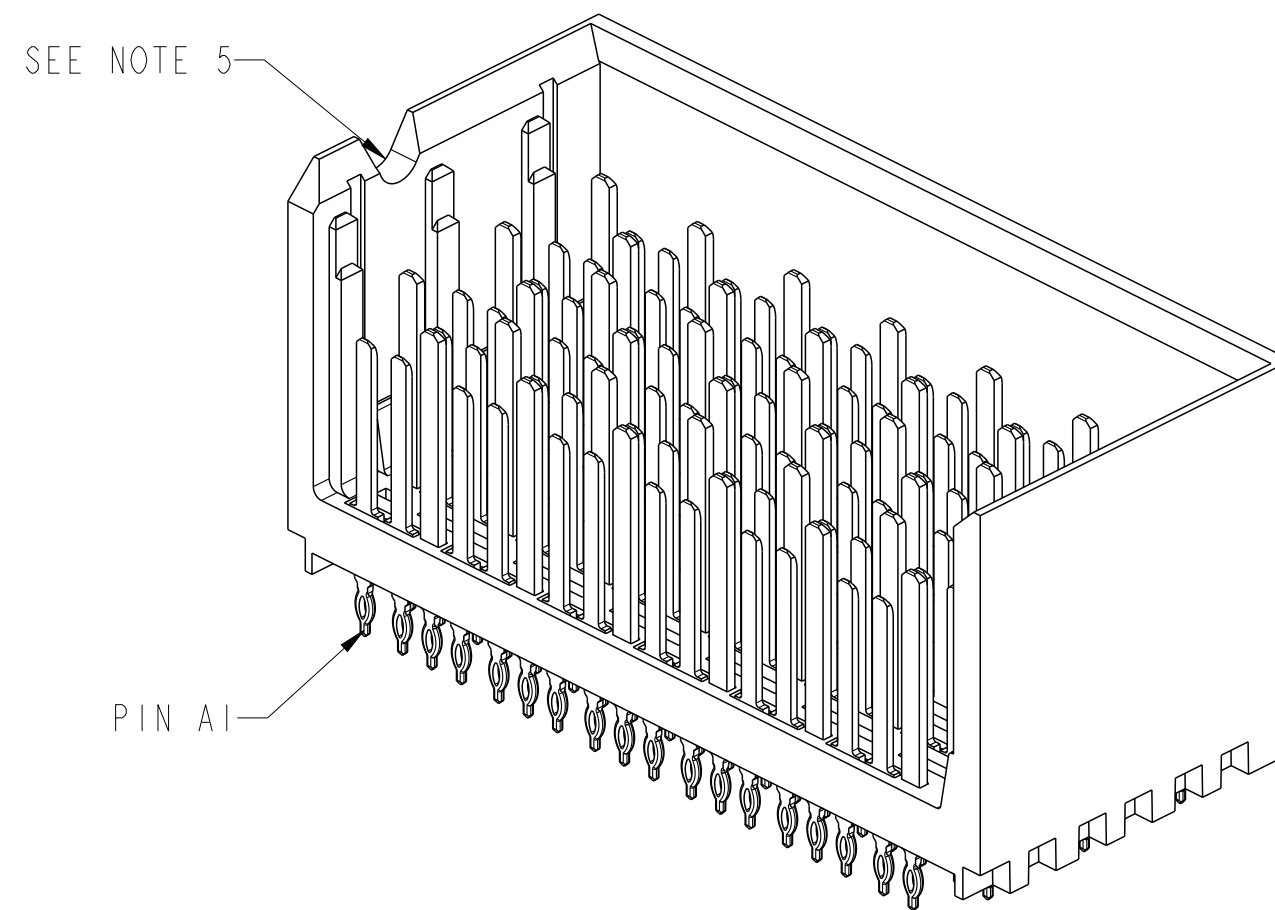
SEE NOTE 5

PIN AI



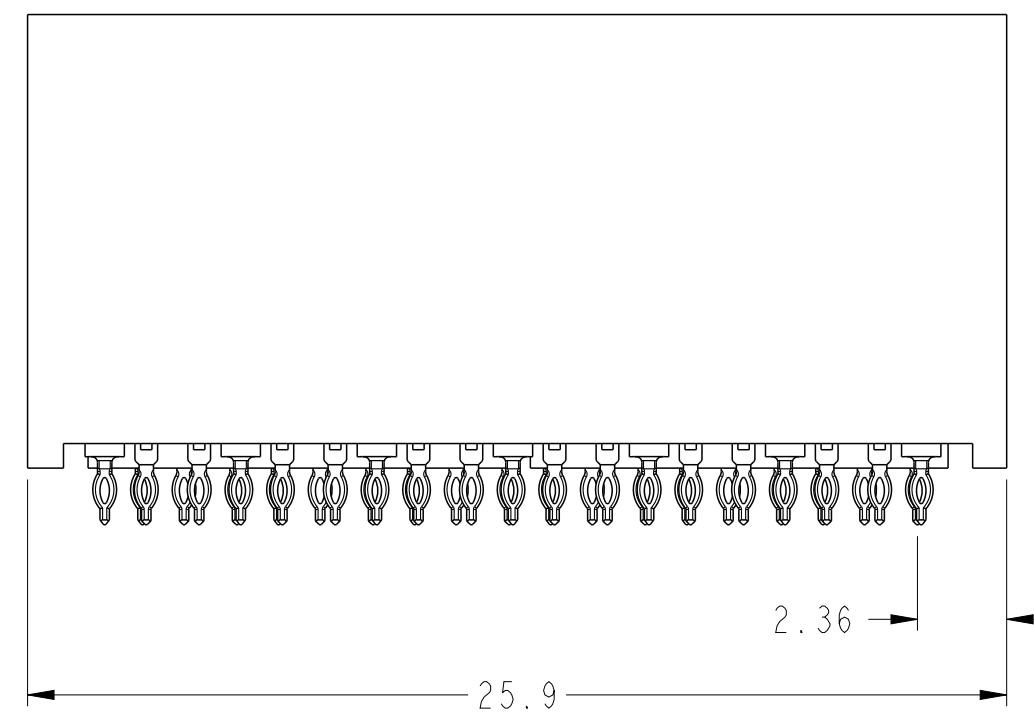
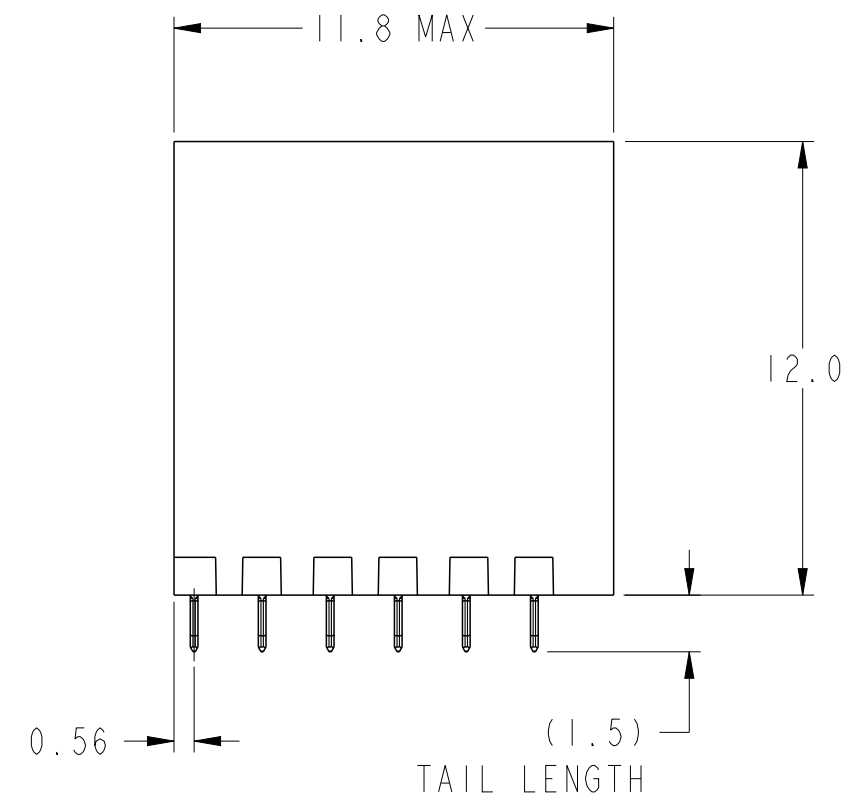
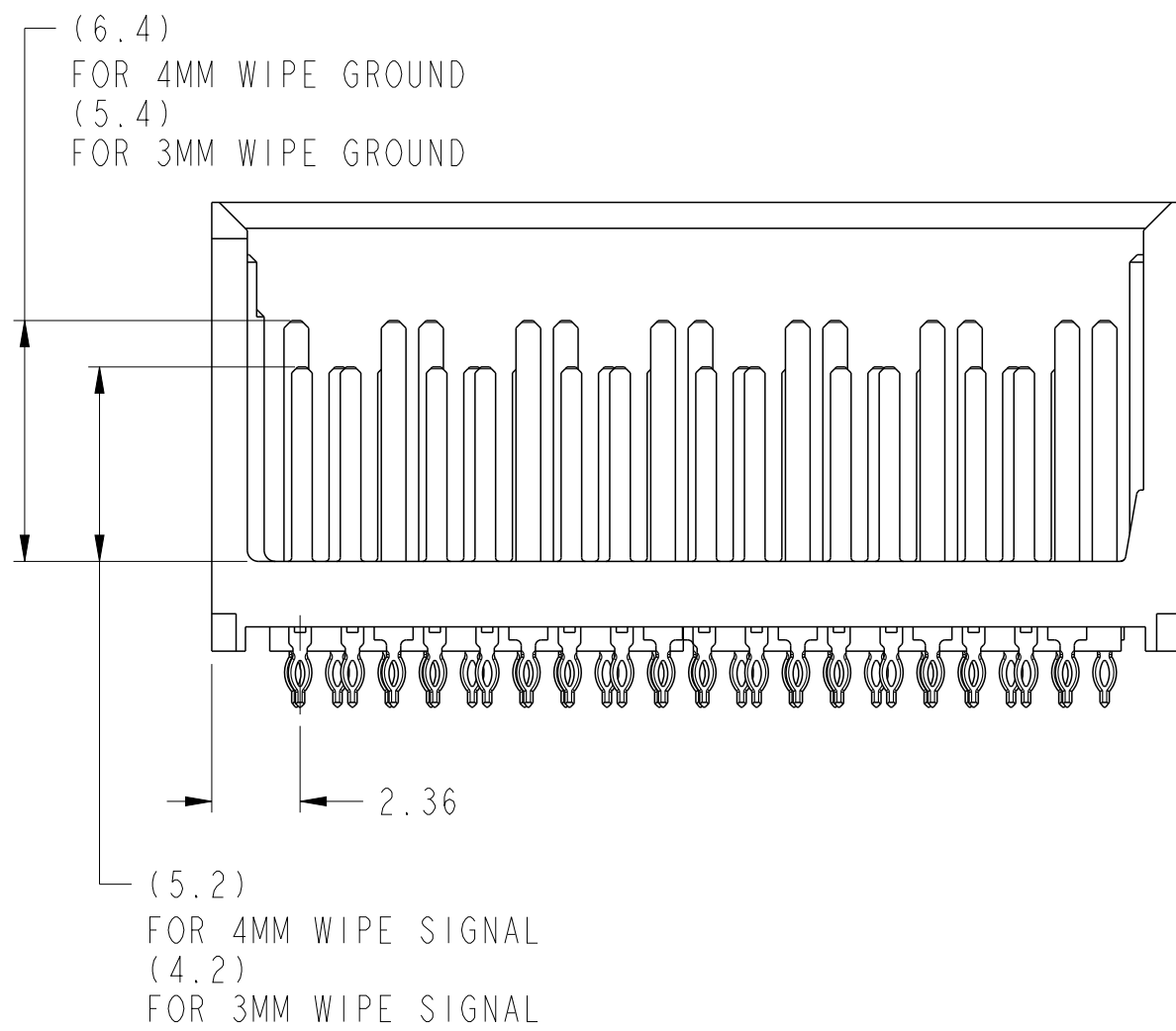


RIGHT WALL MODULE



SEE DETAIL A
ON SHEET 8 FOR PINOUT DETAILS

BP HOLE PATTERN COMPONENT SIDE
RIGHT WALL MODULE BACKPLANE FOOTPRINT

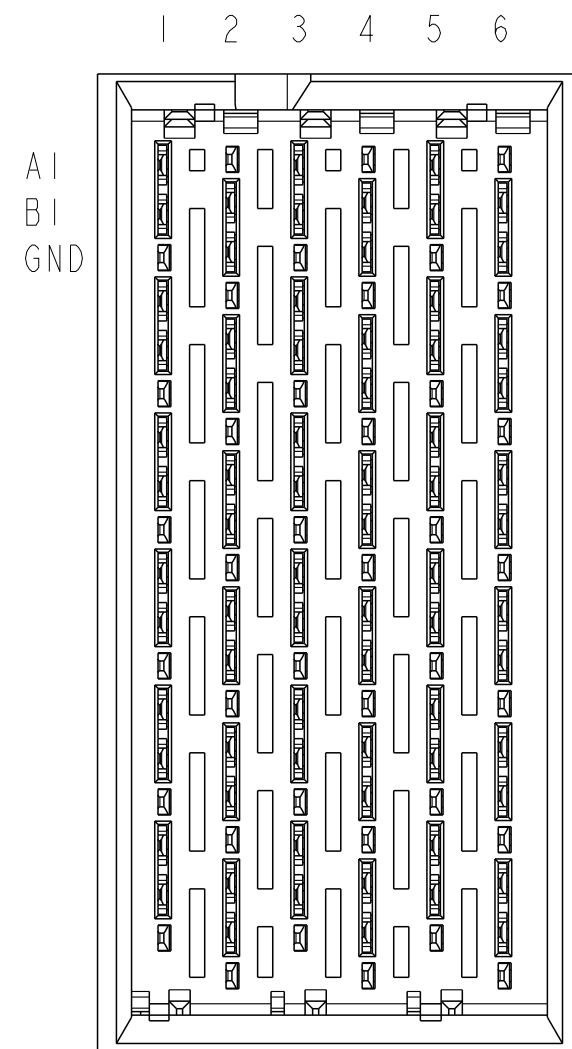


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tolerance std		-		eng		Sandar Soe		2013/03/20						ecn no		ELX-S-14229-1		rel level		Released	
ASME Y14.5		TOLERANCES UNLESS OTHERWISE SPECIFIED		chr		-		-													
surface		✓		appr		Chen-Hong Tan		2013/04/09													
linear		0.X ±0.3				title		VERTICAL HEADER ASSEMBLY		dwg no		10119130		rev		B					
		0.XX ±0.10																			
		0.XXX ±0.05																			
ASME Y14.5		angular		0° ±2°		www.fci.com		cat. no.		-		Product - Customer Drw		sheet 4 of 8							

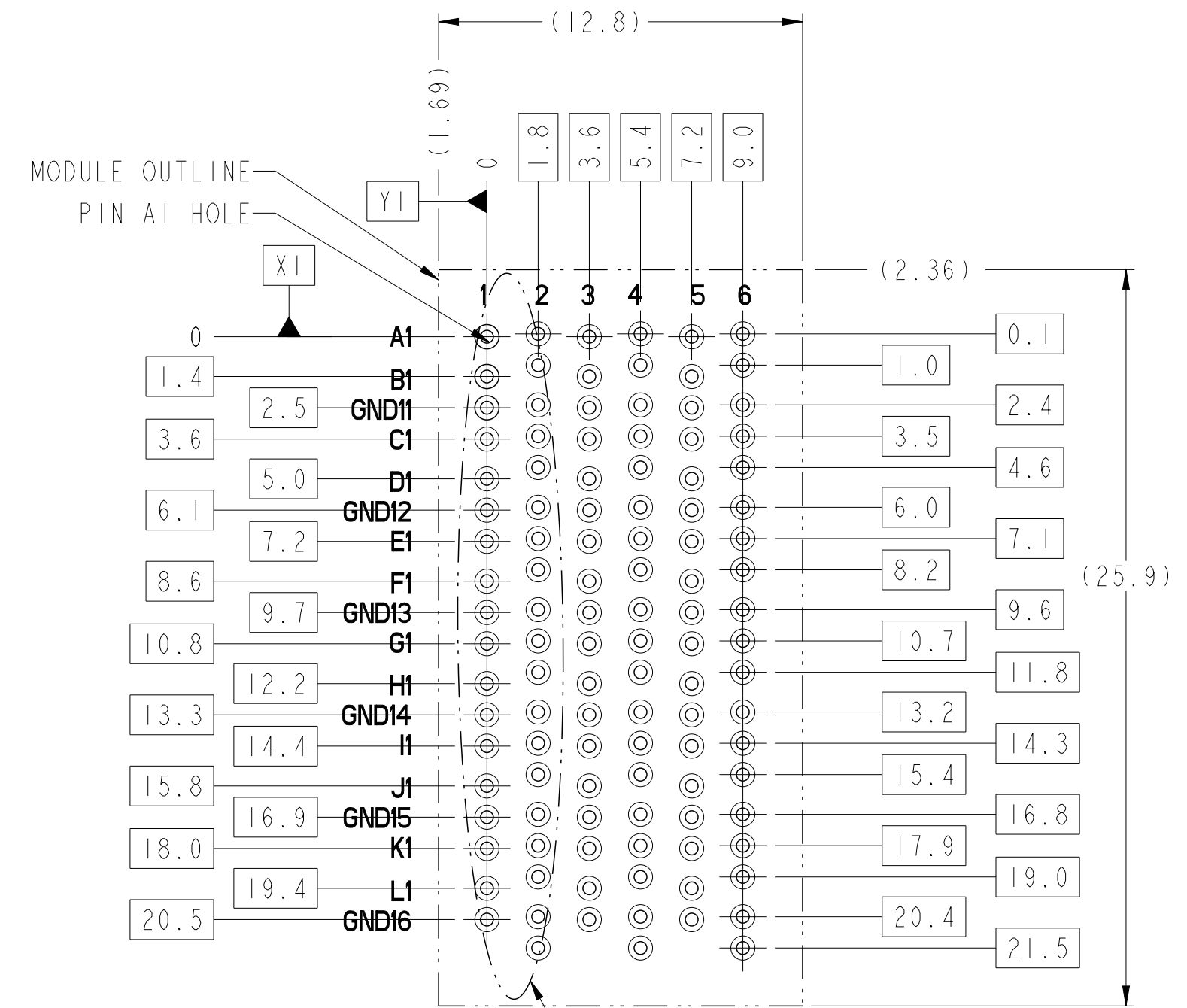
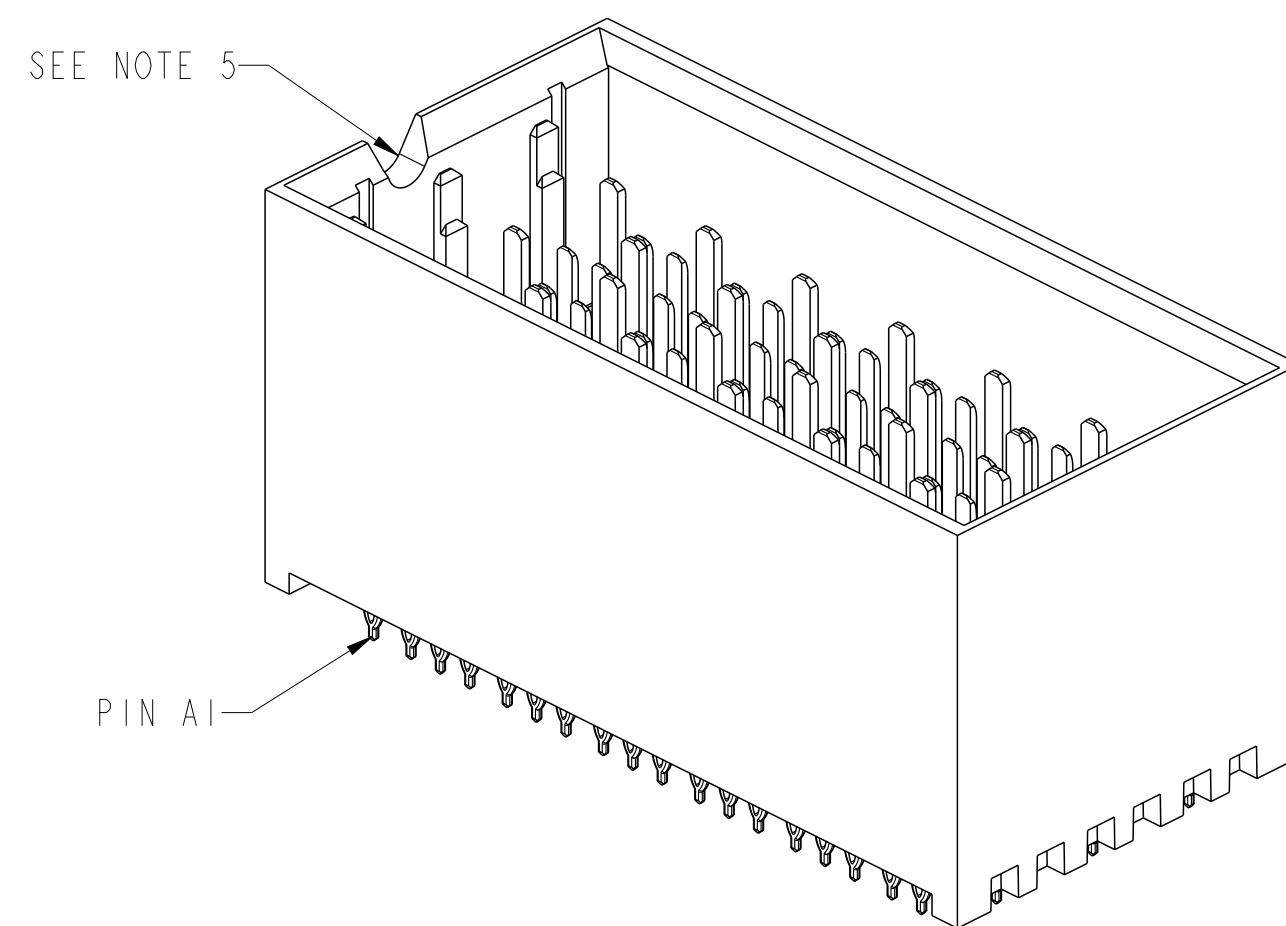
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Printed: Apr 10, 2013

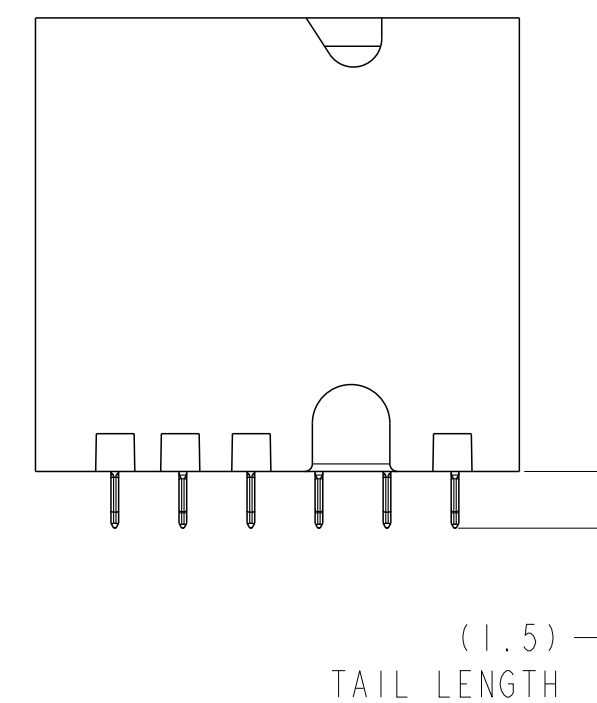
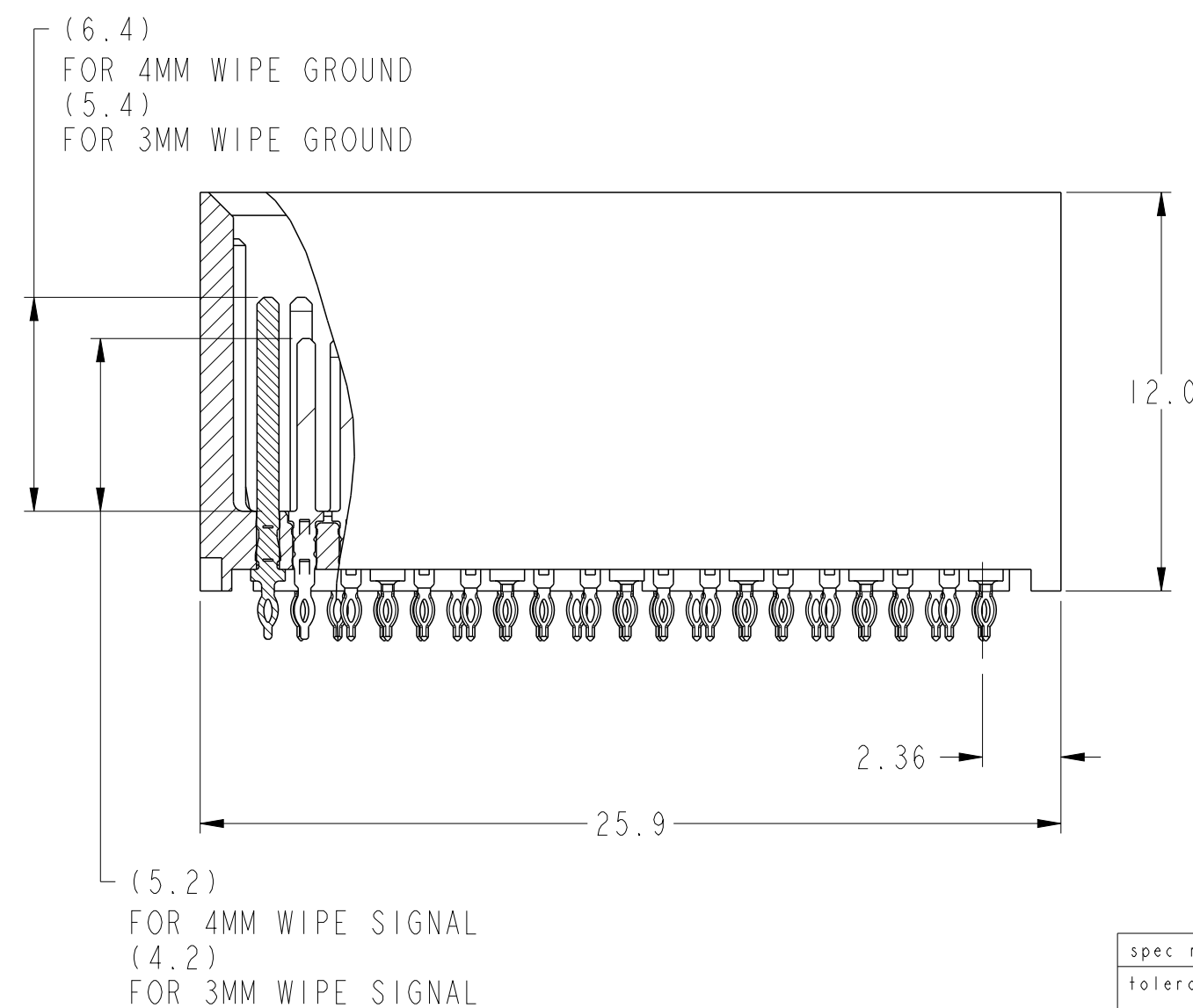
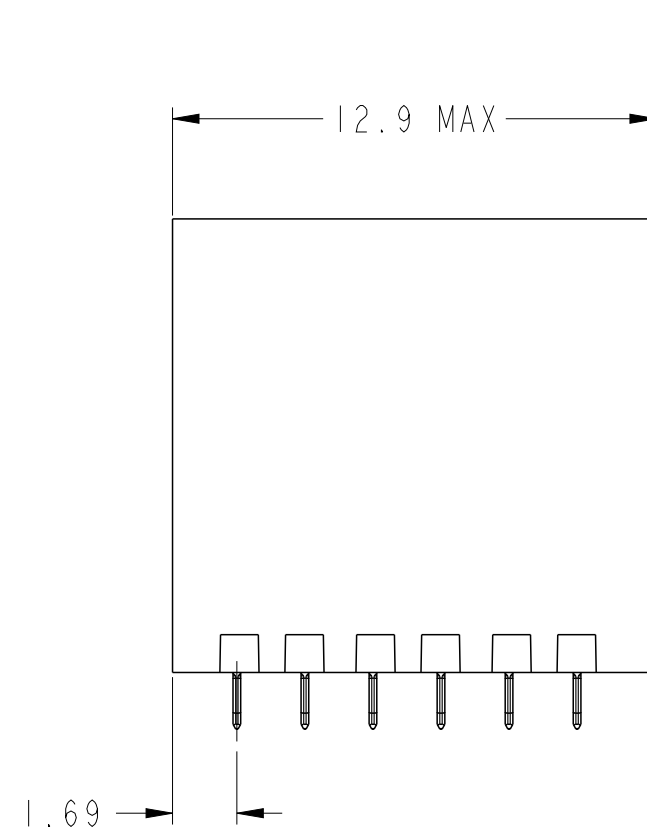


FOUR WALL MODULE



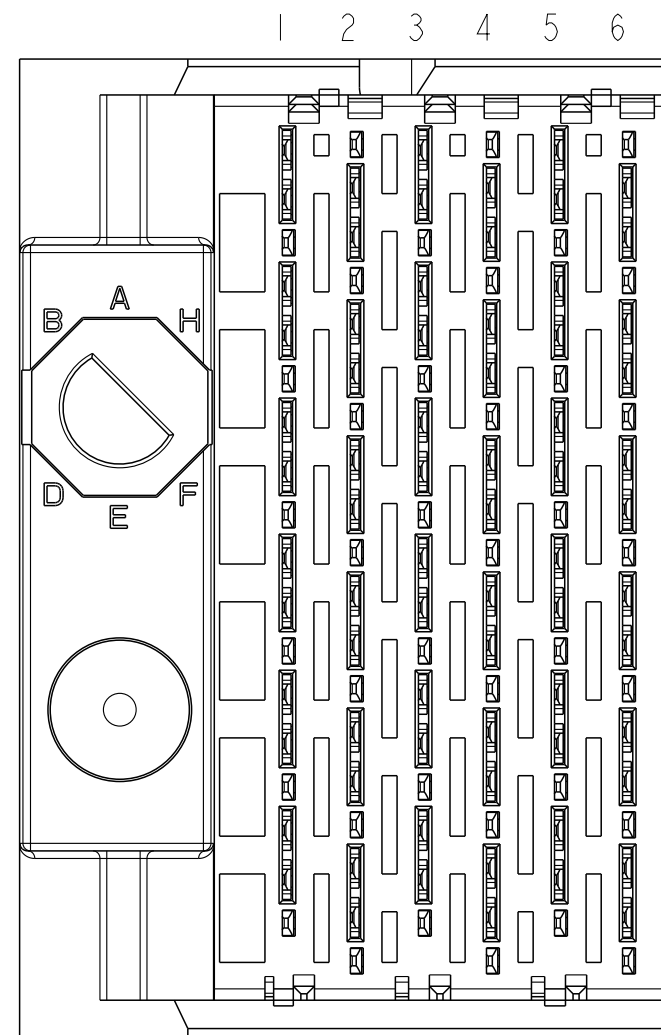
BP HOLE PATTERN COMPONENT SIDE

FOUR WALL MODULE BACKPLANE FOOTPRINT



spec ref		-		dr		Marty Glass		2012/02/09		projection				MM		size		A2		scale		5:1	
tolerance std		-		eng		Sandar Soe		2013/03/20		chr		-		-		ecn no		ELX-S-14229-1		rel level		Released	
ASME Y14.5		TOLERANCES UNLESS OTHERWISE SPECIFIED		appr		Chen-Hong Tan		2013/04/09		product family		XCEDE HD		rel level									
surface				linear		0.X		±0.3		FCI		title		VERTICAL HEADER ASSEMBLY		dwg no		10119130		rev		B	
ASME Y14.5		angular		0°		±2°		www.fci.com		cat. no.		-		Product - Customer Drw		sheet 5 of 8							

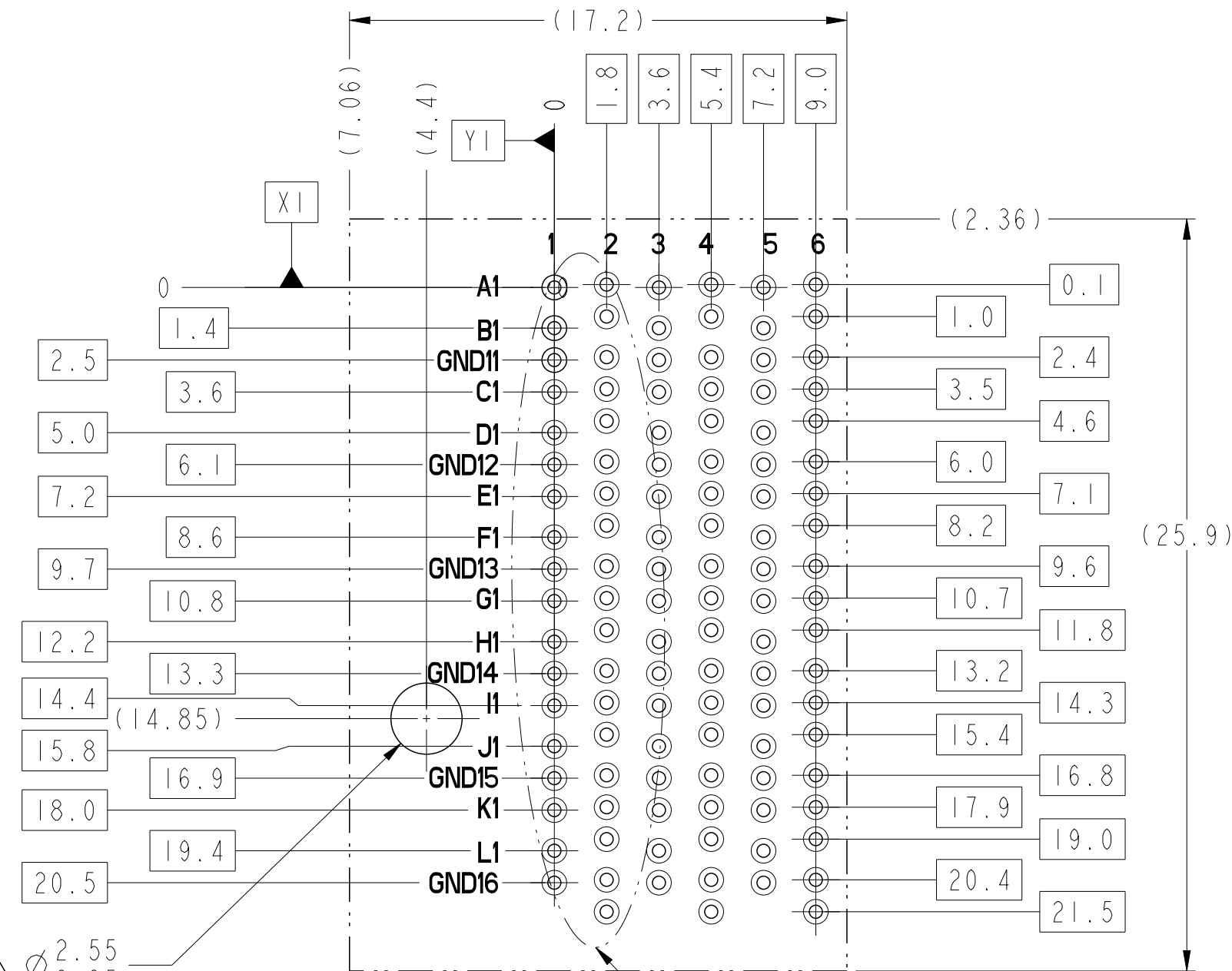
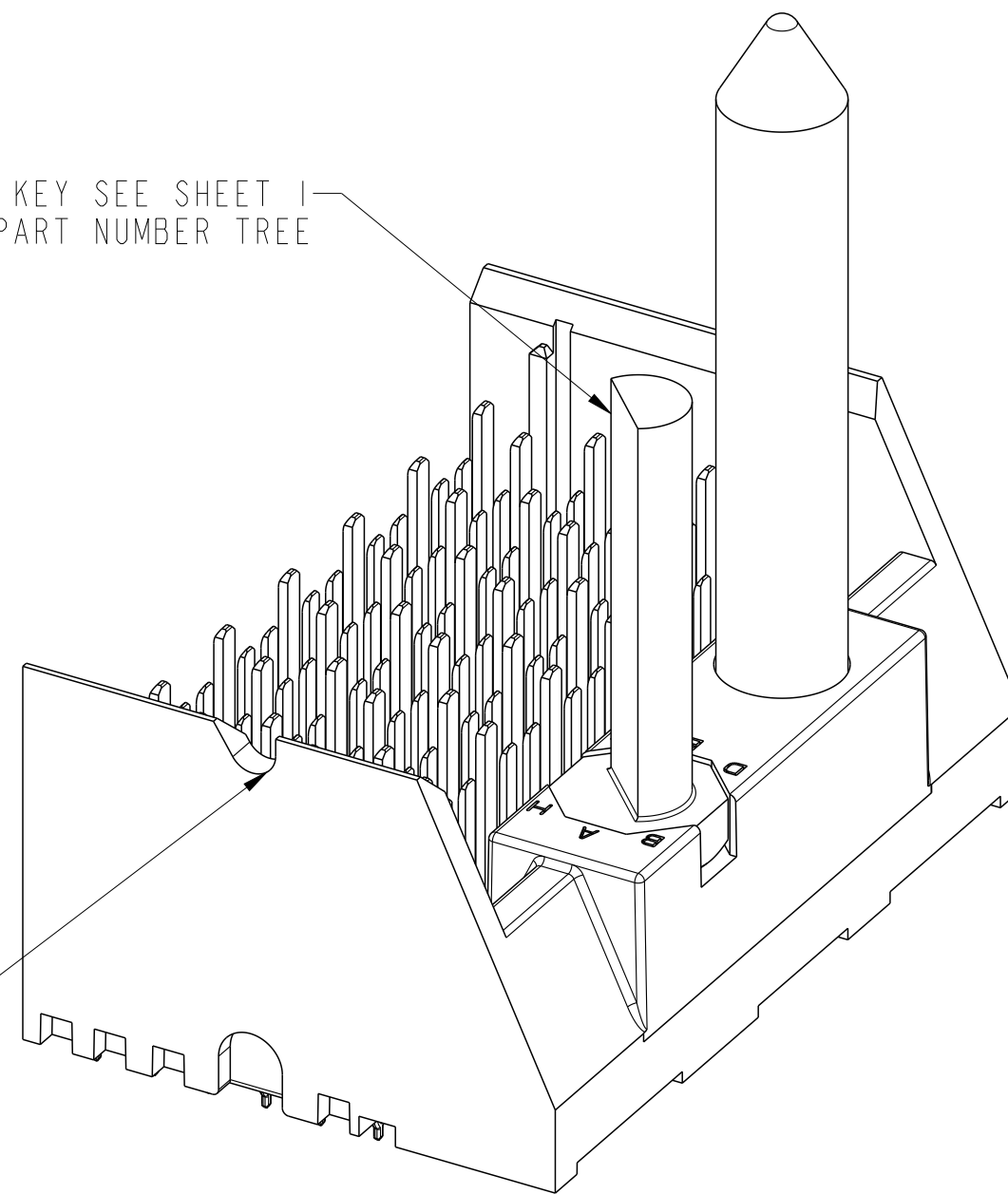
A1
B1
GND



LEFT POLARIZING / GUIDE MODULE

OPTIONAL KEY SEE SHEET 1
PART NUMBER TREE

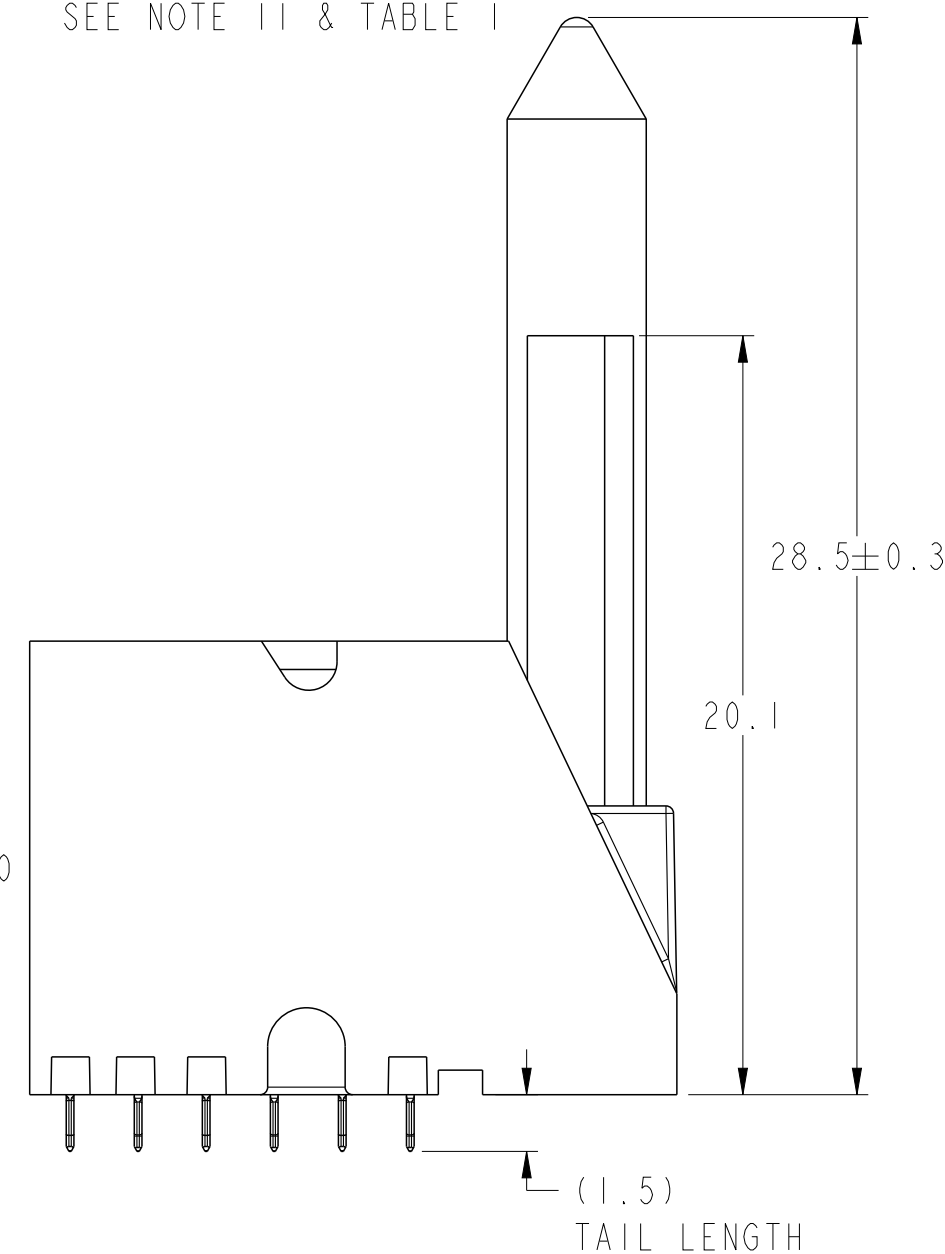
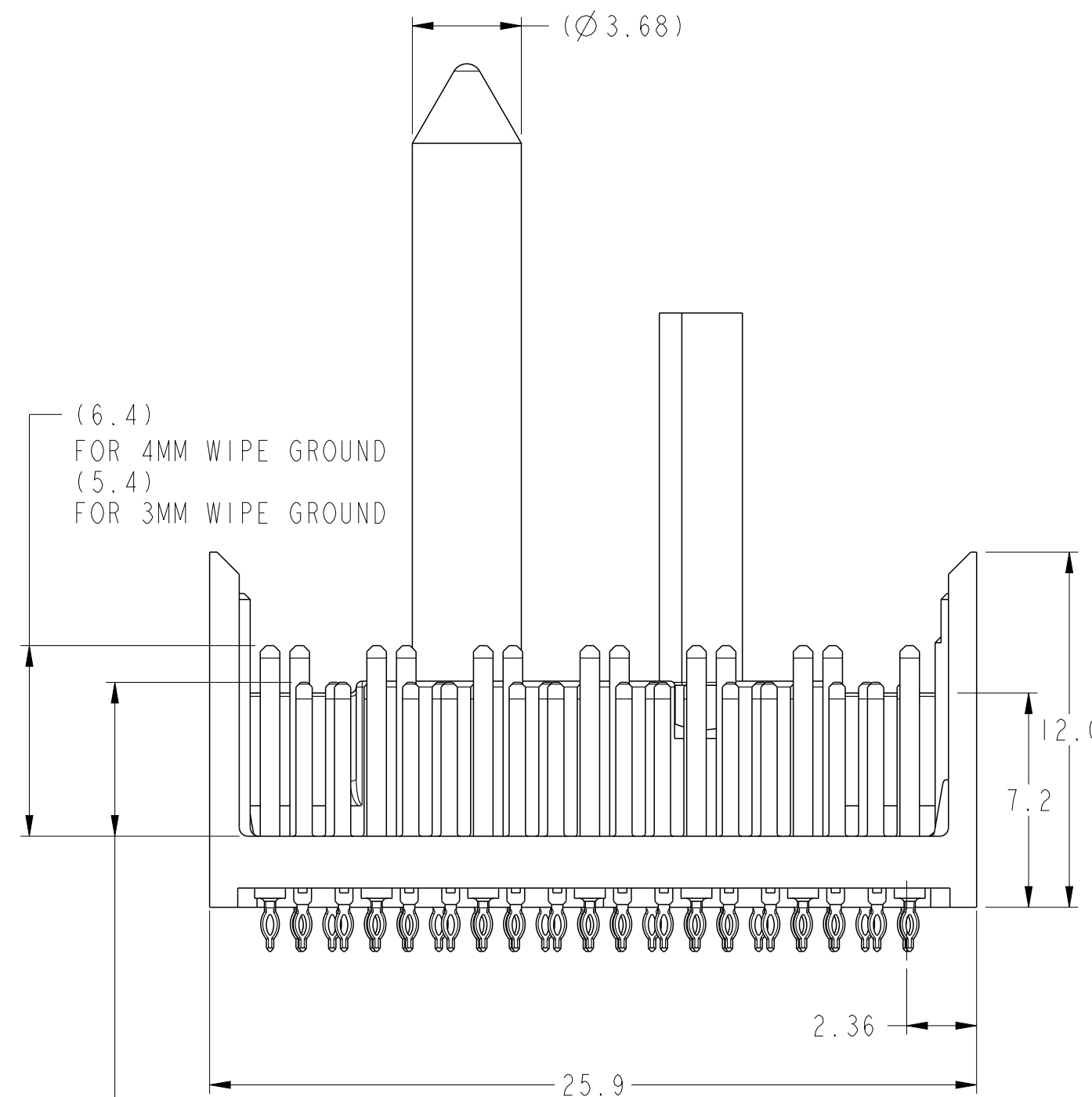
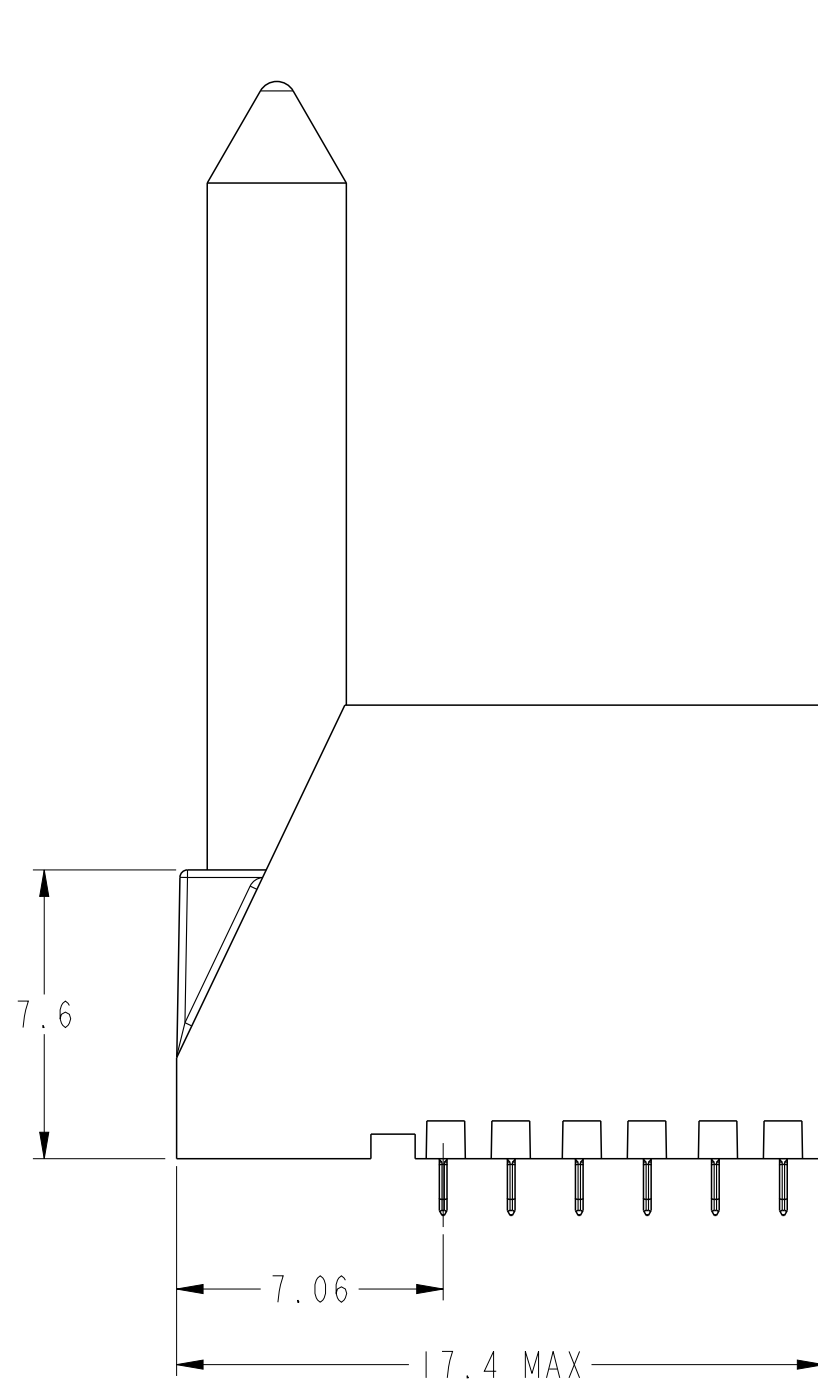
SEE NOTE 5



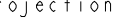
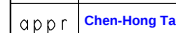
SEE DETAIL A
ON SHEET 8 FOR PINOUT DETAILS

BP HOLE PATTERN COMPONENT SIDE

LEFT POLARIZING GUIDE MODULE
BACKPLANE FOOTPRINT



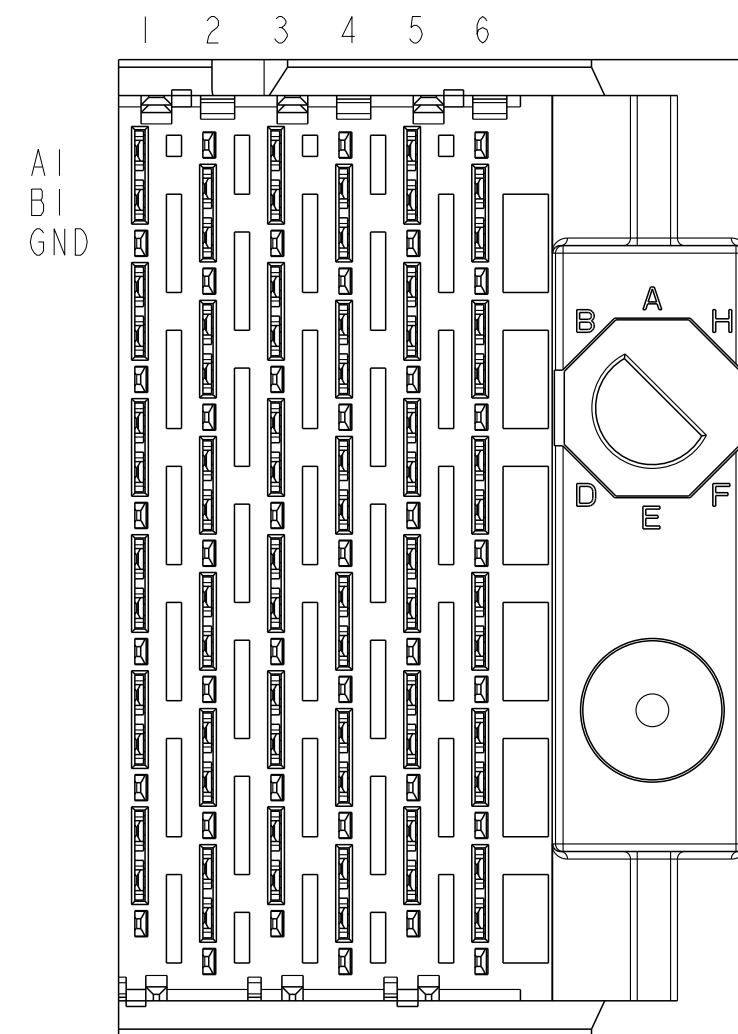
(5.2)
FOR 4MM WIPE SIGNAL
(4.2)
FOR 3MM WIPE SIGNAL

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tolerance std	-	eng	Sandar Soe	2013/03/20	chr	-	-	ecn no	ELX-S-14229-1	rel level	Released
ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED	appr	Chen-Hong Tan	2013/04/09	product family	XCEDE HD					
surface		linear		VERTICAL HEADER ASSEMBLY			dwg no	10119130		rev	B
ASME Y14.5	angular	0°	±2°	www.fci.com	cat. no.	-	Product - Customer Drw	sheet 6 of 8			

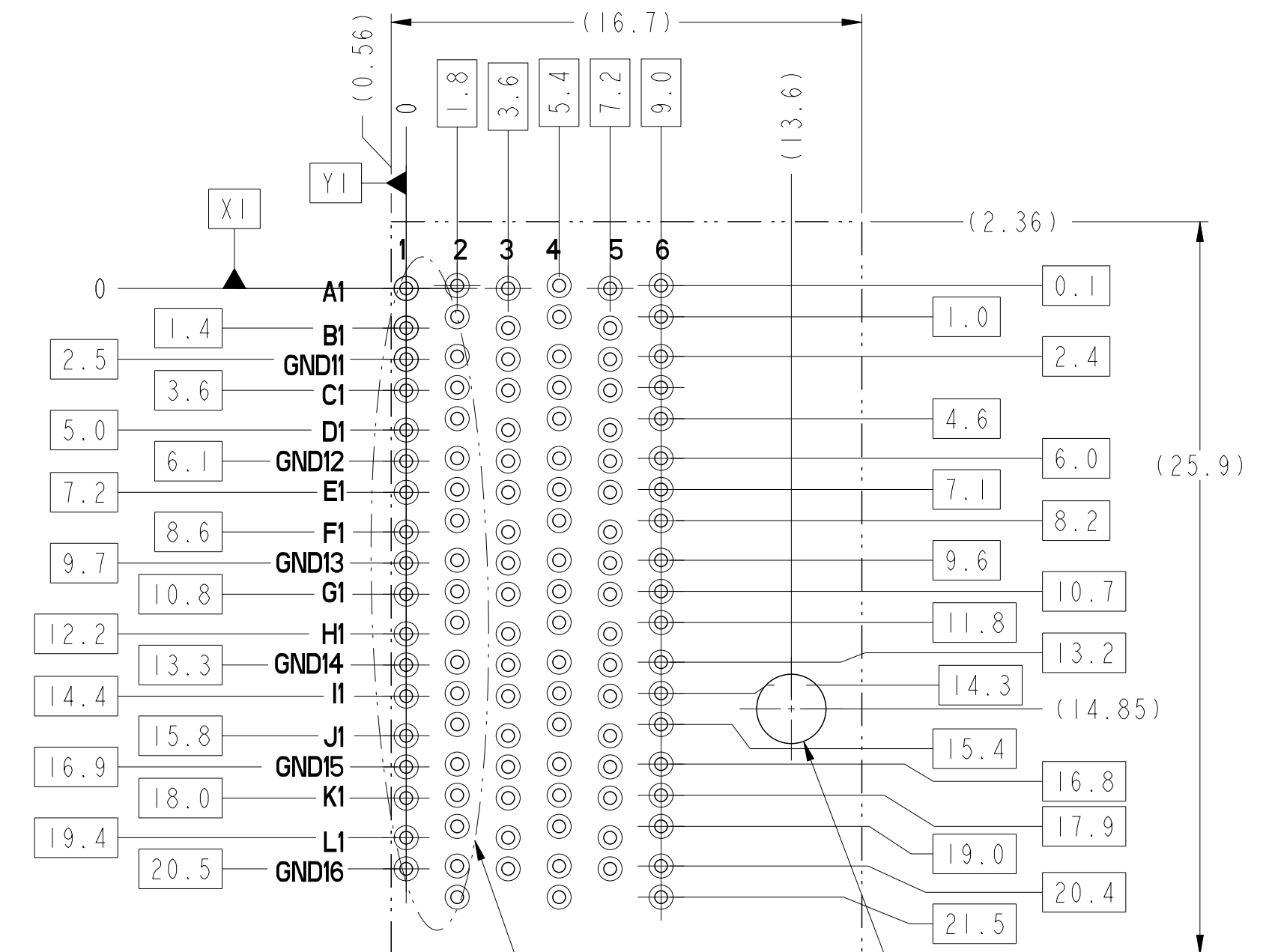
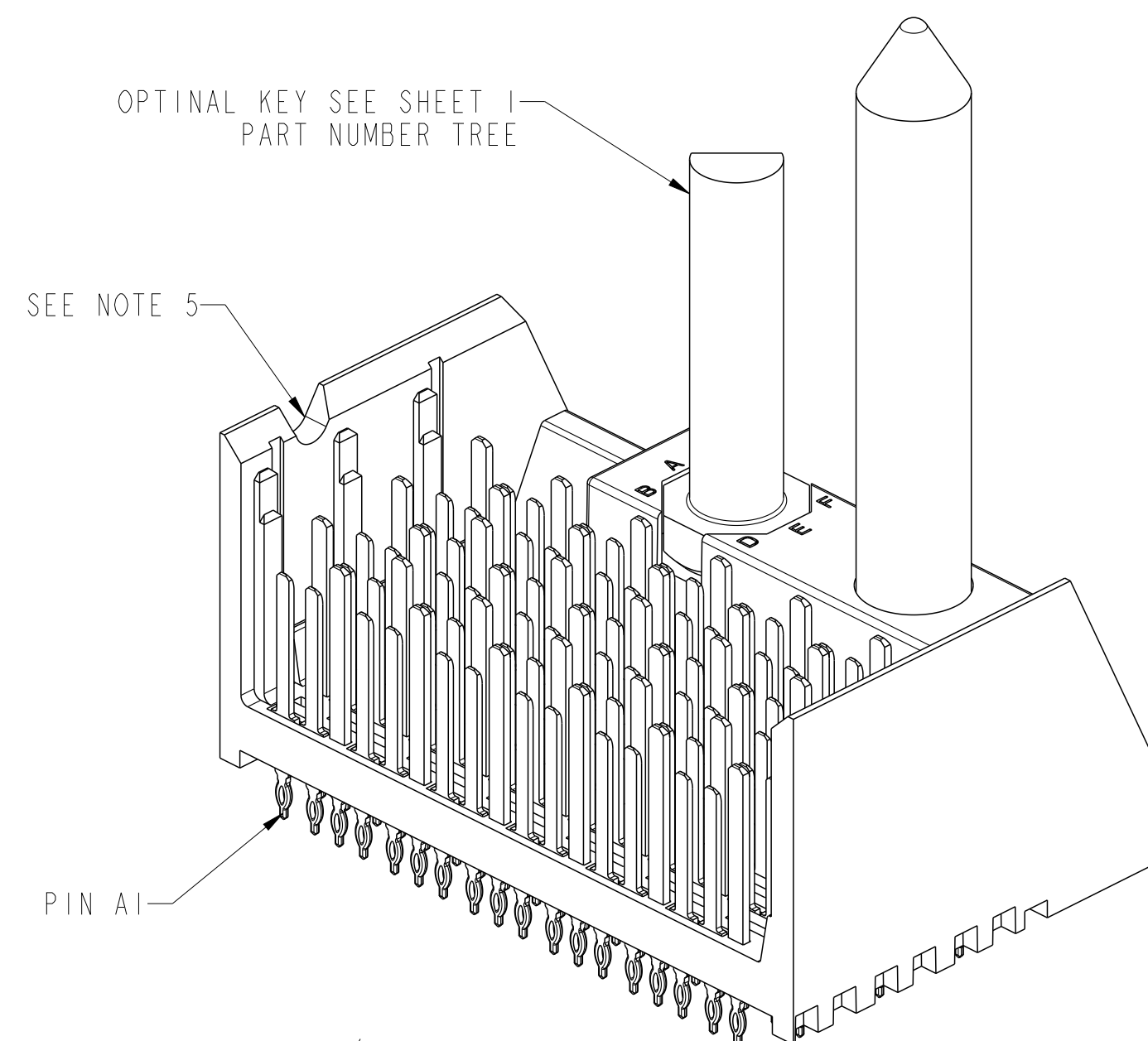
PDS: Rev :B

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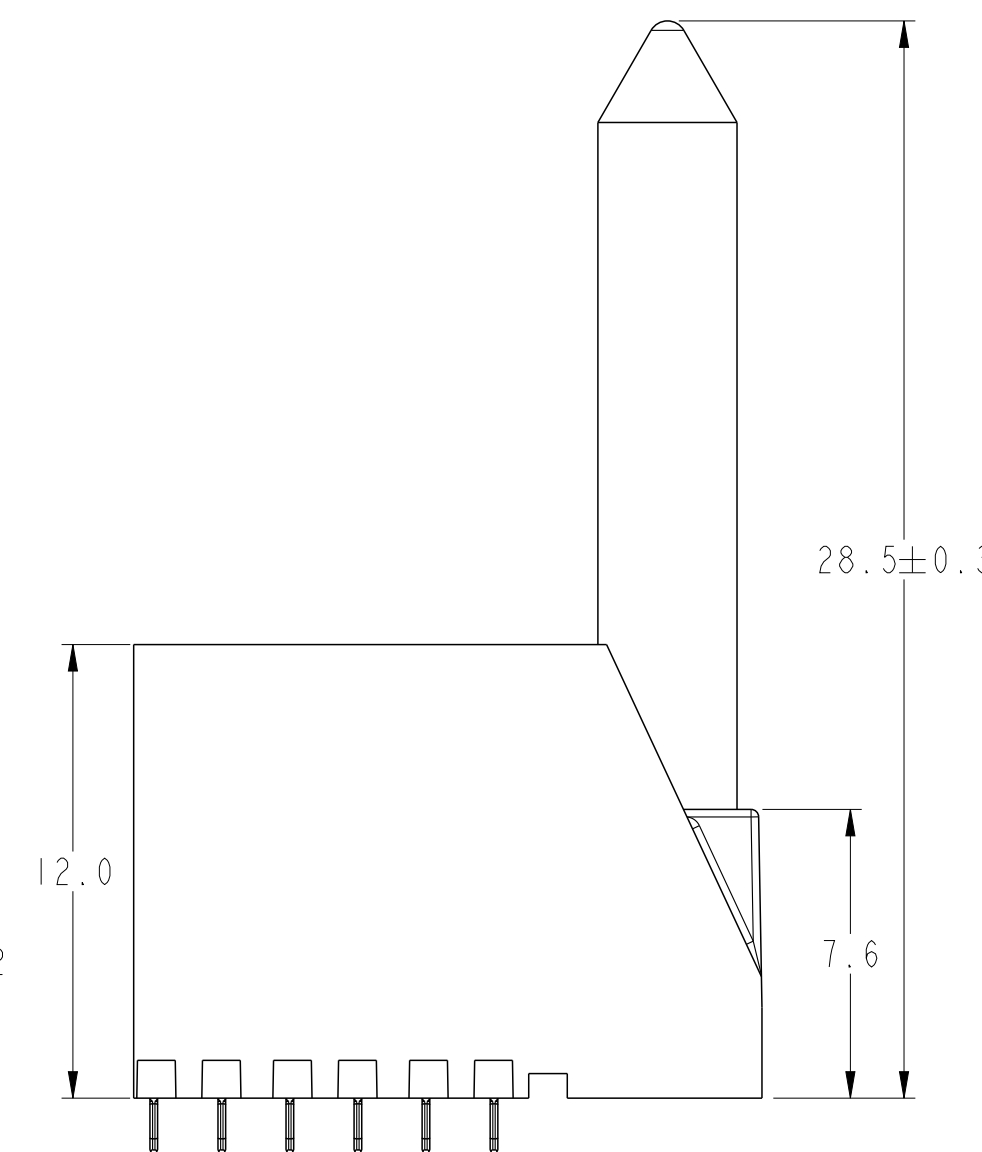
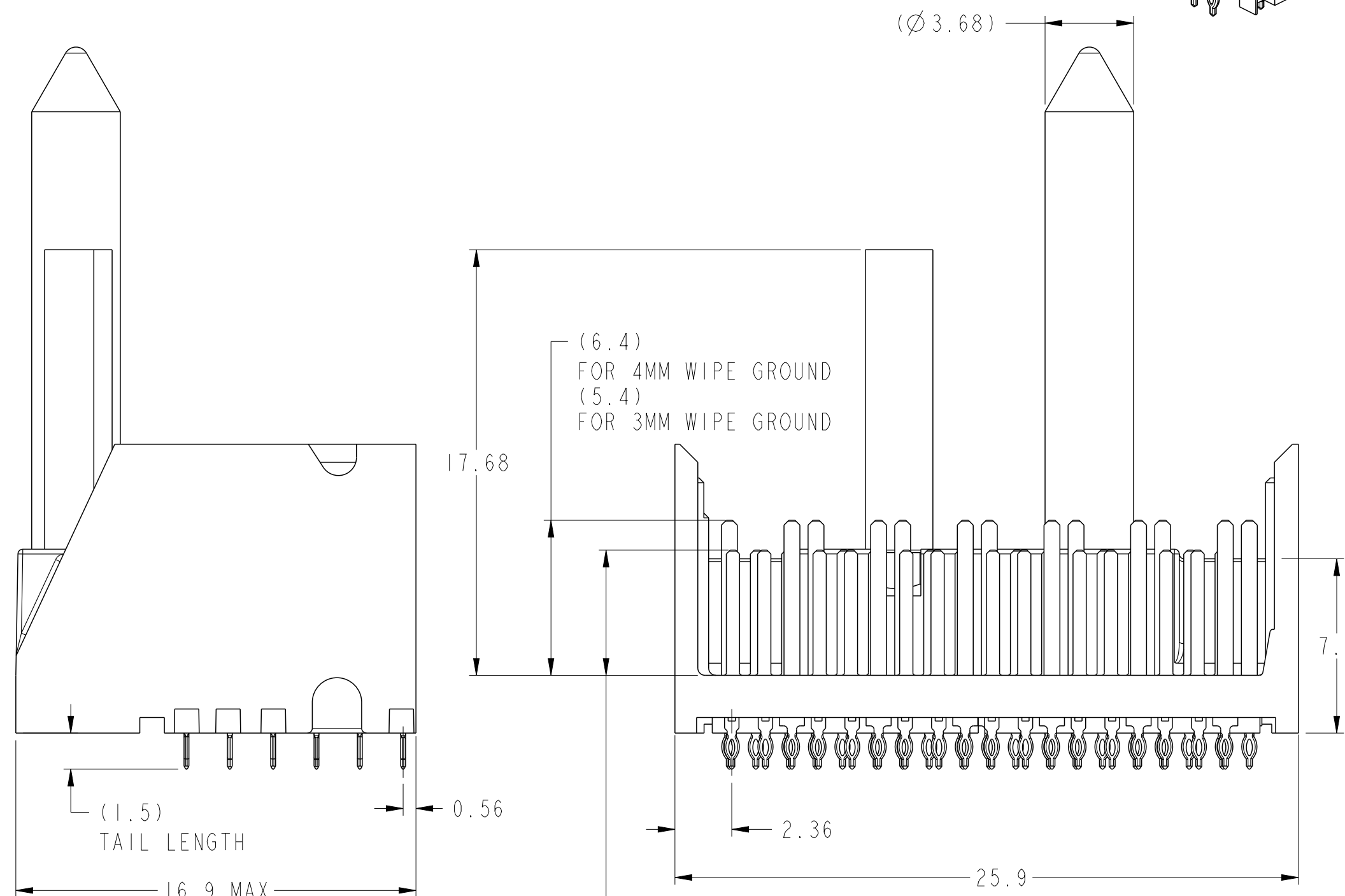
RIGHT POLARIZING GUIDE MODULE



SEE DETAIL A
ON SHEET 8 FOR
PINOUT DETAILS

SEE NOTE 11 & TABLE 1

BP HOLE PATTERN COMPONENT SIDE
RIGHT POLARIZING GUIDE MODULE
BACKPLANE FOOTPRINT



spec ref		-		dr		Marty Glass		2012/02/09		projection		MM		size		A2		scale		5:1	
tolerance std		-		eng		Sandar Soe		2013/03/20						ecn no		ELX-S-14229-1		rel level		Released	
ASME Y14.5		TOLERANCES UNLESS OTHERWISE SPECIFIED		chr		-		-													
				appr		Chen-Hong Tan		2013/04/09													
surface		✓		linear				title		VERTICAL HEADER ASSEMBLY		dwg no		10119130		rev		B			
				0.X																±0.3	
				0.XX																±0.10	
ASME Y14.5				0.XXX		±0.05															
				angular		0°		±2°		www.fci.com		cat. no.		-		Product - Customer Drw		sheet 7 of 8			

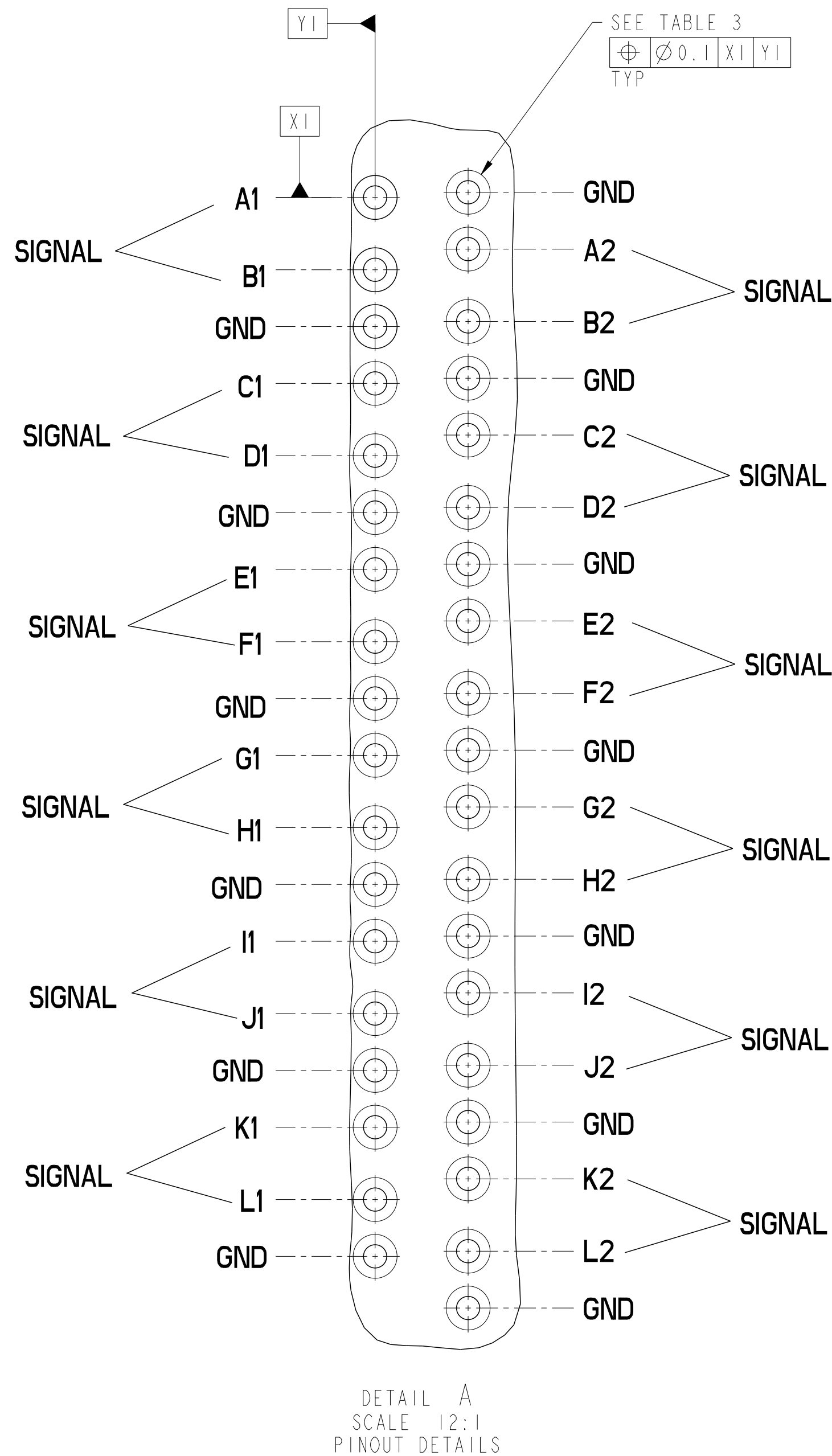


TABLE 3		
	COMPLIANT PIN DRILL Ø0.55[0.0217"]	COMPLIANT PIN DRILL Ø0.45[0.0117"]
PTH	Ø0.45±0.05	Ø0.36±0.05
DRILL	Ø0.55[0.0217"]	Ø0.45[0.0117"]
PAD	Ø0.85	Ø0.75

NOTES:

- CONNECTOR MATERIALS
SHROUD : HIGH-TEMP POLYMER, COLOR : BLACK, UL94V-0
CONTACTS : HIGH PREFORMANCE COPPER ALLOY
- PRODUCT SPECIFICATION : GS-12-0936
- APPLICATION SPECIFICATION : GS-20-0348
- PRODUCT MARKING :
PART NUMBER (10119130-X0C-XXXLF)
"FCI" AND DATE CODE (FCI P#####)
- NOTCH DESIGNATES "ROW A" SIDE OF CONNECTOR. NOTCH FEATURE ON OPPOSITE FOR PRODUCT MARKING.
- PLATING THICKNESS OF SIGNAL & GROUND CONTACT ARE DETERMINED BY PLATING CODE, REFER TO P/N TREE ON SHEET 1.
- PACKAGING MEETS GS-14-920 LEAD-FREE LABELING SPECIFICATION.
- GUIDE-PIN STYLE DESIGNATION ONLY APPLIES TO MODULE VERSIONS THAT REQUIRE GUIDE-PIN HARDWARE. FOR ALL NON-GUIDE-PIN VERSIONS, THE DEFAULT DASH-NUMBER DIGIT IN THAT LOCATION IS STILL '0'.
- SEE APPLICATION SPECIFICATION FOR ROUTING GUIDELINES, ADDITIONAL PTH GUIDELINES, MATED DIMENSIONS, GUIDE PIN SELECTION, ETC.
- A  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW OR NOTE THAT HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.
-  (1) OPTIONAL HOLE LOCATION FOR GROUNDED PIN OR ADDITIONAL GUIDE-PIN SUPPORT. SEE TABLE 1 SHEET 1 FOR ADDITIONAL DETAILS.
-  (2) SCREW IS OPTIONAL AND ENGAGES WITH BOTTOM OF GUIDE PIN FROM BENEATH THE PCB FOR ADDITIONAL GUIDE-PIN SUPPORT.

spec ref		-		dr		Marty Glass		2012/02/09		projection				size		A2		scale		3:1	
tolerance std		-		eng		Sandar Soe		2013/03/20						MM		ecn no		ELX-S-14229-1			
ASME Y14.5		TOLERANCES UNLESS OTHERWISE SPECIFIED		chr		-		-						rel level		Released					
				appr		Chen-Hong Tan		2013/04/09						product family		XCEDE HD					
surface				linear		0.X		±0.3		FCI		title		VERTICAL HEADER ASSEMBLY		dwg no		10119130		rev	
						0.XX		±0.10													
						0.XXX		±0.05													
ASME Y14.5		angular				±2°		www.fci.com		cat. no.		-		Product - Customer Drw		sheet 8 of 8		B			

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