

10119126 - X0J - XXXLF

LEAD-FREE DESIGNATION
ONLY WITH APPLICABLE
PLATING CODES

4-COLUMN
DIFFERENTIAL
SIGNAL

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)										

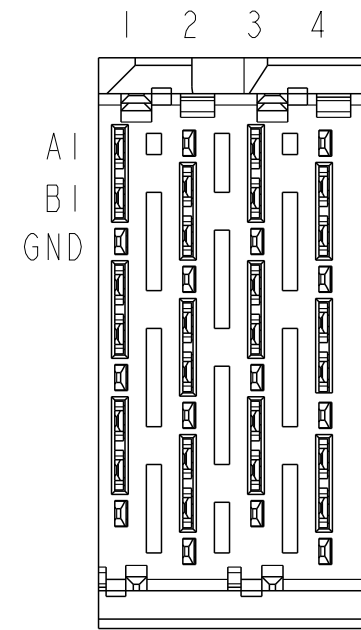
NUMBER	CONTACT MATING WIPE LENGTH		COMPLIANT TAIL TYPE (SEE NOTE 9)
	SIGNAL	GROUND	
1	2 MM	4 MM	0.55 (0.0217") DRILL
2	3 MM	4 MM	0.55 (0.0217") DRILL
3	2 MM	4 MM	0.45 MICRO (0.0177") DRILL
4	3 MM	4 MM	0.45 MICRO (0.0177") DRILL
5	2 MM	3 MM	0.55 (0.0217") DRILL
6	3 MM	3 MM	0.55 (0.0217") DRILL
7	2 MM	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 10119126-XXXX, WHERE: "X" DENOTES MODULE TYPE PER CHART ON THIS SHEET "YYYY" IS A SEQUENTIAL NUMBER BEGINNING WITH "0001".

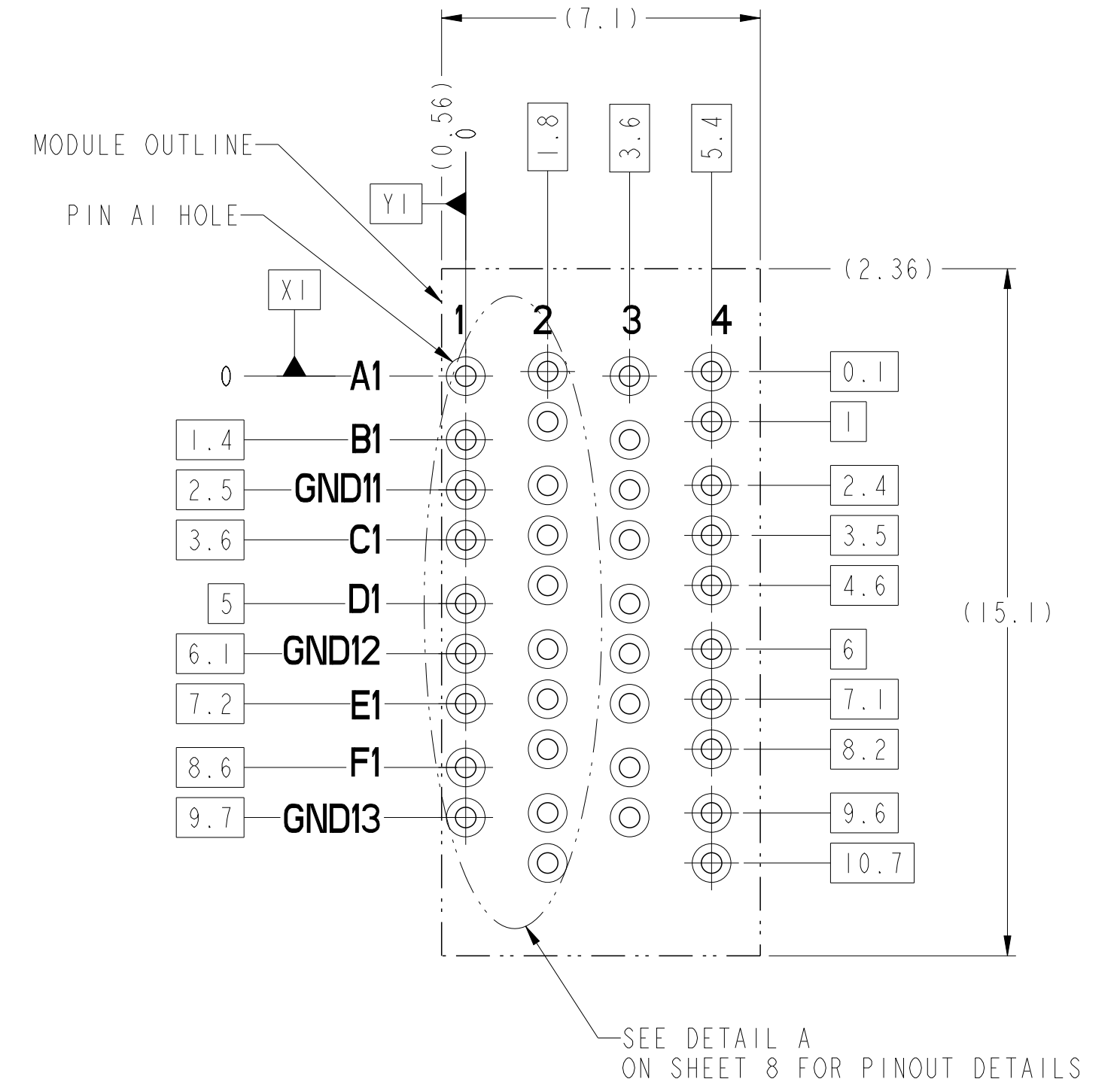
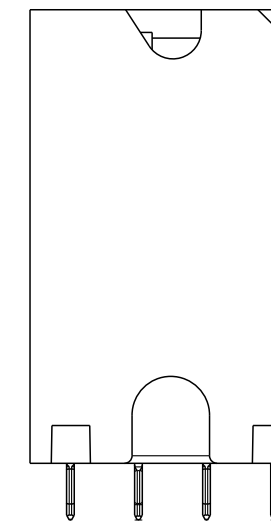
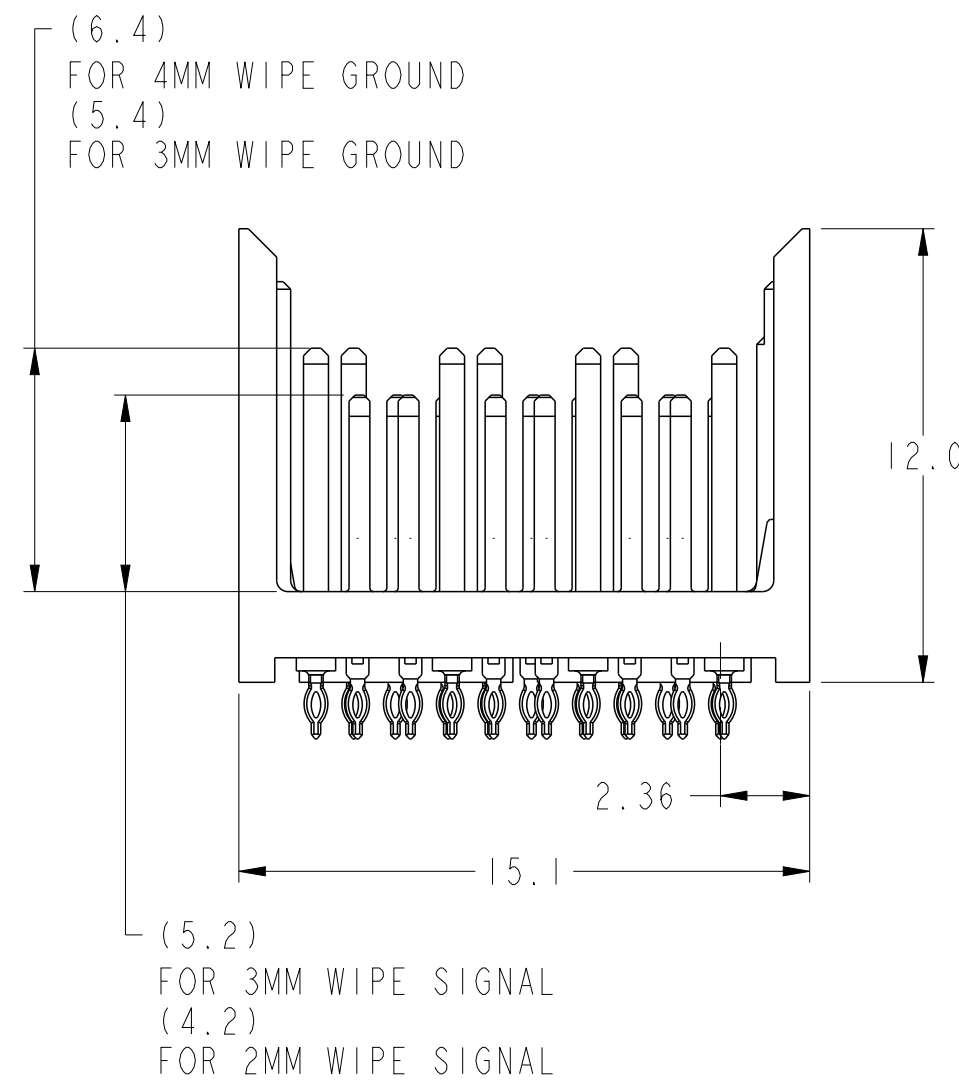
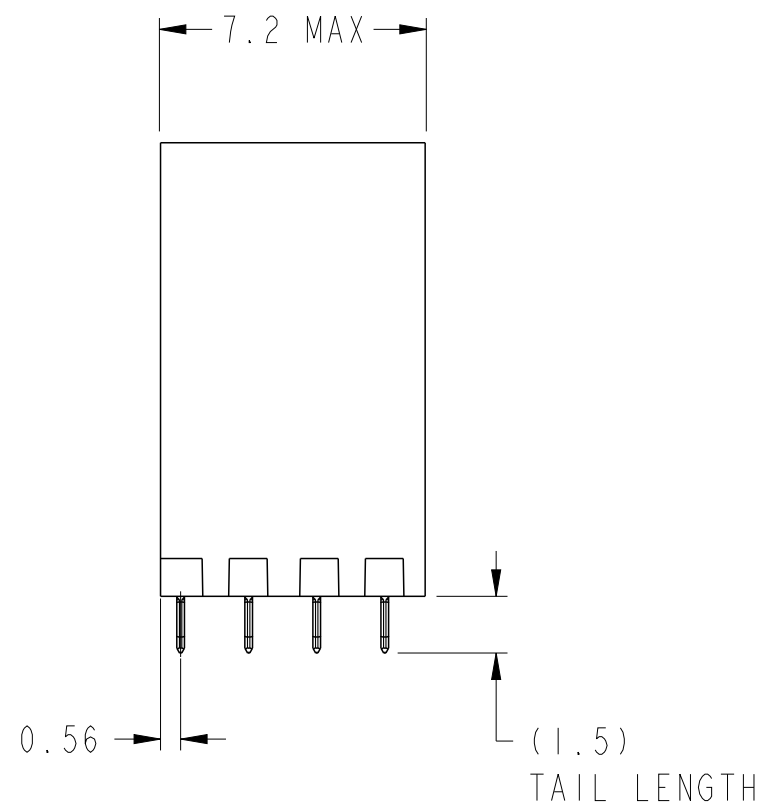
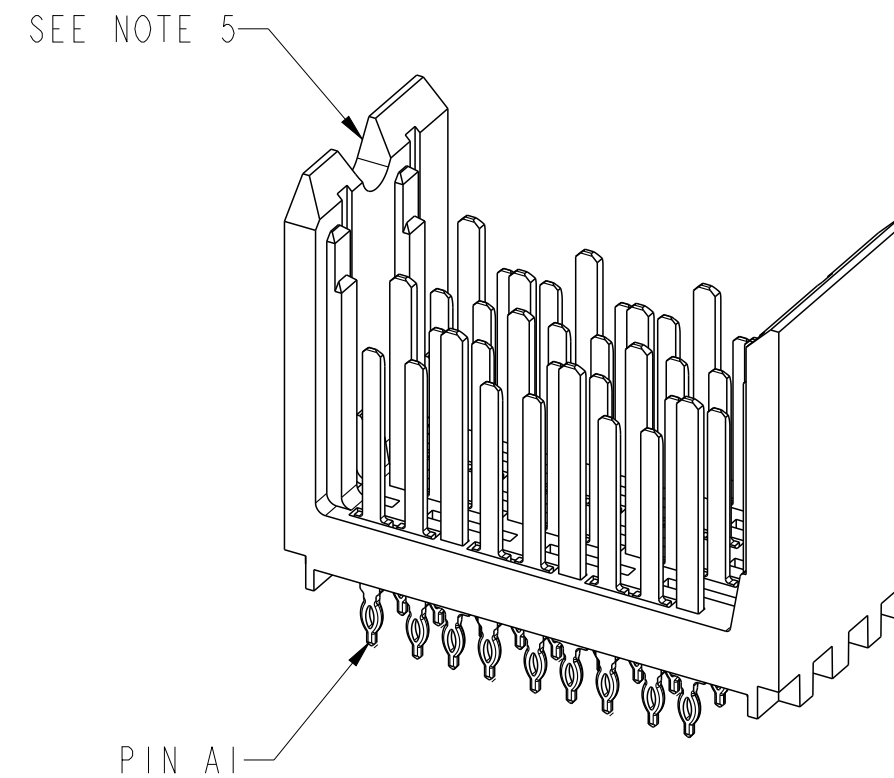
TABLE 1 (SEE NOTE 11)		
	UNGROUND	GROUND
FHS	Ø 2.35-Ø 2.55	Ø 2.35-Ø 2.55
PAD	N/A	Ø 5.50
PLATED	NO	YES
DRILL(mm)	2.44mm	2.58mm
DRILL(in)	0.096"	0.1015"

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		2012/02/10		projection		MM		size		A2		scale		5:1											
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Sandar Soe		2013/03/20						ecn no		ELX-S-14229-1															
chr				-		-		rel level						Released																	
ISO 406 ISO 1101				appr		Chen-Hong Tan		2013/04/09		product family		XCEDE HD																			
surface				linear		0.X		±0.3				title		XCEDE HD VERTICAL HEADER 3 PAIR, 4 COLUMN STITCH HEADER										dwg no		10119126		rev		B	
0.XX				±0.10																											
0.XXX				±0.05																											
ISO 1302		angular		0°		±2°		www.fci.com		cat. no.		-		Product - Customer Drw										sheet 1 of 8							



OPEN WALL MODULE



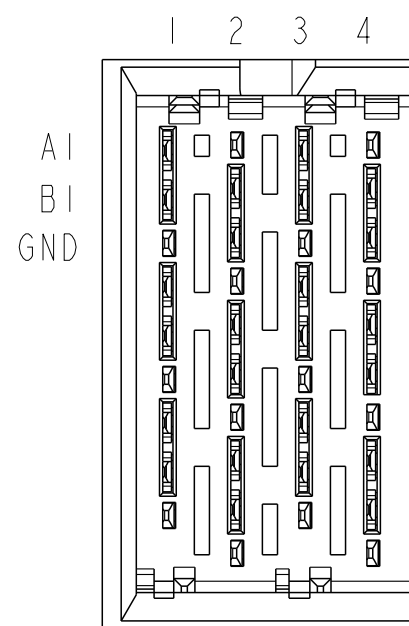
BP HOLE PATTERN COMPONENT SIDE OPEN WALL MODULE BACKPLANE FOOTPRINT

spec ref		-		dr		Marty Glass		2012/02/10		projection		MM		size		A2		scale		3:1	
tolerance std		ISO 406		eng		Sandar Soe		2013/03/20		chr		-		ecn no		ELX-S-14229-1		rel level		Released	
ISO 1101		TOLERANCES UNLESS OTHERWISE SPECIFIED		appr		Chen-Hong Tan		2013/04/09		product family		XCEDE HD		dwg no		10119126		rev		B	
surface		ISO 1302		linear		0.X		±0.3		FCI		XCEDE HD VERTICAL HEADER		3 PAIR, 4 COLUMN STITCH HEADER		www.fci.com		cat. no.		-	
0.XX		±0.10		0.XXX		±0.05		±2°		Product -		Customer Drw		sheet 2 of 8							
angular		0°		±2°																	

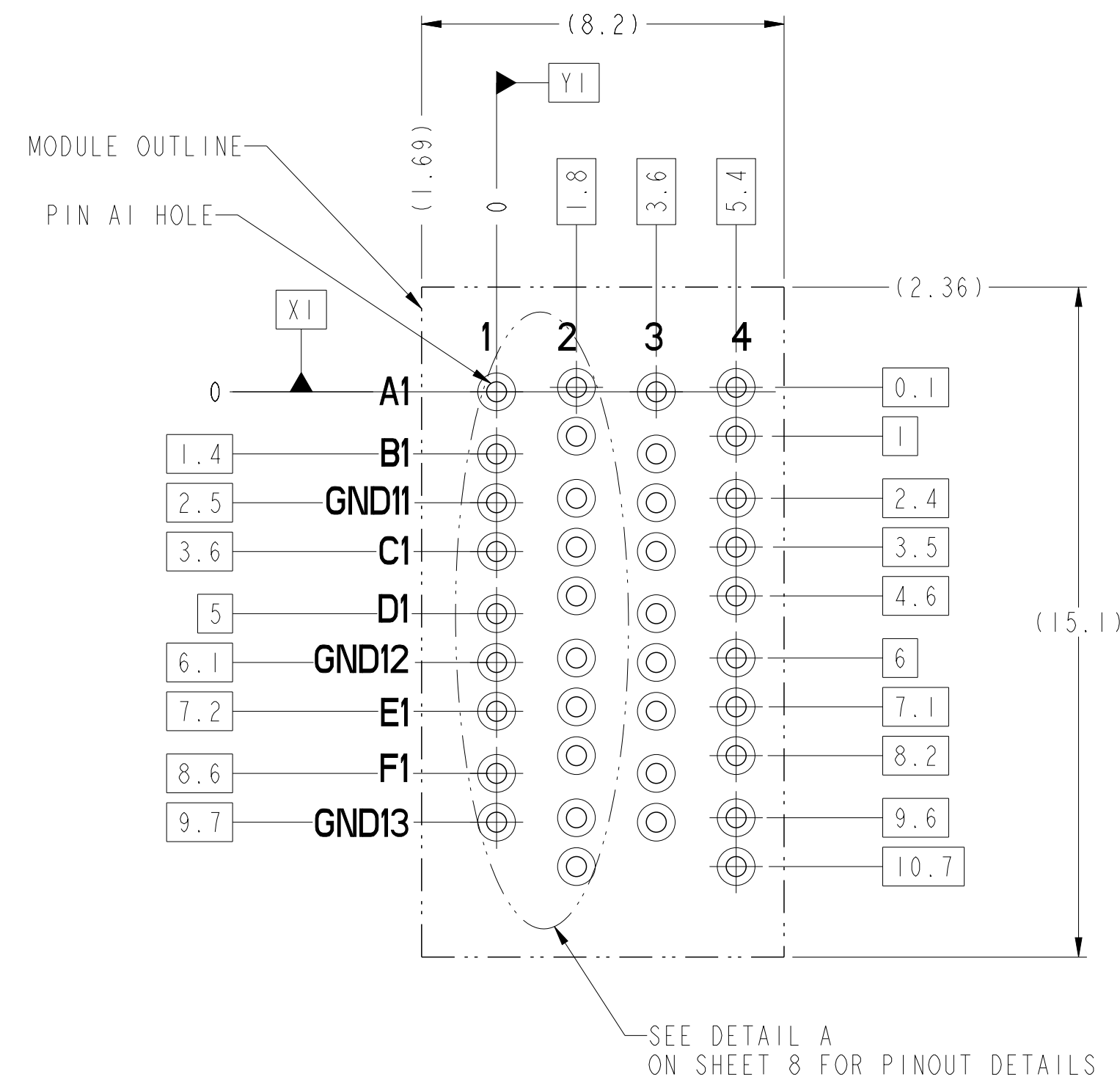
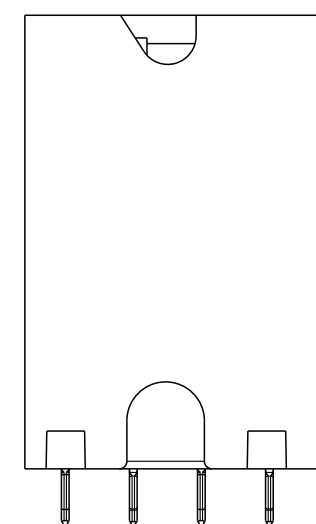
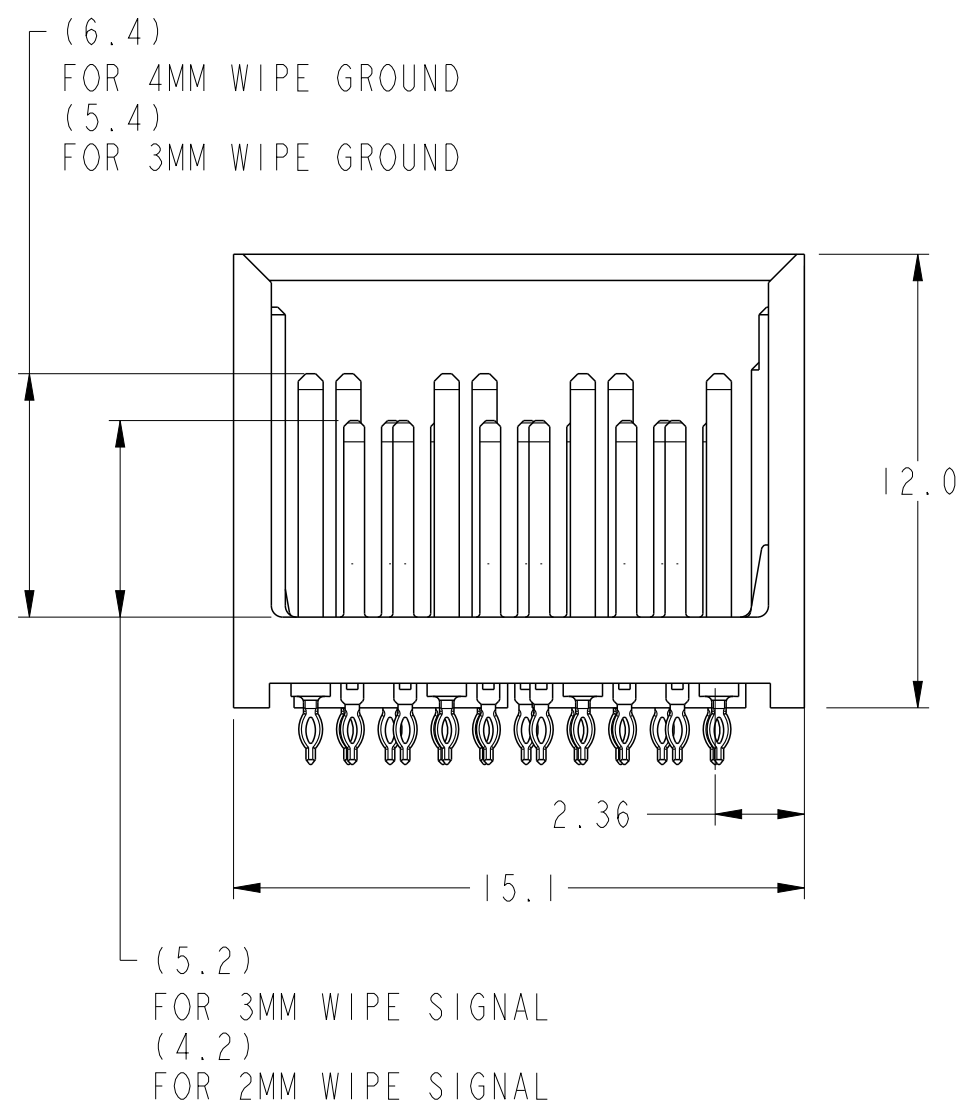
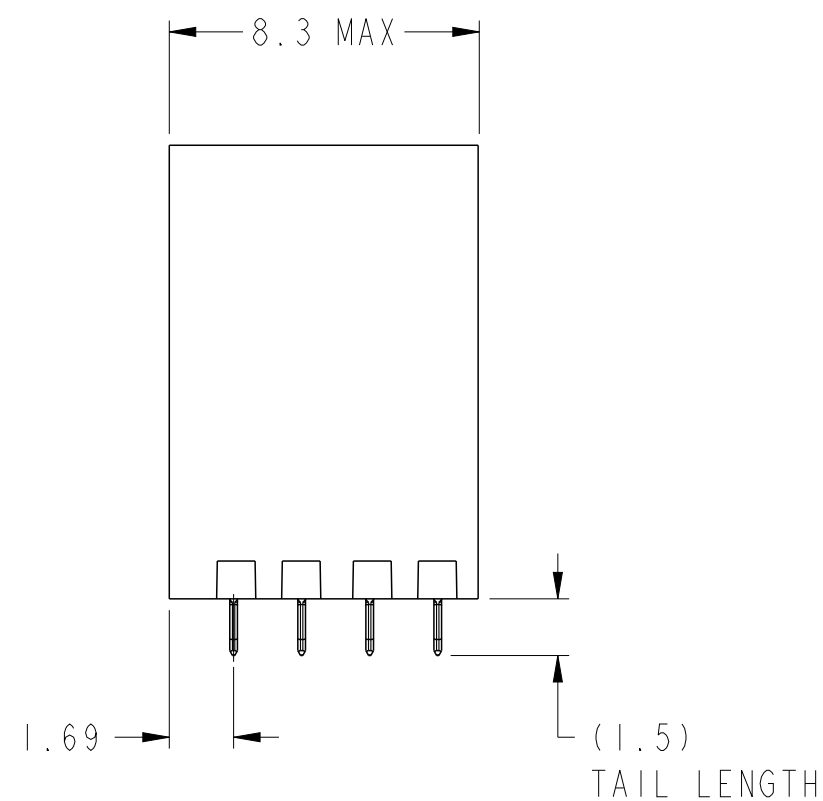
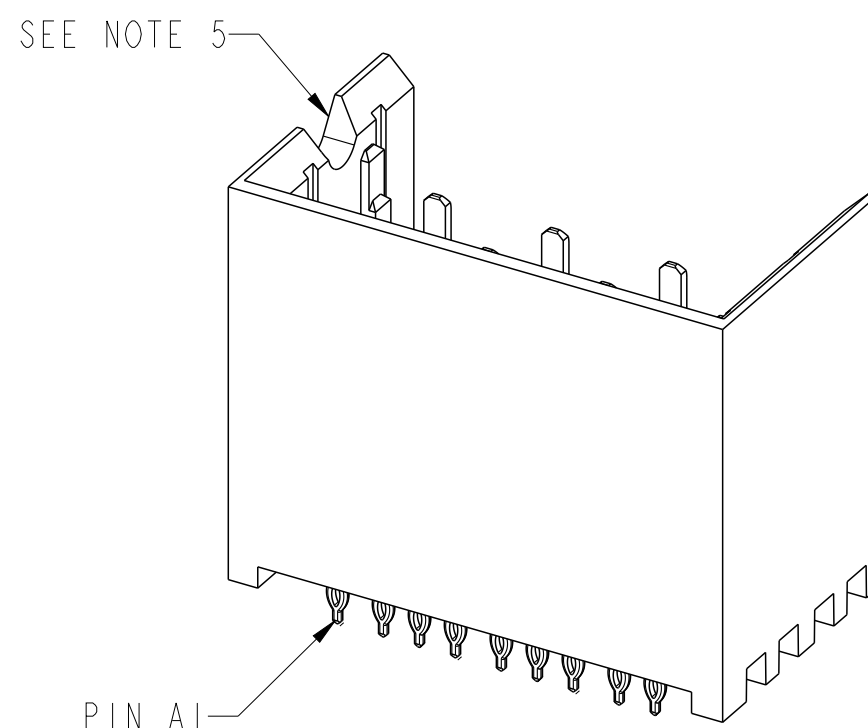
PDS: Rev :B

STATUS:Released

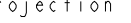
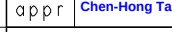
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LEFT WALL MODULE



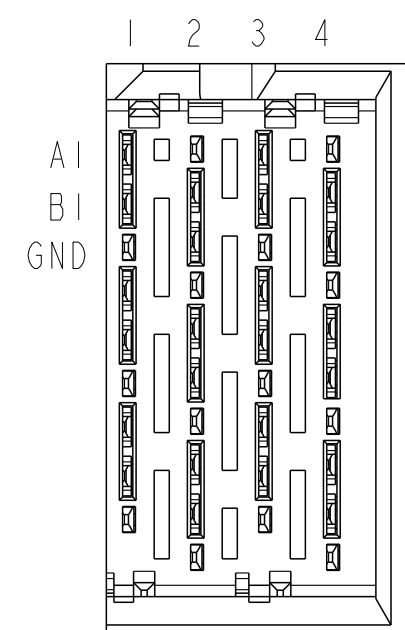
BP HOLE PATTERN COMPONENT SIDE
LEFT WALL MODULE BACKPLANE FOOTPRINT

spec ref		-	dr		Marty Glass	2012/02/10	projection			MM	size	A2	scale	3:1			
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED	eng		Sandar Soe	2013/03/20	chr		-	-	ecn no	ELX-S-14229-1					
ISO 406			appr		Chen-Hong Tan	2013/04/09	product family		XCEDE HD		rel level			Released			
ISO 1101																	
surface			linear			title		XCEDE HD VERTICAL HEADER				dwg no		10119126		rev	B
						3 PAIR, 4 COLUMN STITCH HEADER											
ISO 1302			angular			0° ±2°		www.fci.com		cat. no.		-		Product - Customer Drw		sheet 3 of 8	

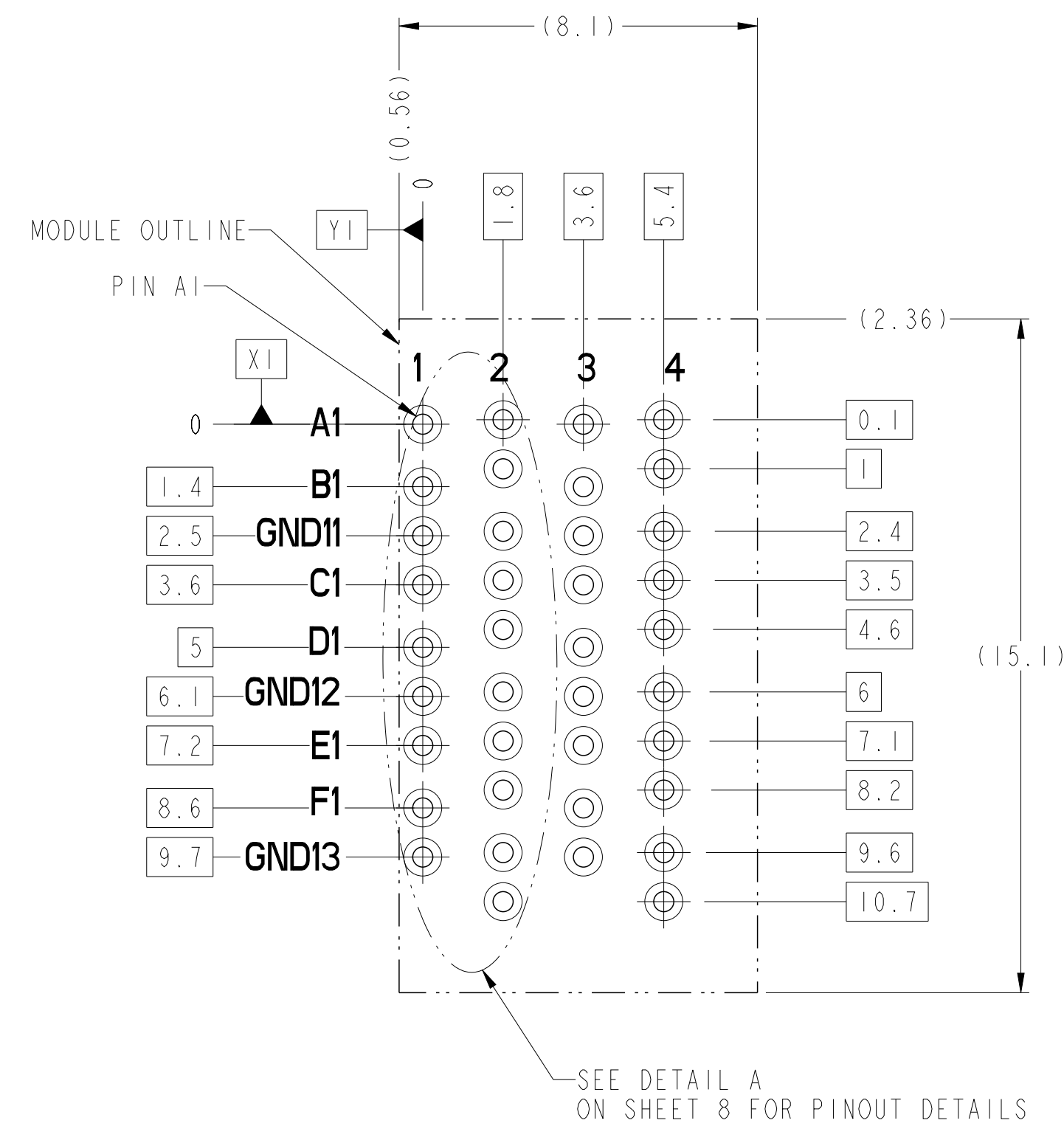
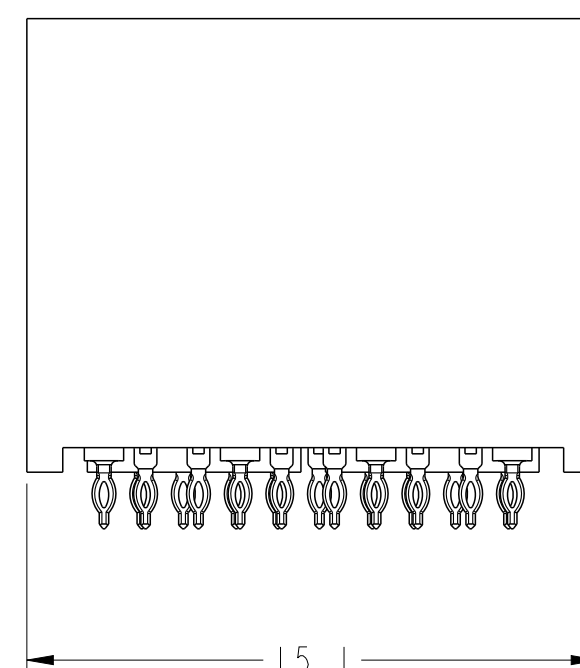
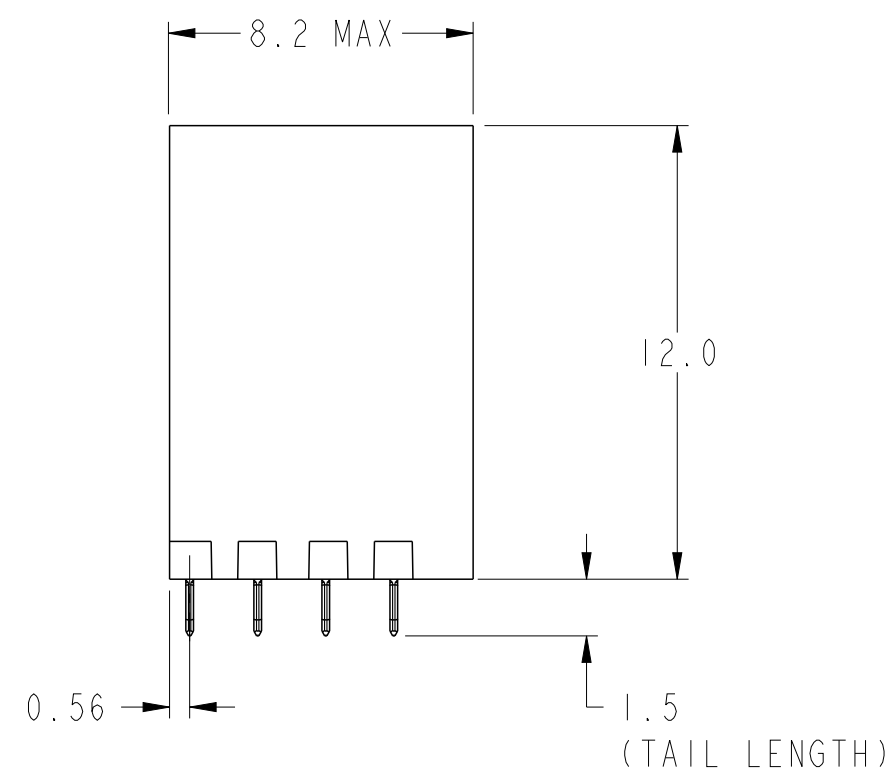
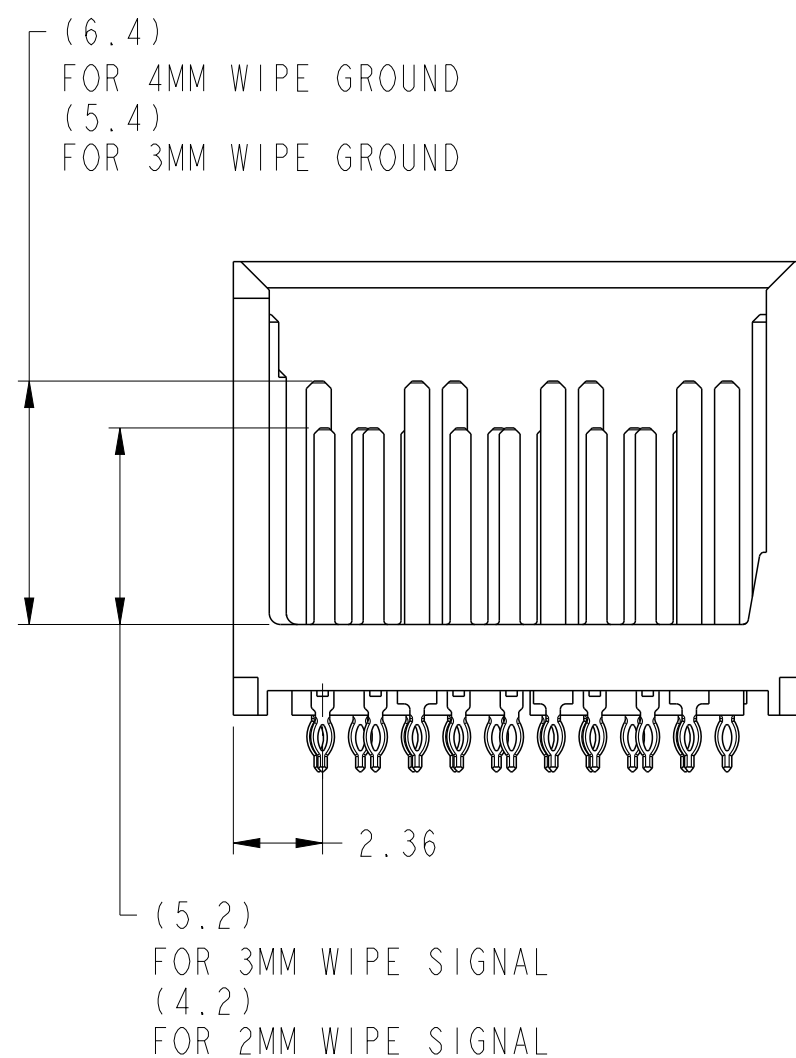
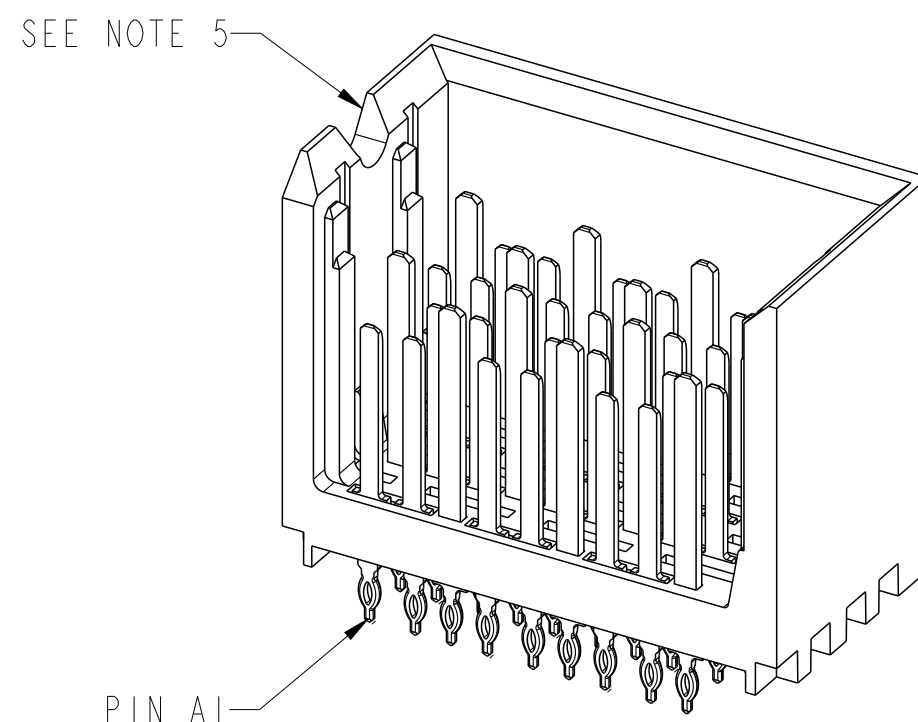
PDS: Rev :B

STATUS:Released

Printed: Apr 10, 2013



RIGHT WALL MODULE



BP HOLE PATTERN COMPONENT SIDE

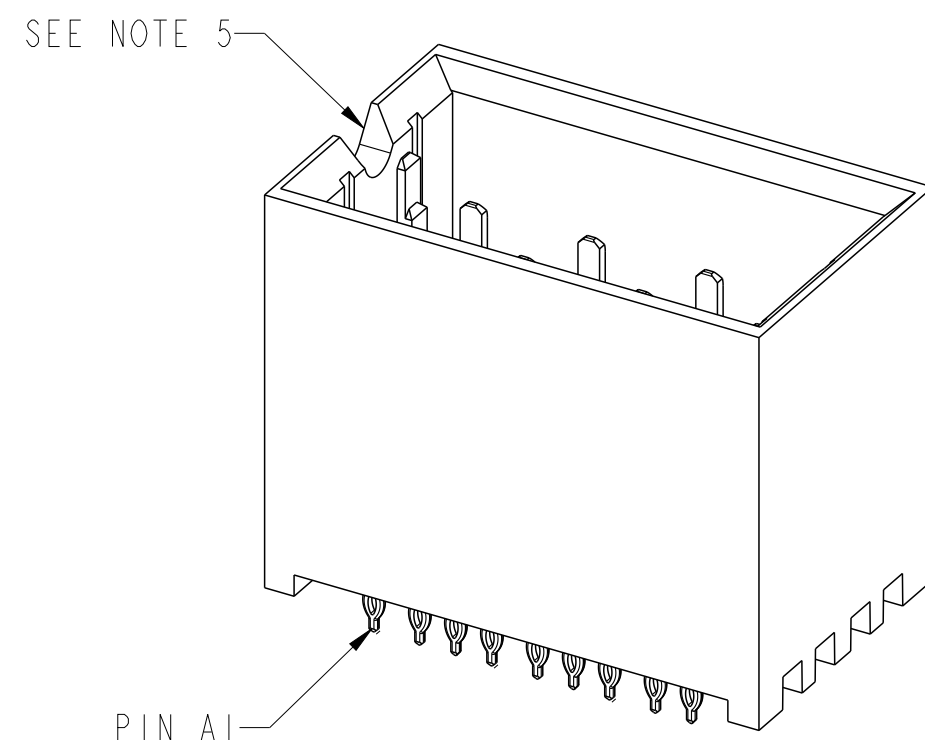
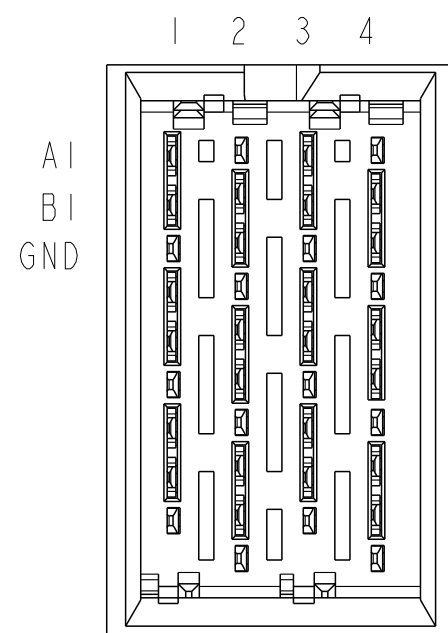
RIGHT WALL MODULE BACKPLANE FOOTPRINT

spec ref	-	dr	Marty Glass	2012/02/10	projection	MM	size	A2	scale	3:1
tolerance std	ISO 406 ISO 1101	eng	Sandar Soe	2013/03/20	chr	-	ecn no	ELX-S-14229-1	rel level	Released
surface	ISO 1302	appr	Chen-Hong Tan	2013/04/09	product family	XCEDE HD	cat. no.	10119126	rev	B
TOLERANCES UNLESS OTHERWISE SPECIFIED		linear	0.X	±0.3	FCI XCED HD VERTICAL HEADER 3 PAIR, 4 COLUMN STITCH HEADER					
			0.XX	±0.10						
			0.XXX	±0.05						
		angular	0°	±2°						
		www.fci.com		cat. no.		Product - Customer Drw		sheet 4 of 8		

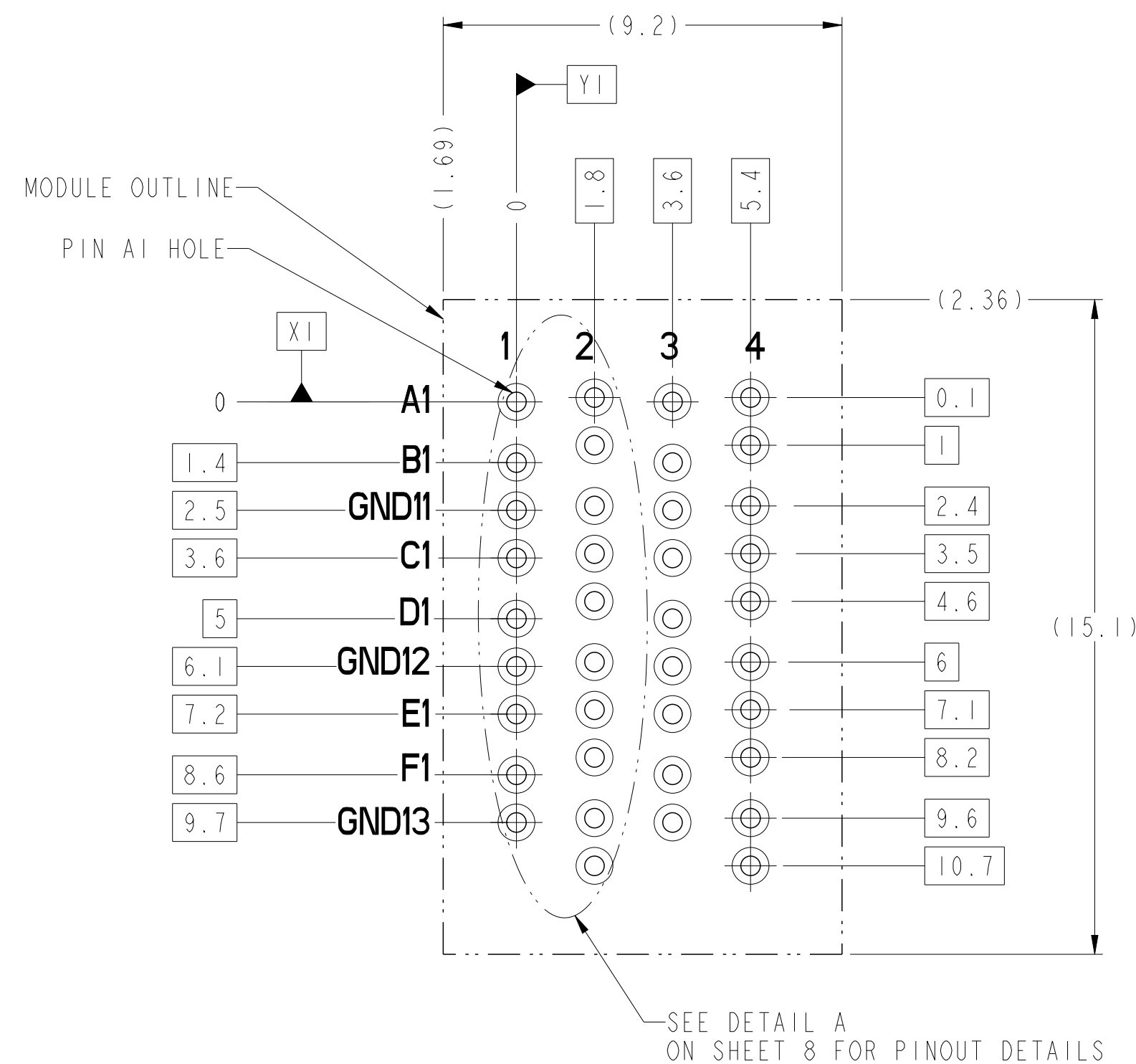
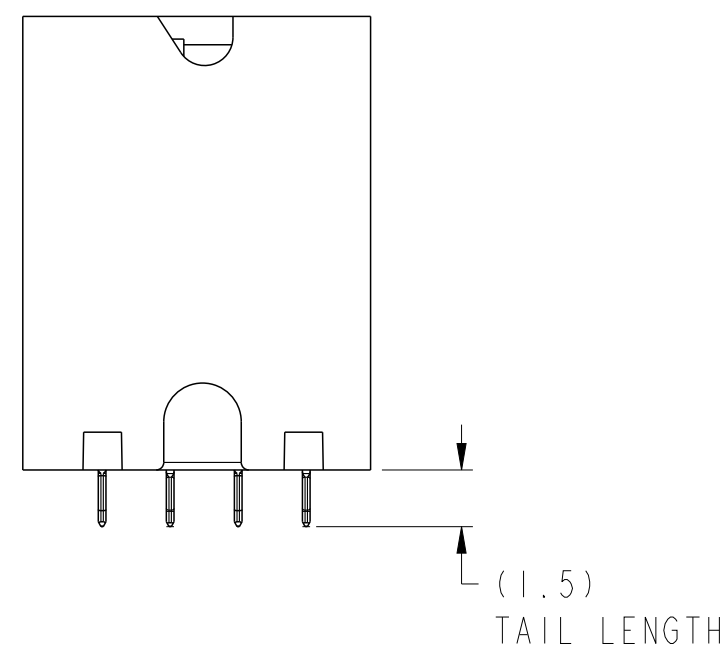
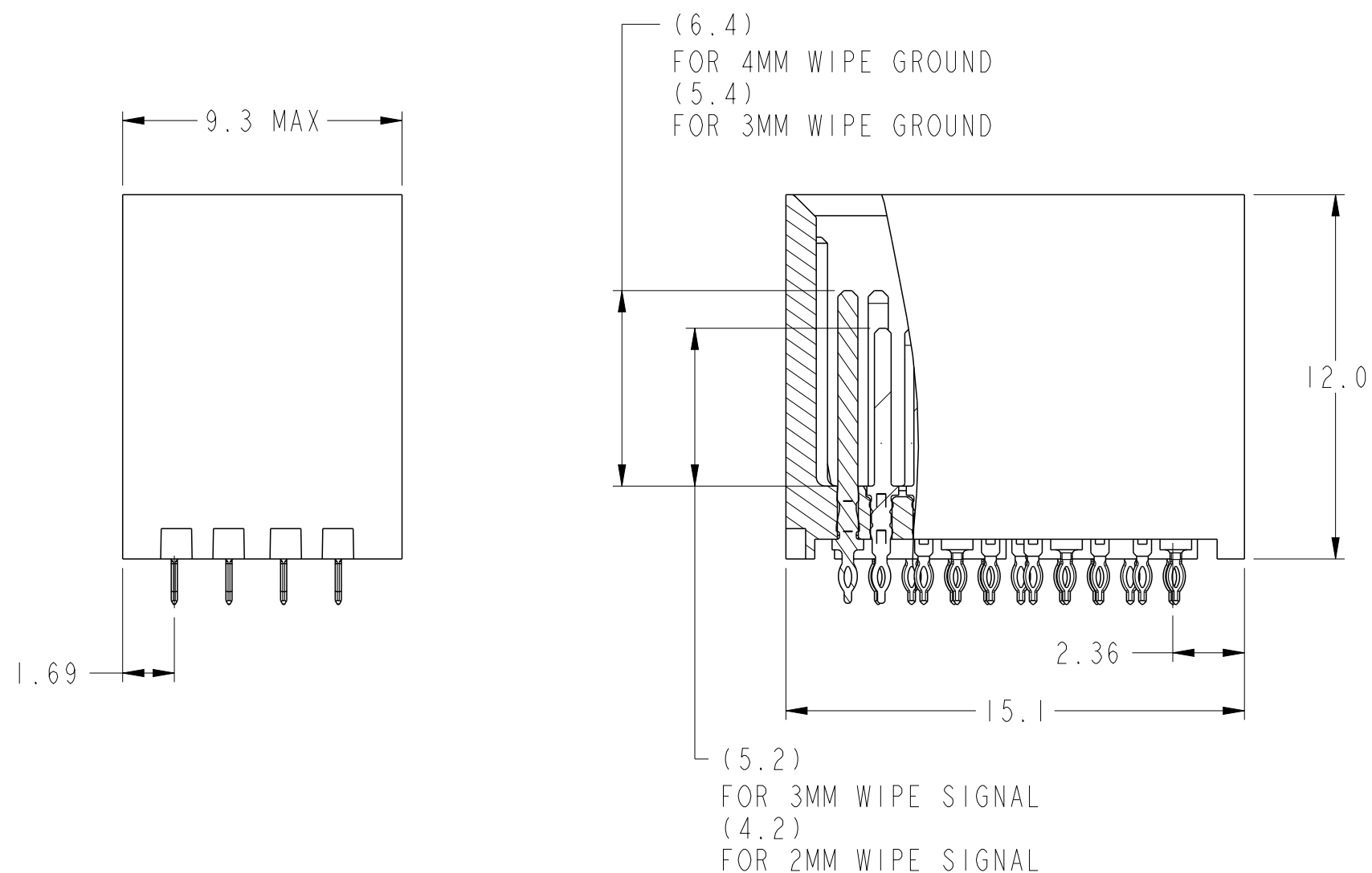
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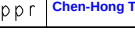
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FOUR WALL MODULE



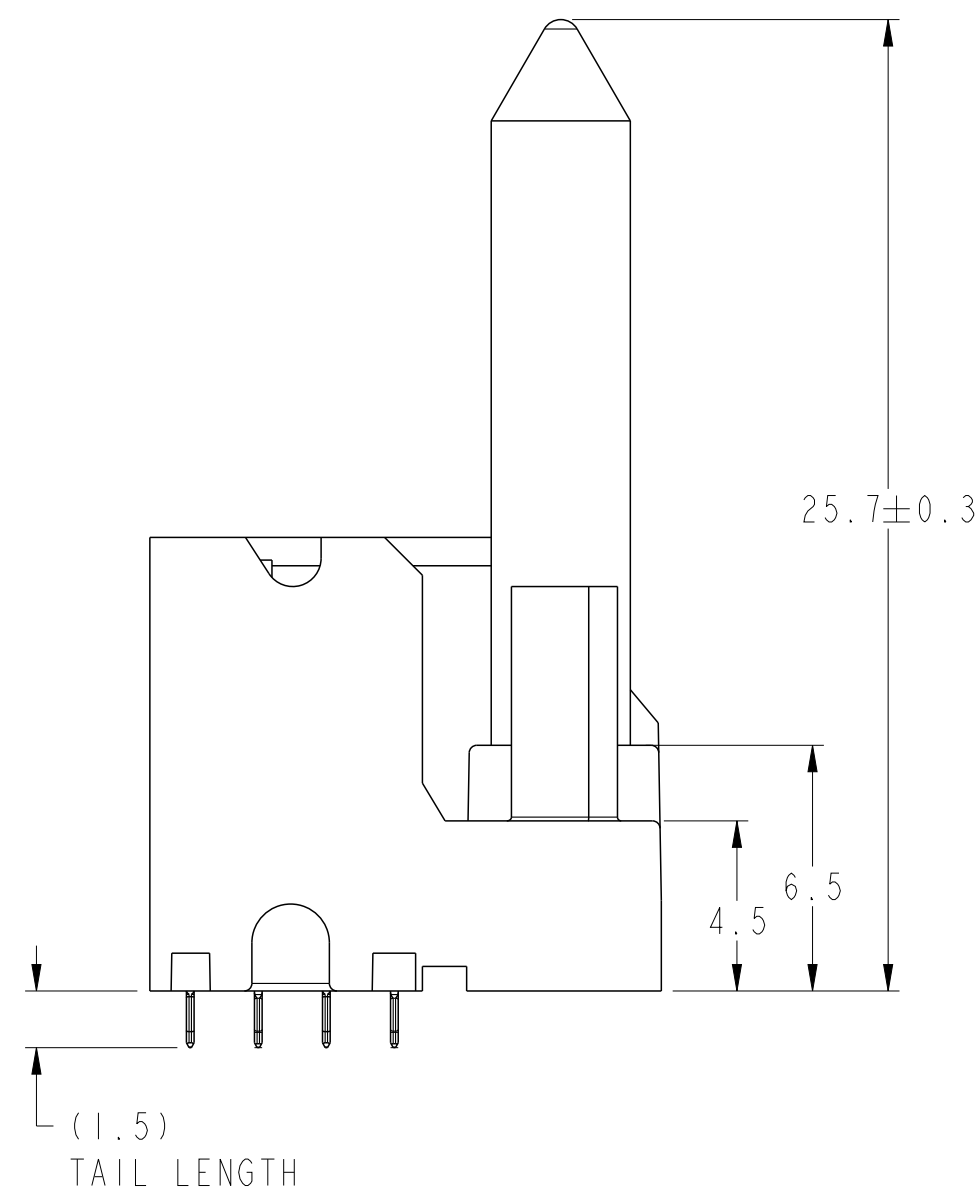
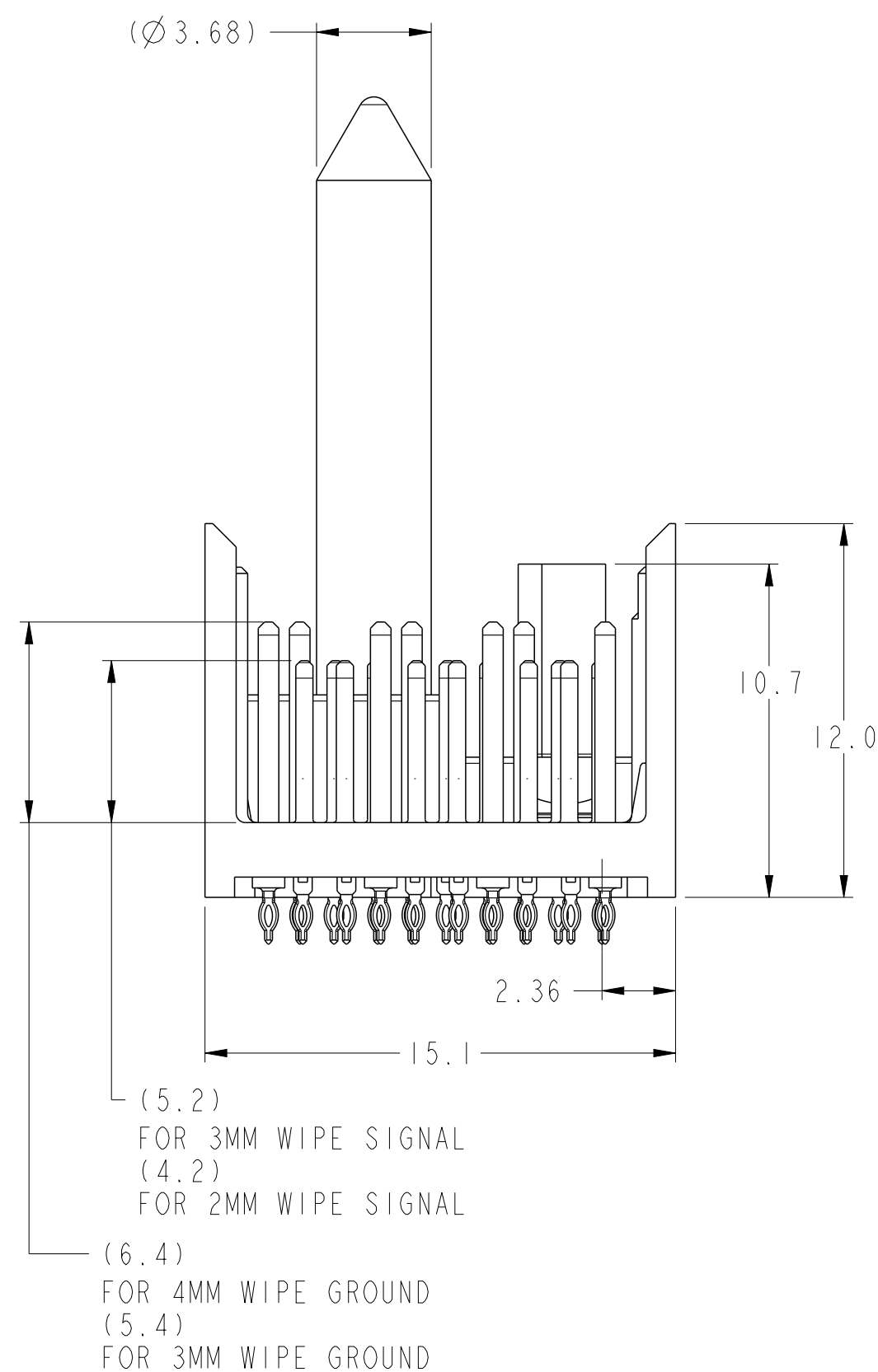
BP HOLE PATTERN COMPONENT SIDE
FOUR WALL MODULE BACKPLANE FOOTPRINT

spec ref		-		dr		Marty Glass		2012/02/10		projection		MM		size		A2		scale		3:1			
tolerance std		ISO 406 ISO 1101		eng		Sandar Soe		2013/03/20						ecn no		ELX-S-14229-1							
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr		-		-		appr						Chen-Hong Tan		2013/04/09		product family		XCEDE HD		rel level	
surface		ISO 1302		linear		0.X		±0.3				title		XCEDE HD VERTICAL HEADER 3 PAIR, 4 COLUMN STITCH HEADER		dwg no		10119126		rev		B	
		0.XX		±0.10																			
		0.XXX		±0.05																			
		angular		0°		±2°		www.fci.com		cat. no.		-		Product- Customer Drw				sheet 5 of 8					



BP HOLE PATTERN COMPONENT SIDE

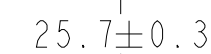
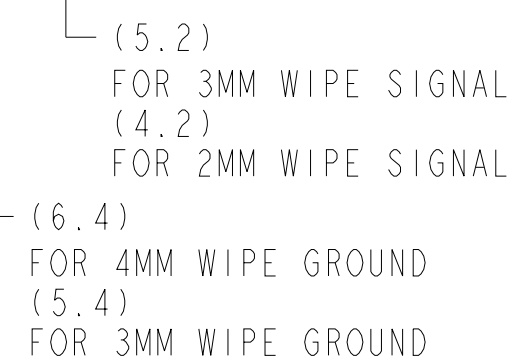
LEFT POLARIZING / GUIDE MODULE BACKPLANE FOOTPRINT

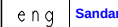


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tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Sander See		2013/03220						ecn no		ELX-S-14229-1							
chr				-		-		rel level								Released							
ISO 406				appr		Chen-Hong Tan		2013/0409								product family		XCEDE HD					
ISO 1101																							
surface				linear				title		XCEDE HD VERTICAL HEADER		dwg no		10119126		rev		B					
																				0.X		±0.3	
																				0.XX		±0.10	
ISO 1302		angular		0°		±2°		www.fci.com		cat. no.		-		Product - Customer Drw		sheet 6 of 8							



RIGHT POLARIZING / GUIDE MODULE BACKPLANE FOOTPRINT



spec ref		-		dr		Marty Glass		2012/02/10		projection				size		A2		scale		5:1	
tolerance std		ISO 406 ISO 1101		eng		Sander Soe		2013/03/20		chr		-		ecn no		ELX-S-14229-1					
		TOLERANCES UNLESS OTHERWISE SPECIFIED		appr		Chen-Hong Tan		2013/04/09		product family		XCEDE HD		rel level		Released					
surface				linear				title		XCEDE HD VERTICAL HEADER		dwg no		10119126		rev		B			
		0.X ±0.3 0.XX ±0.10 0.XXX ±0.05		angular		0° ±2°		www.fci.com		cat. no.		-		Product -		Customer Drw		sheet 7 of 8			

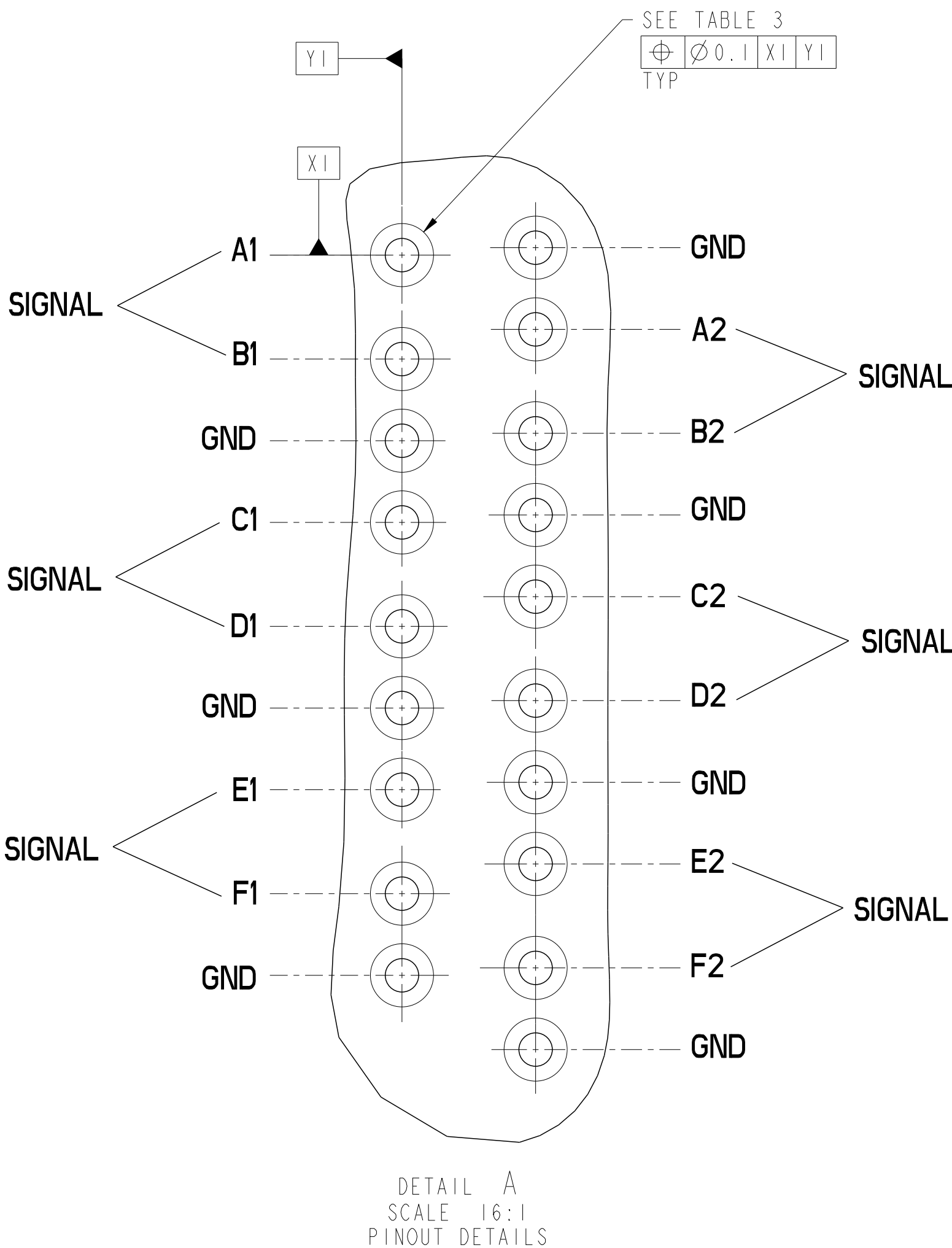


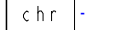
TABLE 3		
	COMPLIANT PIN DRILL $\varnothing 0.55[0.0217"]$	COMPLIANT PIN DRILL $\varnothing 0.45[0.0117"]$
PTH	$\varnothing 0.45 \pm 0.05$	$\varnothing 0.36 \pm 0.05$
DRILL	$\varnothing 0.55[0.0217"]$	$\varnothing 0.45[0.0117"]$
PAD	$\varnothing 0.85$	$\varnothing 0.75$

NOTES:

- CONNECTOR MATERIALS
SHROUD : HIGH-TEMP POLYMER, COLOR : BLACK, UL94V-0
CONTACTS : HIGH PERFORMACE COPPER ALLOY
- PRODUCT SPECIFICATION : GS-12-0936
- APPLICATION SPECIFICATION : GS-20-0348
- PRODUCT MARKING :
PART NUMBER (10119126-X0J-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 $\triangle B$ SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW OR NOTE THAT HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.
- $\triangle B$ (11) OPTIONAL HOLE LOCATION FOR GROUNDED PIN OR ADDITIONAL GUIDE-PIN SUPPORT. SEE TABLE 1 SHEET 1 FOR ADDITIONAL DETAILS.
- $\triangle B$ (12) SCREW IS OPTIONAL AND ENGAGES WITH BOTTOM OF GUIDE PIN FROM BENEATH THE PCB FOR ADDITIONAL GUIDE-PIN SUPPORT.



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spec ref -				dr Marty Glass		2012/02/10		projection		MM		size A2		scale 3:1			
tolerance std				eng Sandar Soe		2013/03/20						ecn no		ELX-S-14229-1			
ISO 406 ISO 1101				chr -		2013/04/09						product family		- rel level		Released	
TOLERANCES UNLESS OTHERWISE SPECIFIED				appr Chen-Hong Tan		2013/04/09											
surface 		linear		0.X		±0.3				title		XCEDE HD VERTICAL HEADER 3 PAIR, 4 COLUMN STITCH HEADER		dwg no 10119126		rev B	
		0.XX		±0.10													
		0.XXX		±0.05													
ISO 1302		angular 0°		±2°		www.fci.com		cat. no. -		Product - Customer Drw		sheet 8 of 8					

Mouser Electronics

Authorized Distributor

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FCI:

<u>10119126-A0J-30DLF</u>	<u>10119126-W0J-70DLF</u>	<u>10119126-Y0J-50DLF</u>	<u>10119126-U0J-20DLF</u>	<u>10119126-00J-50DLF</u>
<u>10119126-V0J-50DLF</u>	<u>10119126-C0J-20DLF</u>	<u>10119126-M0J-20DLF</u>	<u>10119126-T0J-50DLF</u>	<u>10119126-R0J-40DLF</u>
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<u>10119126-D0J-60DLF</u>	<u>10119126-W0J-10DLF</u>	<u>10119126-B0J-40DLF</u>	<u>10119126-S0J-40DLF</u>	<u>10119126-M0J-60DLF</u>
<u>10119126-Q0J-20DLF</u>	<u>10119126-V0J-20DLF</u>	<u>10119126-S0J-80DLF</u>	<u>10119126-F0J-60DLF</u>	<u>10119126-E0J-20DLF</u>
<u>10119126-U0J-80DLF</u>	<u>10119126-W0J-30DLF</u>	<u>10119126-B0J-80DLF</u>	<u>10119126-U0J-10DLF</u>	<u>10119126-S0J-50DLF</u>
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<u>10119126-B0J-30DLF</u>	<u>10119126-P0J-20DLF</u>	<u>10119126-A0J-50DLF</u>	<u>10119126-H0J-70DLF</u>	<u>10119126-Q0J-10DLF</u>
<u>10119126-Y0J-30DLF</u>	<u>10119126-P0J-50DLF</u>	<u>10119126-D0J-10DLF</u>	<u>10119126-V0J-70DLF</u>	<u>10119126-S0J-10DLF</u>
<u>10119126-L0J-60DLF</u>	<u>10119126-H0J-80DLF</u>	<u>10119126-V0J-10DLF</u>	<u>10119126-10J-20DLF</u>	<u>10119126-L0J-80DLF</u>
<u>10119126-L0J-10DLF</u>	<u>10119126-V0J-60DLF</u>	<u>10119126-P0J-70DLF</u>	<u>10119126-00J-40DLF</u>	<u>10119126-C0J-10DLF</u>
<u>10119126-R0J-30DLF</u>	<u>10119126-W0J-40DLF</u>	<u>10119126-M0J-50DLF</u>	<u>10119126-R0J-70DLF</u>	<u>10119126-Q0J-30DLF</u>
<u>10119126-C0J-70DLF</u>	<u>10119126-E0J-60DLF</u>	<u>10119126-V0J-40DLF</u>	<u>10119126-G0J-40DLF</u>	<u>10119126-J0J-40DLF</u>