

1 0 | 3 0 | 0 4 - X 0 E - X X X L F

8-COLUMN
DIFFERENTIAL
SIGNAL

LEAD-FREE DESIGNATION
ONLY WITH APPLICABLE
PLATING CODES

LETTER	PERFORMANCE-BASED PLATING (SEE NOTE 2)	
	TARGET APPLICATION	LEAD FREE (LF)
K	TELCORDIA CO	NO
M	TELCORDIA CO	YES

NUMBER	GUIDE PIN STYLE (SEE NOTE 8)	NOT TOOLED
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)										

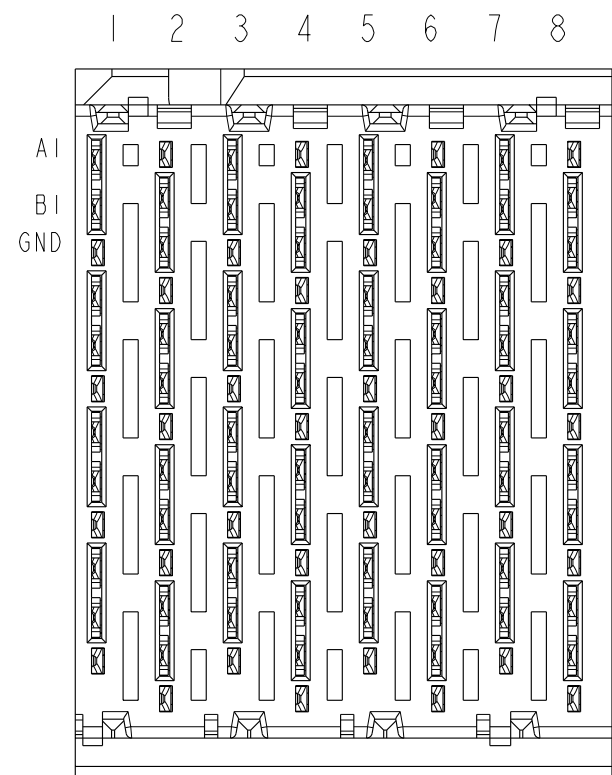
NUMBER	CONTACT MATING WIPE LENGTH		COMPLIANT TAIL TYPE (SEE NOTE 9)
	SIGNAL	GROUND	
1	2 MM	4 MM	0.55 (0.0217") DRILL
2	3 MM	4 MM	0.55 (0.0217") DRILL
3	2 MM	4 MM	0.45 MICRO (0.0177") DRILL
4	3 MM	4 MM	0.45 MICRO (0.0177") DRILL
5	2 MM	3 MM	0.55 (0.0217") DRILL
6	3 MM	3 MM	0.55 (0.0217") DRILL
7	2 MM	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 10130104-XXXX, WHERE: "X" DENOTES MODULE TYPE PER CHART ON THIS SHEET "YYYY" IS A SEQUENTIAL NUMBER BEGINNING WITH "0001".			

TABLE 1 (SEE NOTE 11)		
	UNGROUNDED	GROUNDED
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

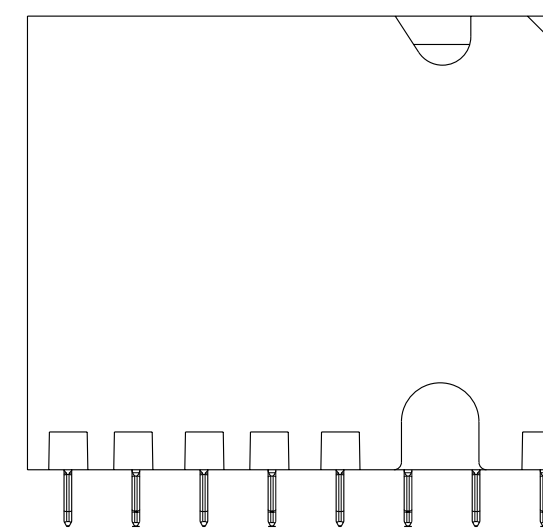
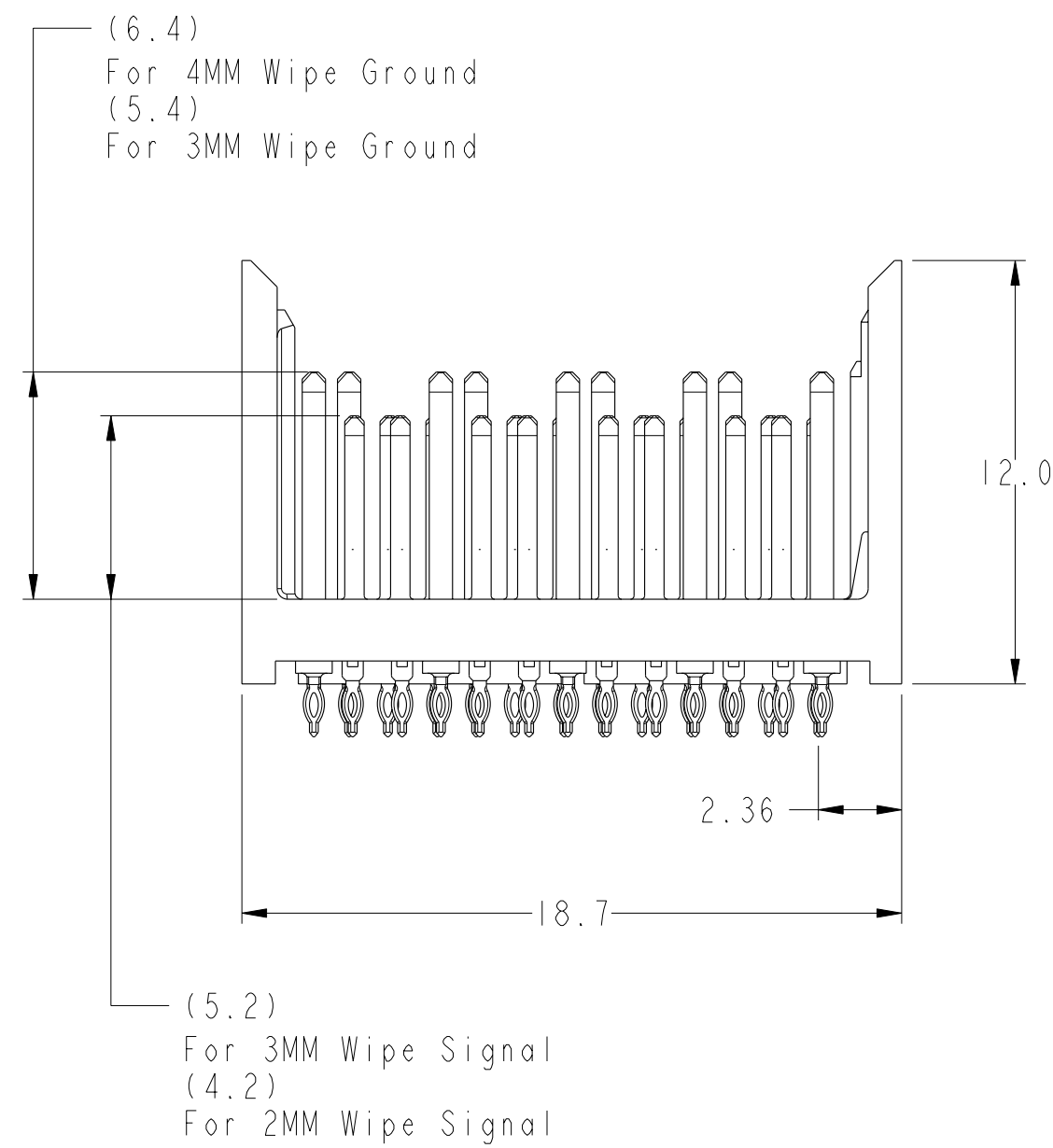
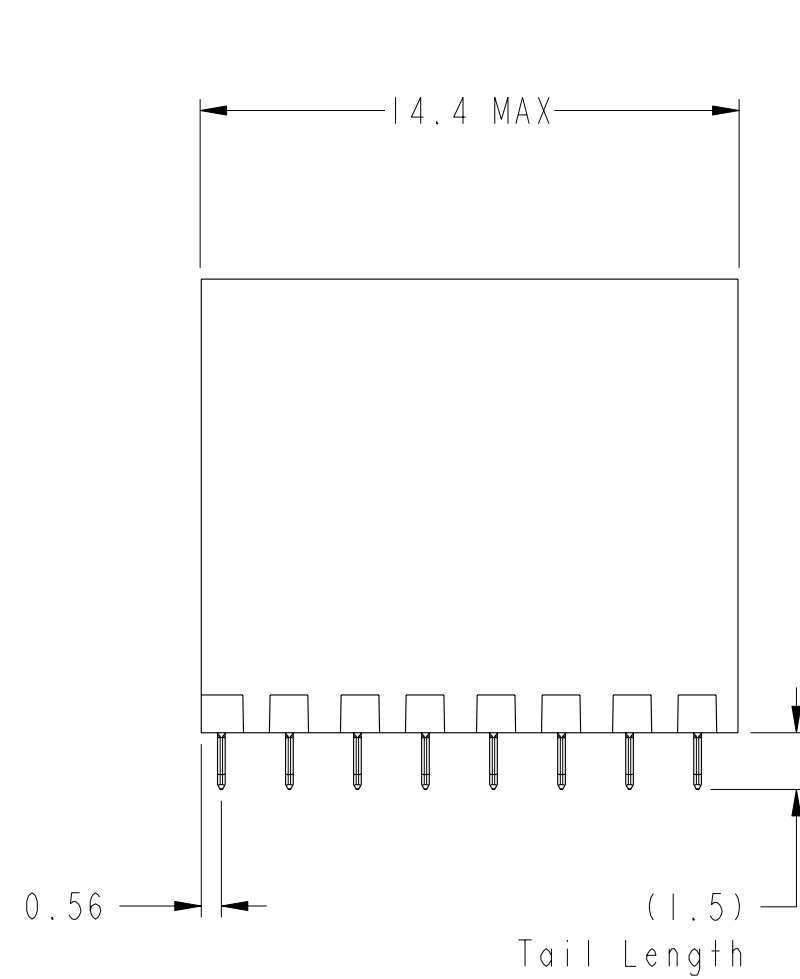
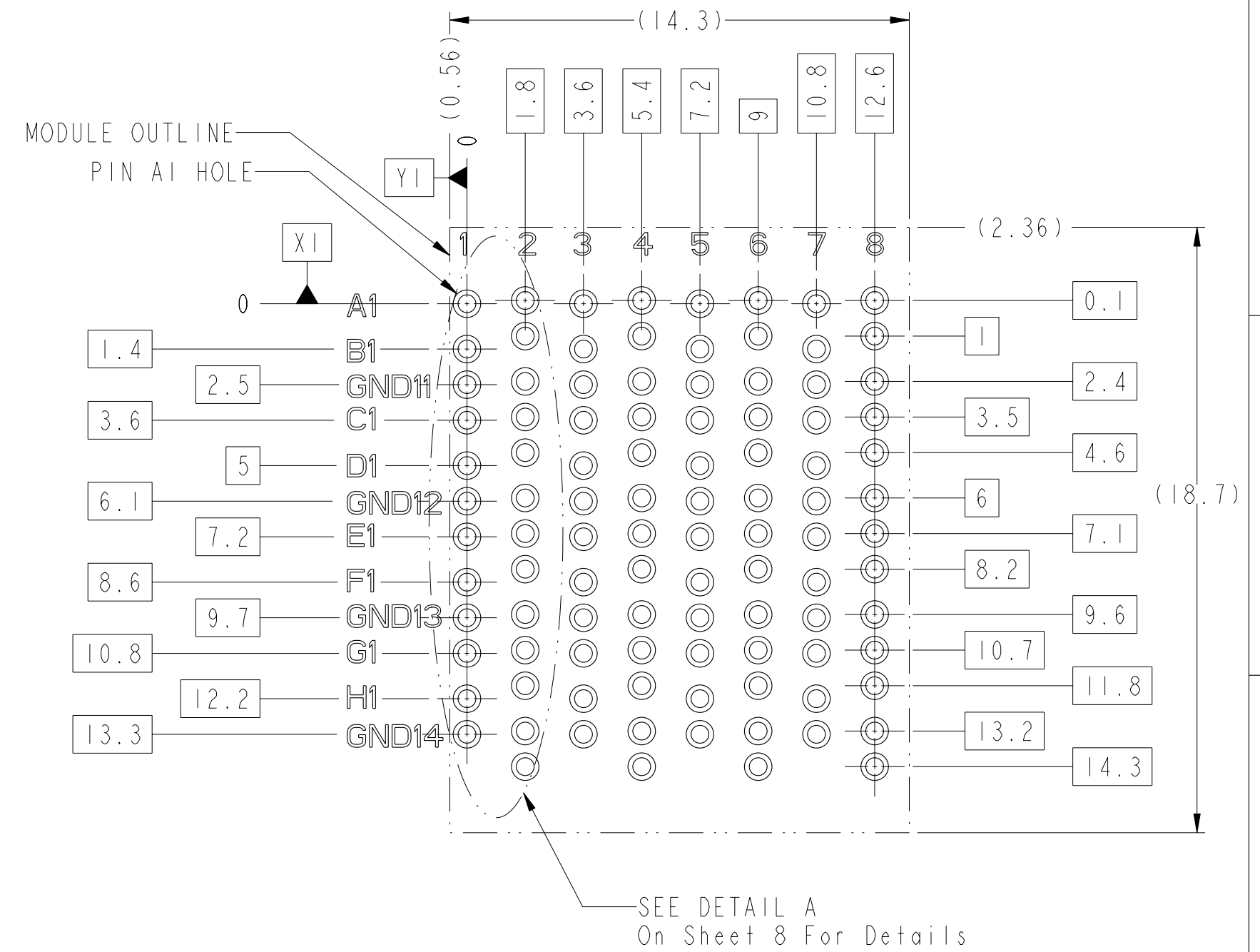
spec ref -			
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED	
ISO 406			
ISO 1101			
surface 		linear	0.X ±0.3
			0.XX ±0.10
			0.XXX ±0.05
		ISO 1302	
		angular	0° ±2°

dr	Sander Soe	2014/05/16	projection	mm	size	A2	scale	1:1
eng	Sander Soe	2015/10/30			ecn no	ELX-S-18192-1		
chr	-	-				rel level		
appr	Chen-Hong Tan	2015/11/02	product family		-			
FCI			title		MODULE ASSEMBLY, XCEDE HD		rev	
			Veritcal Header, 4 Pair 8 Column		dwg no		10130104	
www.fci.com			cat. no.		-		Product - Customer Drw	
							sheet 1 of 8	
							B	



SEE NOTE 5

PIN A1

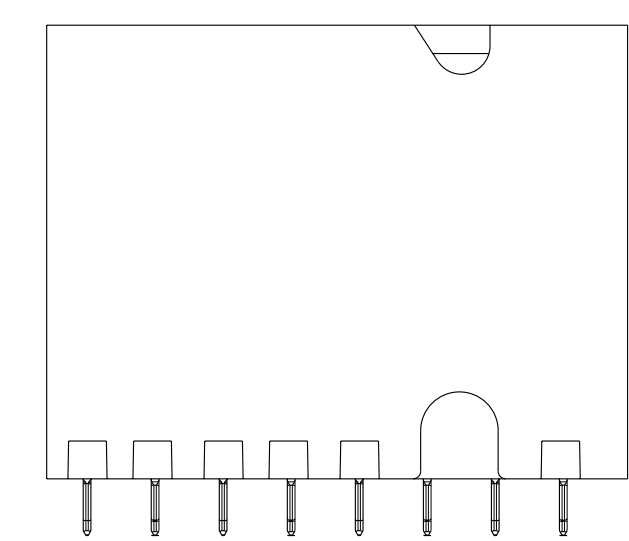
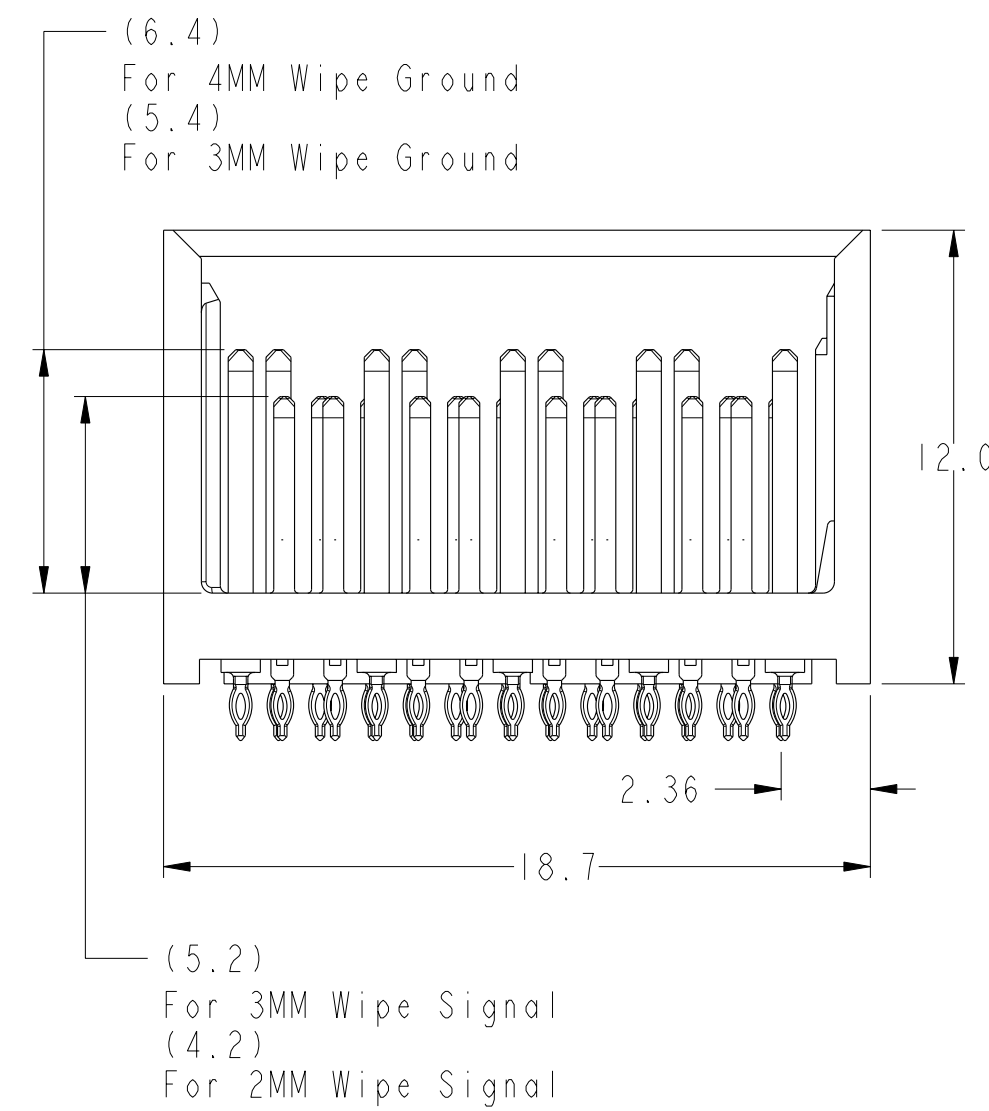
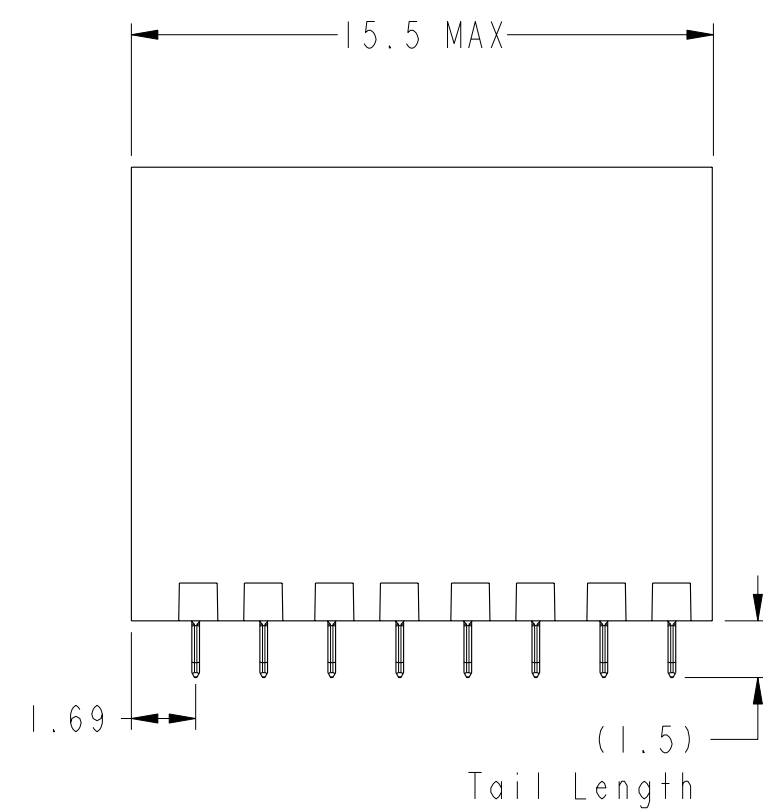
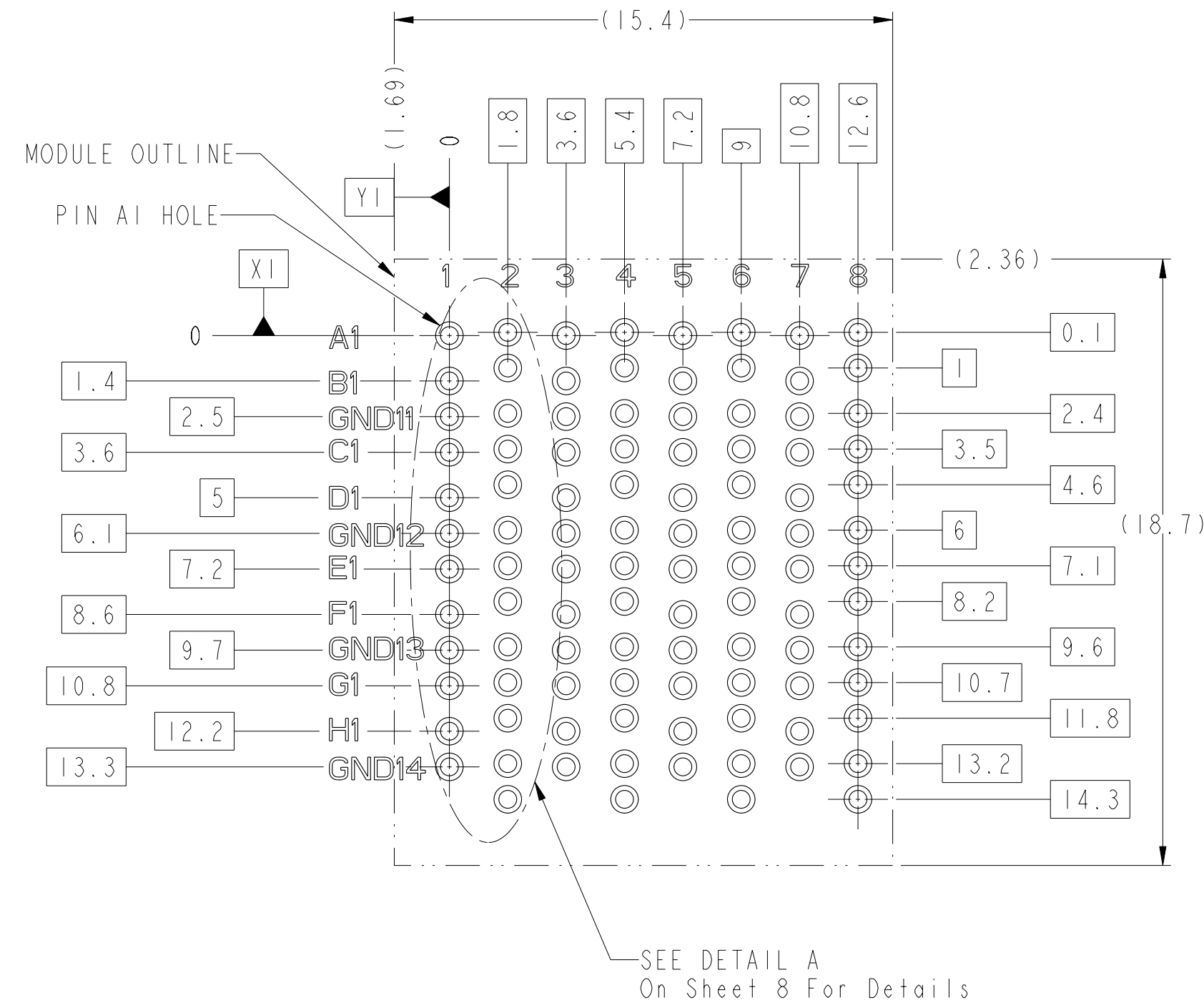
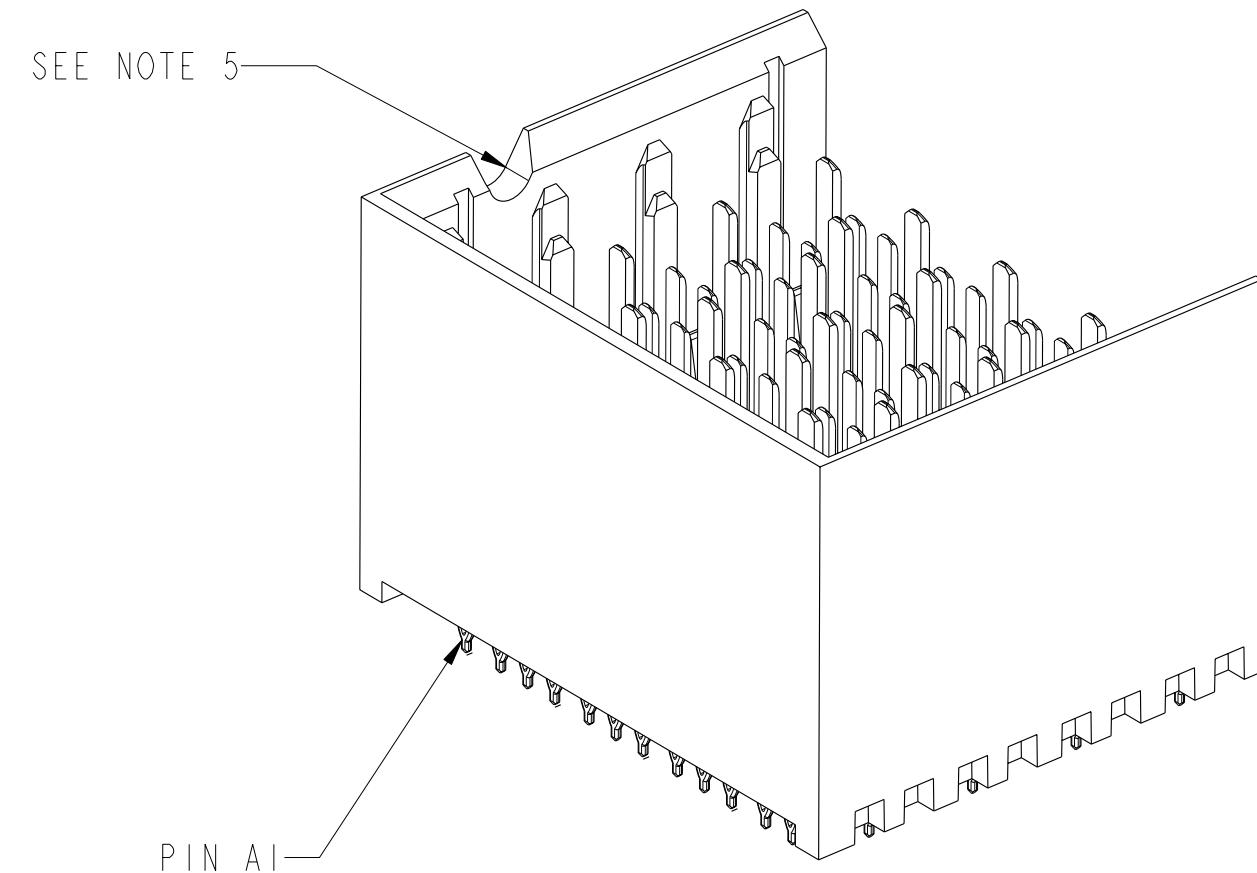
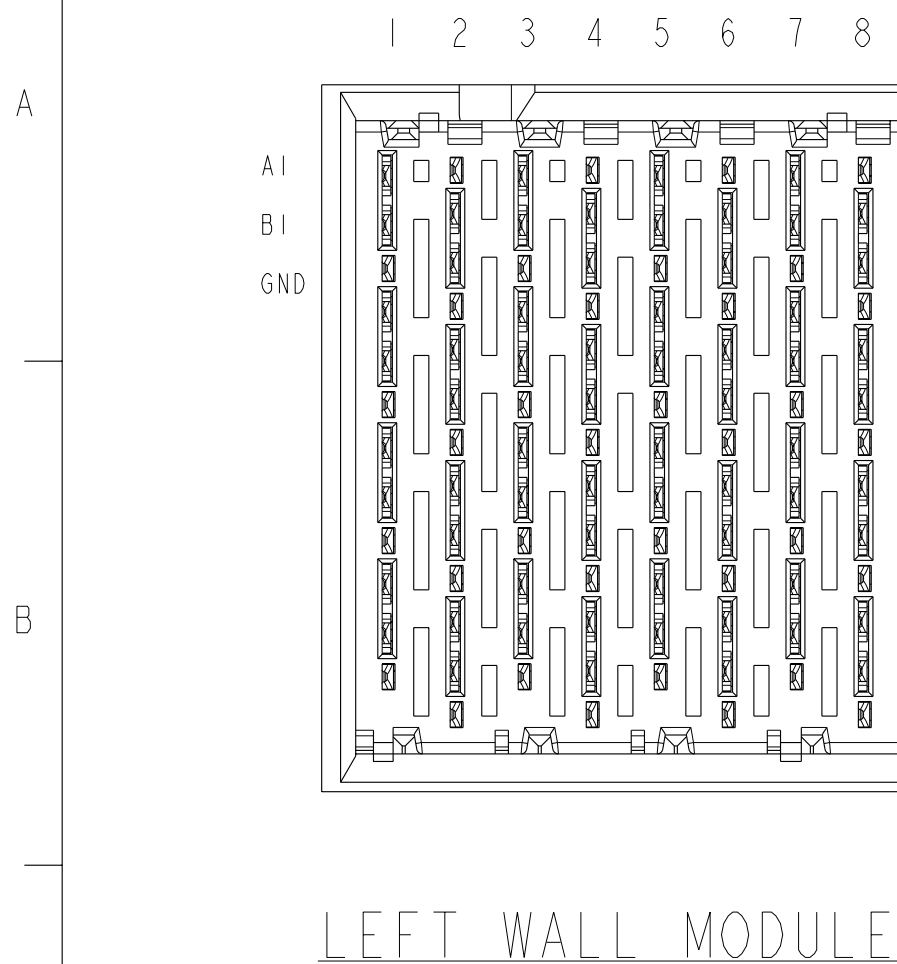


spec ref	-	dr	Sander Soe	2014/05/16	projection	mm	size	A2	scale	1:1
tolerance std	ISO 406 ISO 1101	eng	Sander Soe	2015/10/30	chr	-	ecn no	ELX-S-18192-1	rel level	Released
surface	ISO 1302	appr	Chen-Hong Tan	2015/11/02	product family	-	cat. no.	Product - Customer Drw	sheet 2 of 8	rev
linear	0.X ±0.3 0.XX ±0.10 0.XXX ±0.05	angular	0° ±2°	www.fci.com	MODULE ASSEMBLY, XCEDE HD Vertical Header, 4 Pair 8 Column	10130104	B			

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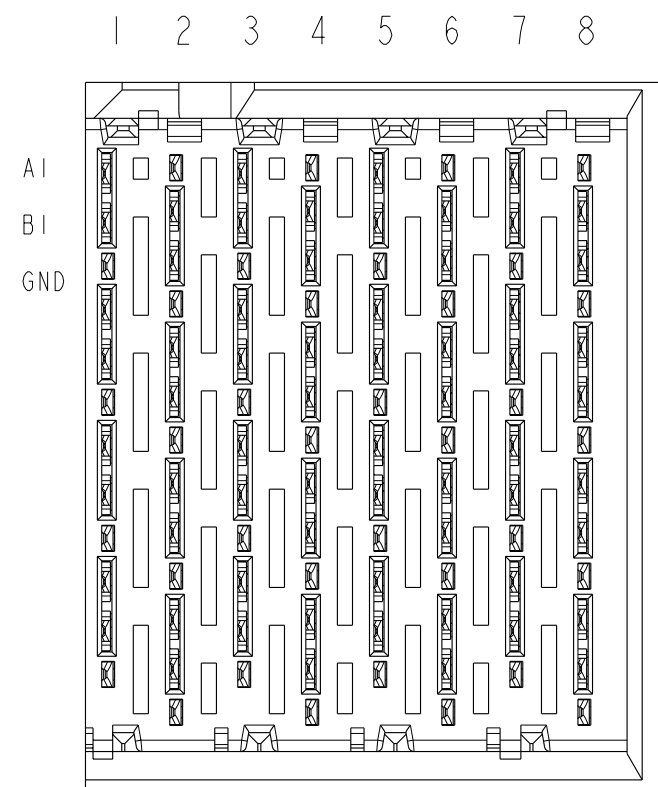
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Printed: Nov 03, 2015

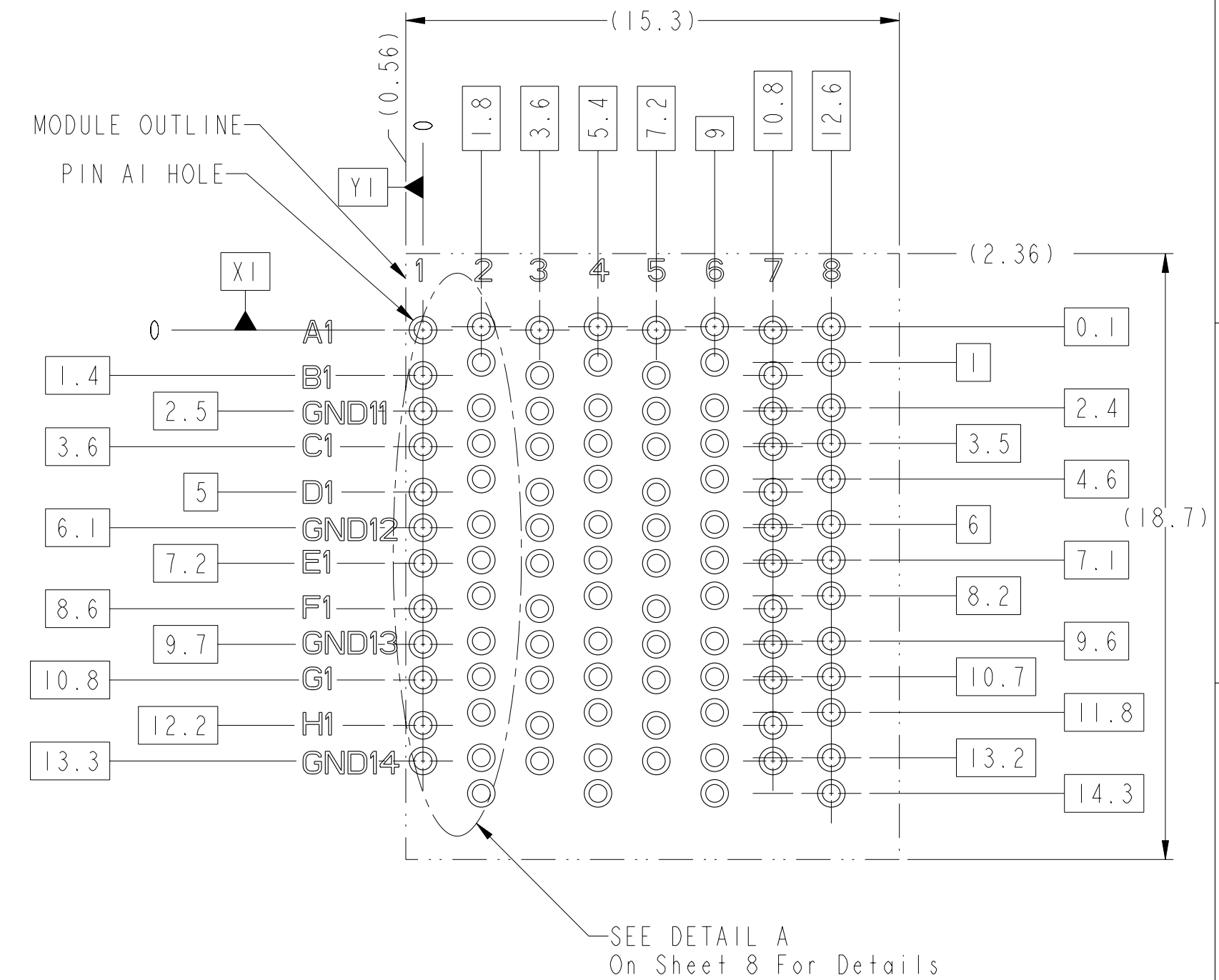
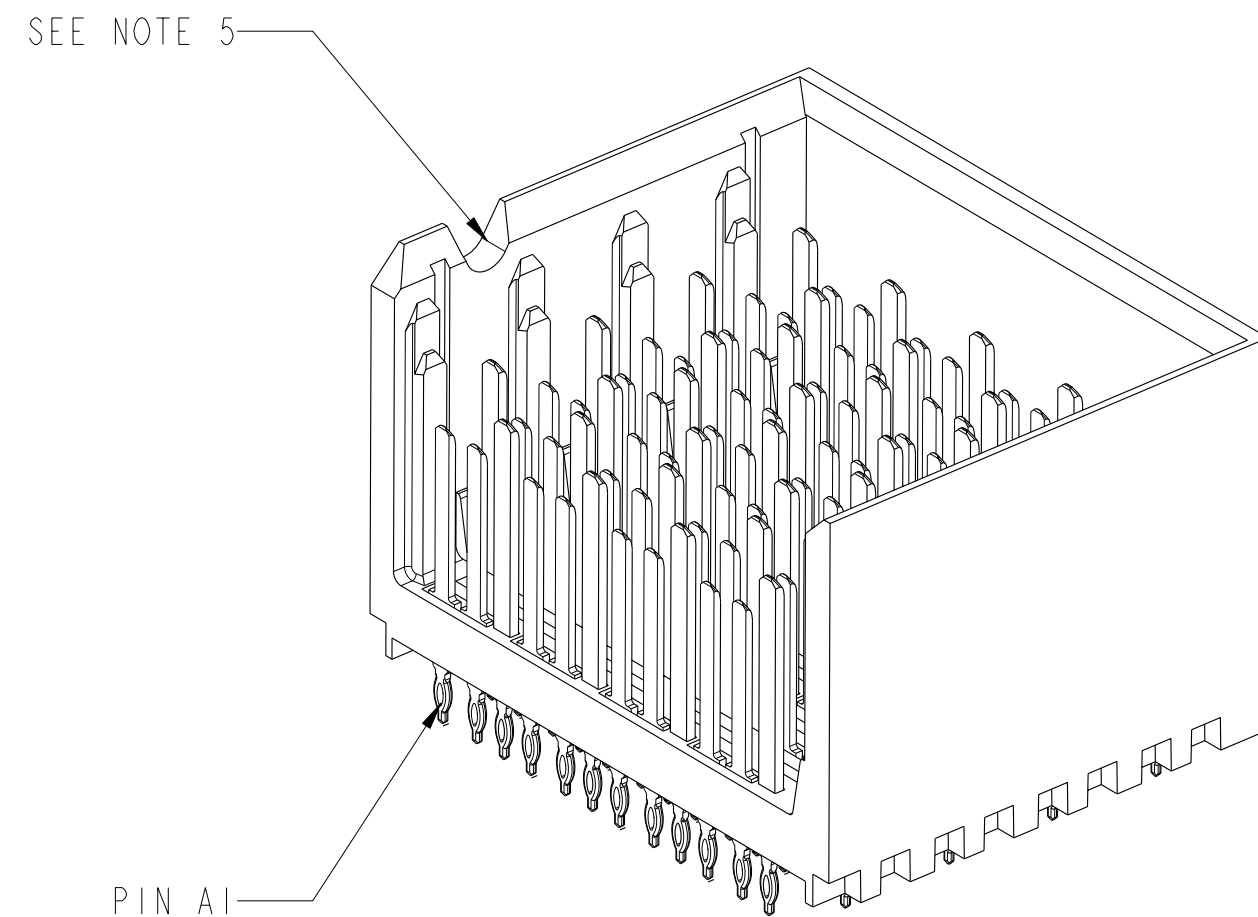


BP HOLE PATTERN COMPONENT SIDE
LEFT WALL MODULE BACKPLANE FOOTPRINT

spec ref	-	dr	Sander Soe	2014/05/16	projection	mm	size	A2	scale	1:1
tolerance std	ISO 406 ISO 1101	eng	Sander Soe	2015/10/30	chr	-	ecn no	ELX-S-18192-1	rel level	Released
surface	ISO 1302	appr	Chen-Hong Tan	2015/11/02	product family	-	cat. no.	-	Product - Customer Drw	sheet 3 of 8
linear	0.X ±0.3 0.XX ±0.10 0.XXX ±0.05	angular	0° ±2°	www.fci.com	cat. no.	-	Product - Customer Drw	sheet 3 of 8	rev	B

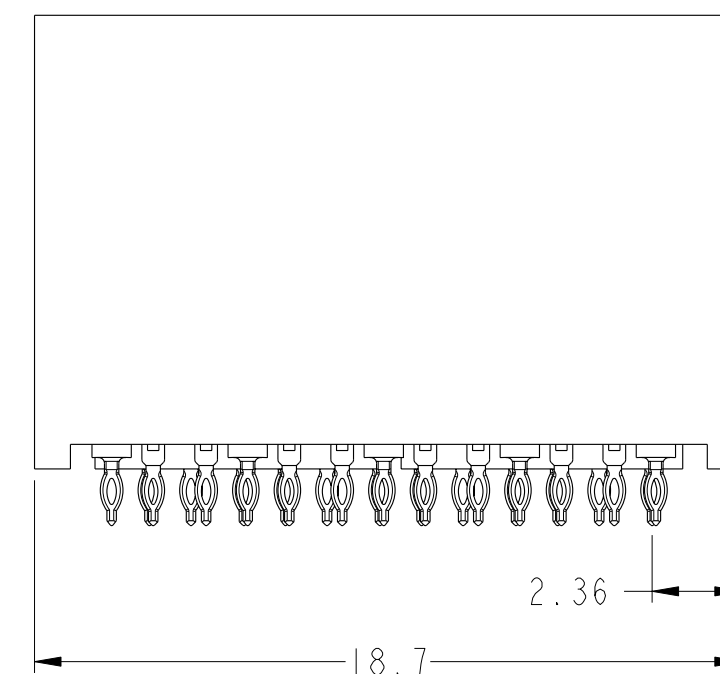
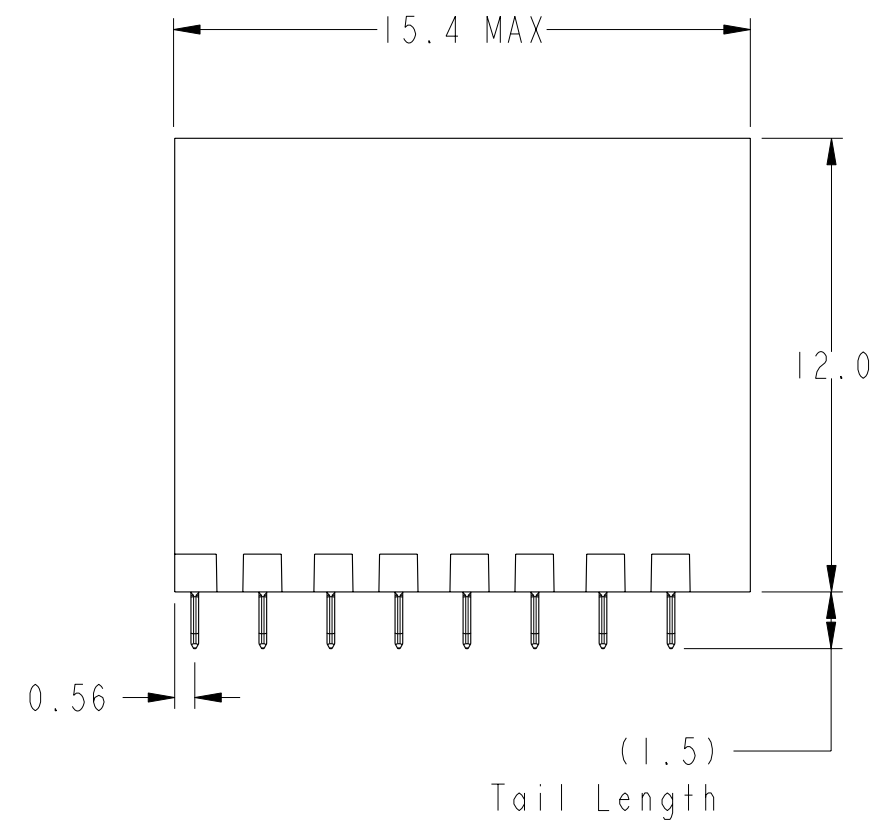
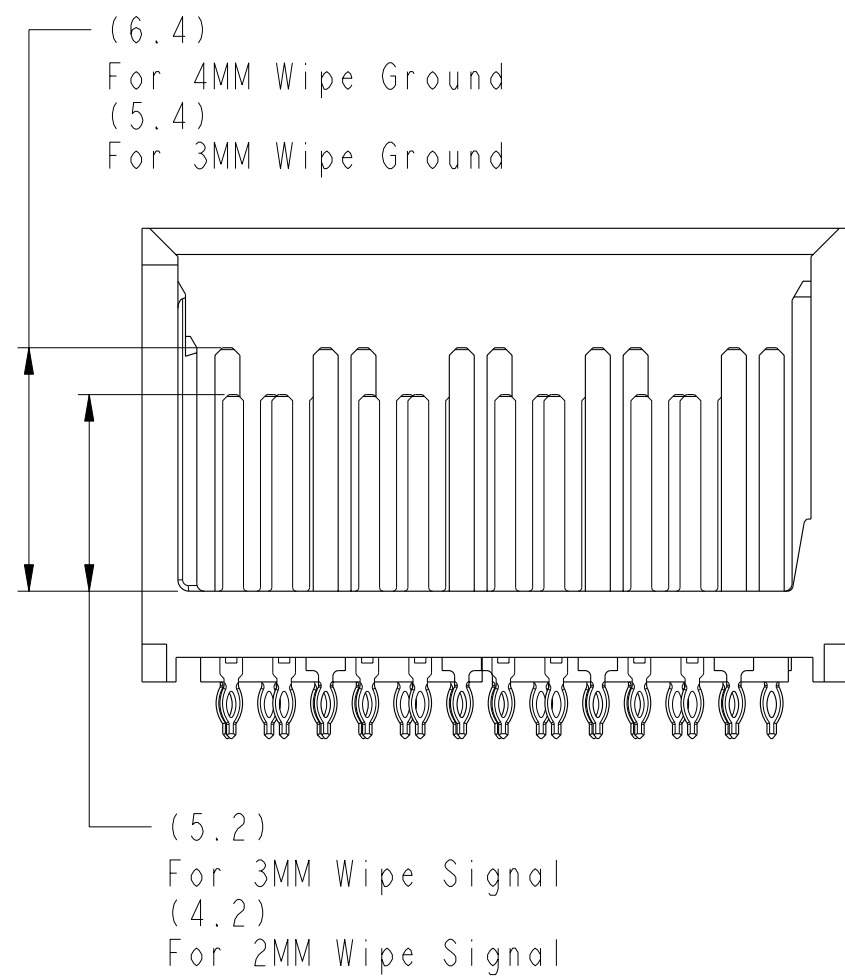


RIGHT WALL MODULE

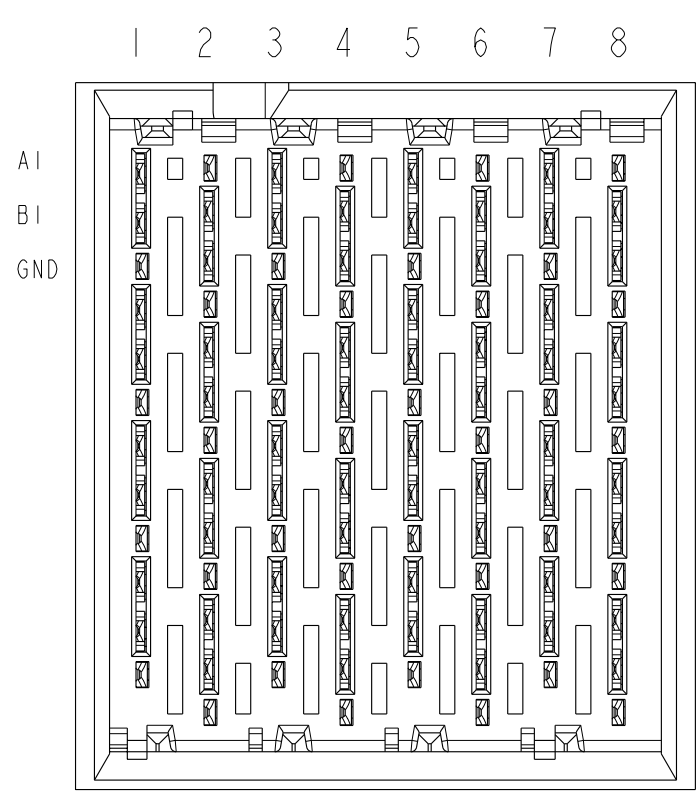


BP HOLE PATTERN COMPONENT SIDE

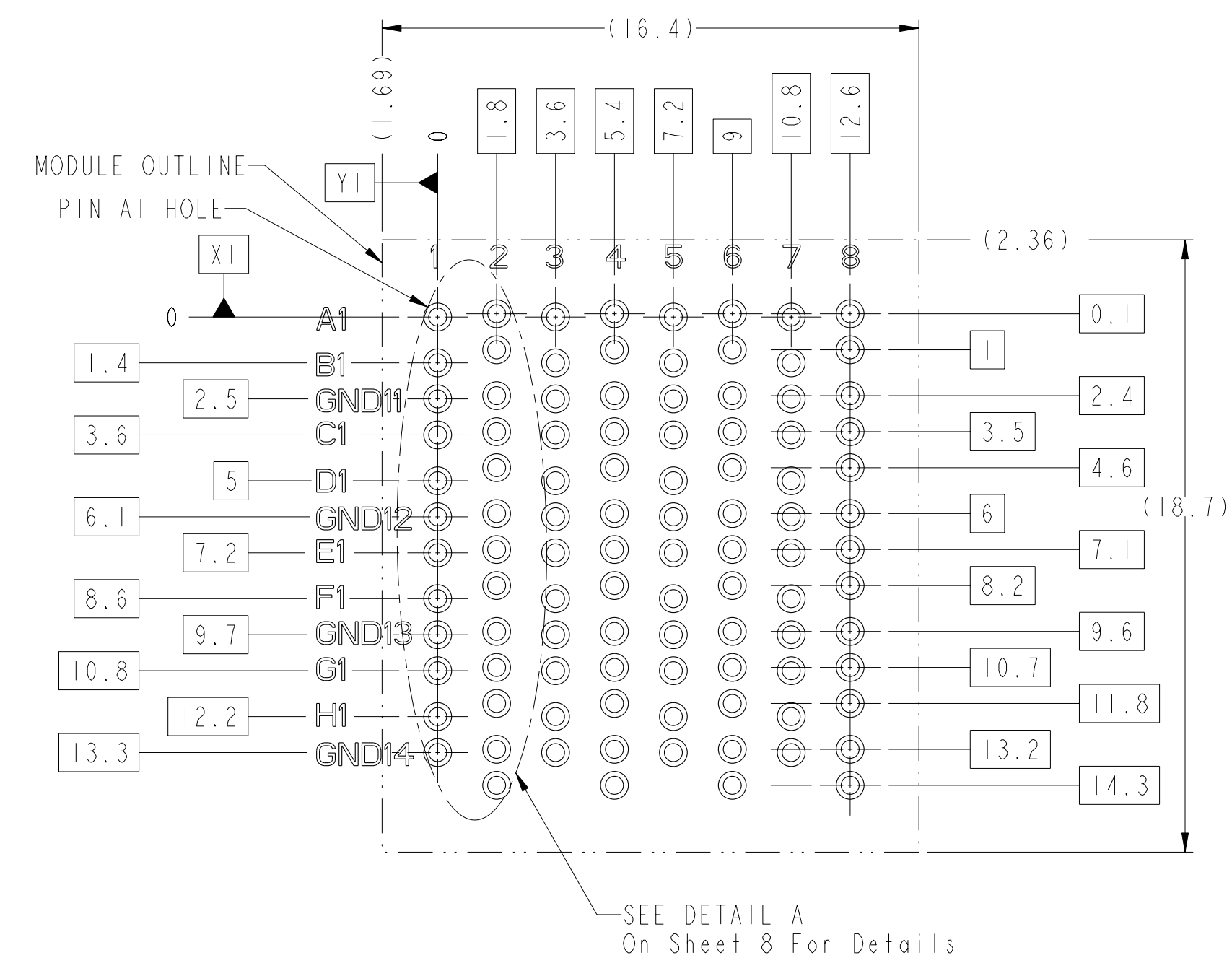
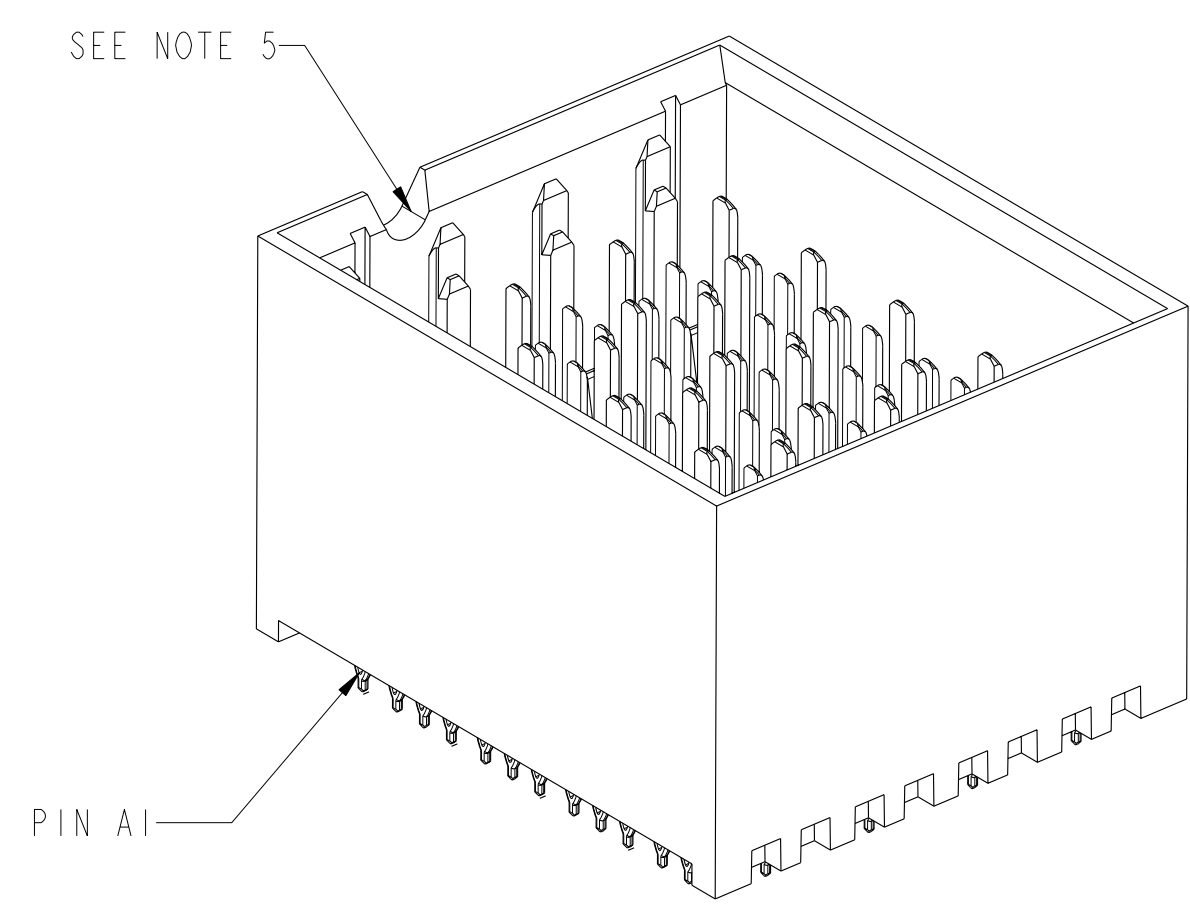
RIGHT WALL MODULE BACKPLANE FOOTPRINT



spec ref		-		dr		Sander Soe		2014/05/16		projection		mm		size		A2		scale		1:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Sander Soe		2015/10/30						ecn no		ELX-S-18192-1					
ISO 406				chr		-		-													
ISO 1101				appr		Chen-Hong Tan		2015/11/02		product family		-		rel level		Released					
surface 		linear		0.X		±0.3				title		MODULE ASSEMBLY, XCEDE HD		dwg no		10130104		rev		B	
		0.XX		±0.10																	
		0.XXX		±0.05																	
ISO 1302		angular		0°		±2°		www.fci.com		cat. no.		-		Product - Customer Drw		sheet 4 of 8					

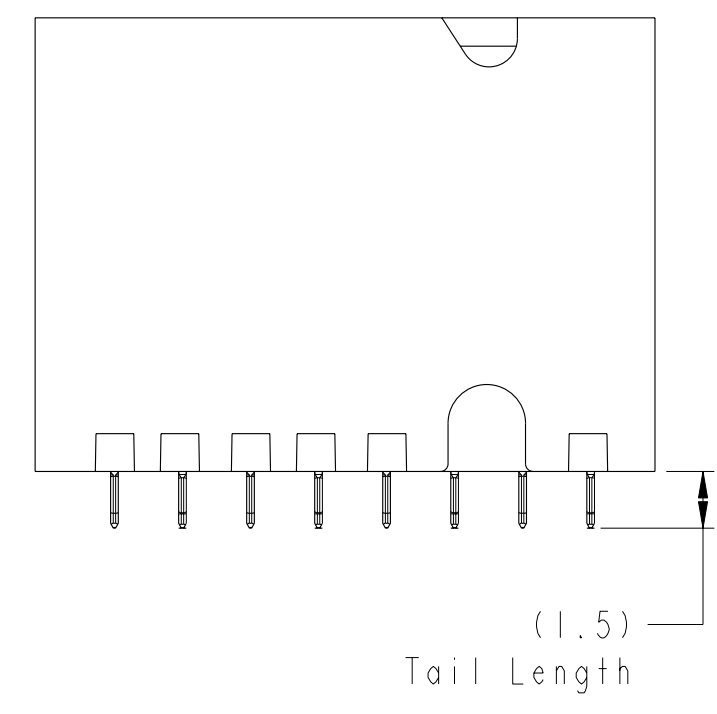
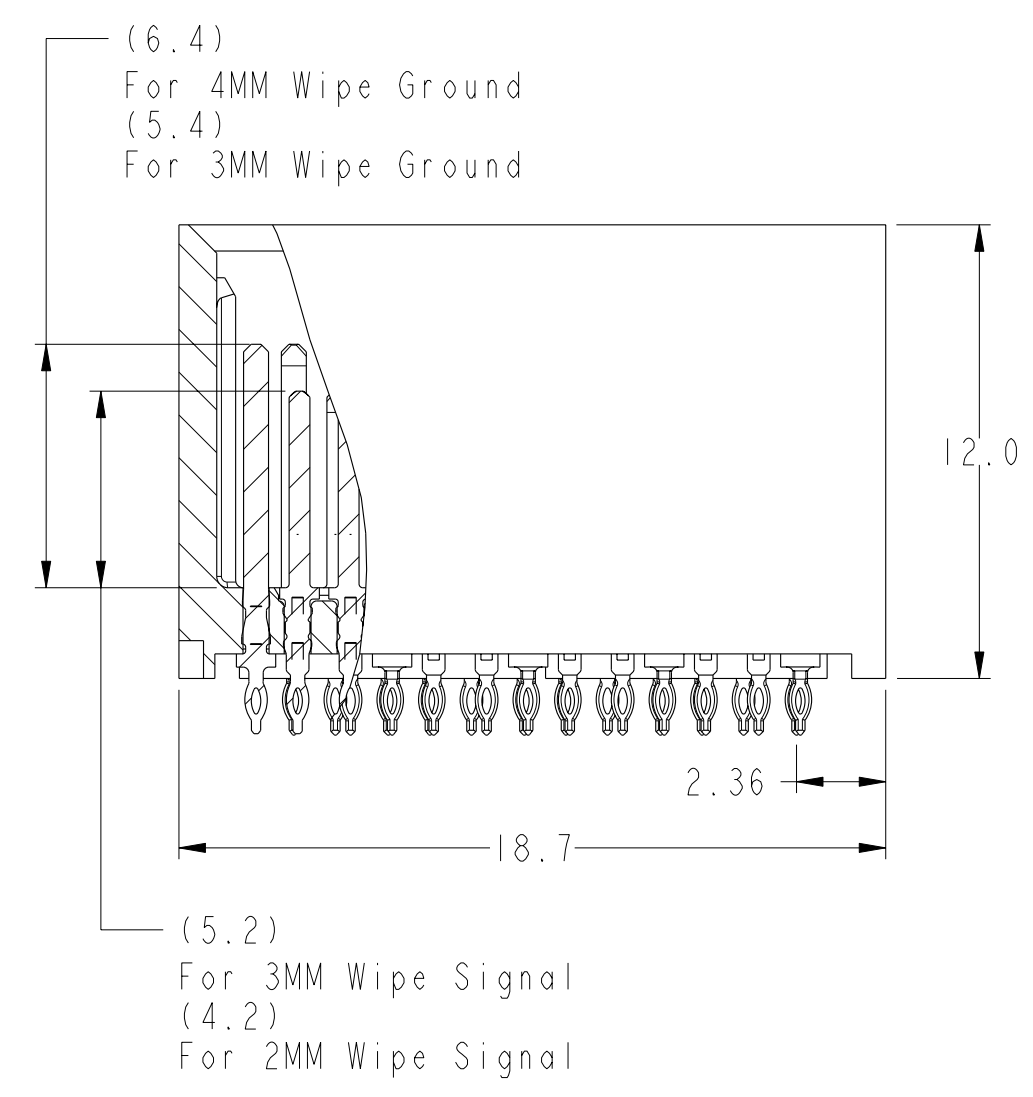
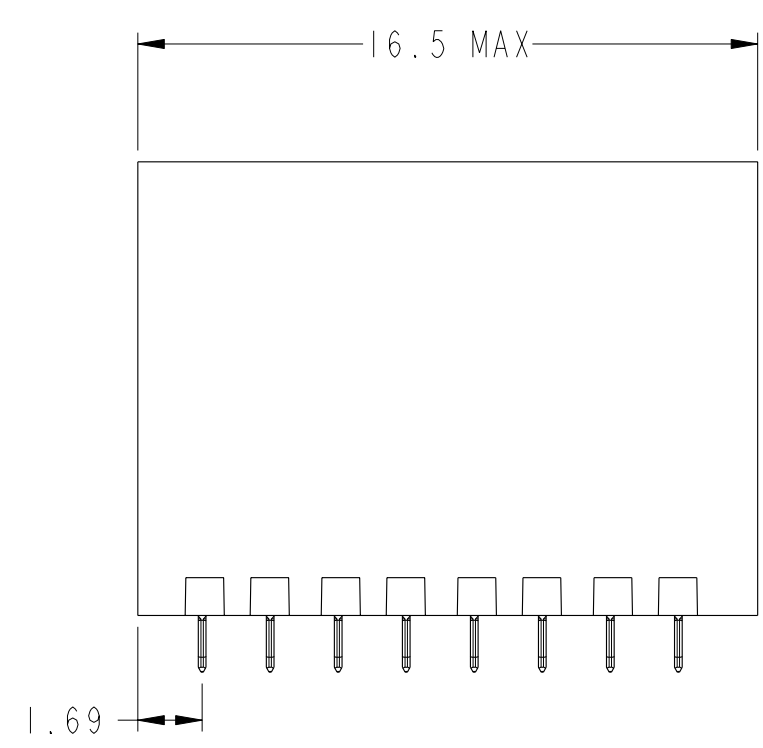


FOUR WALL MODULE



BP HOLE PATTERN COMPONENT SIDE

FOUR WALL MODULE BACKPLANE FOOTPRINT



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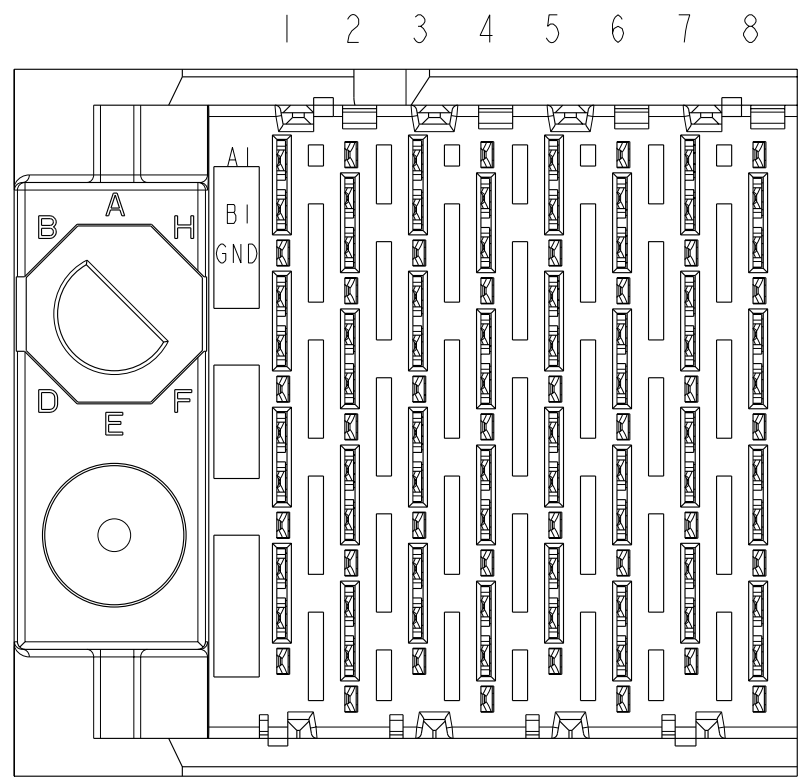
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tolerance std	ISO 406 ISO 1101	eng	Sander Soe	2015/10/30	chr	-	ecn no	ELX-S-18192-1	rel level	Released
surface	ISO 1302	appr	Chen-Hong Tan	2015/11/02	product family	-	cat. no.	-	Product - Customer Drw	sheet 5 of 8
linear	0.X 0.XX 0.XXX	±0.3 ±0.10 ±0.05	FCI	MODULE ASSEMBLY, XCEDE HD	dwg no	10130104	rev	B		
angular	0°	±2°	www.fci.com	Veritcal Header, 4 Pair 8 Column						

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STATUS:Released

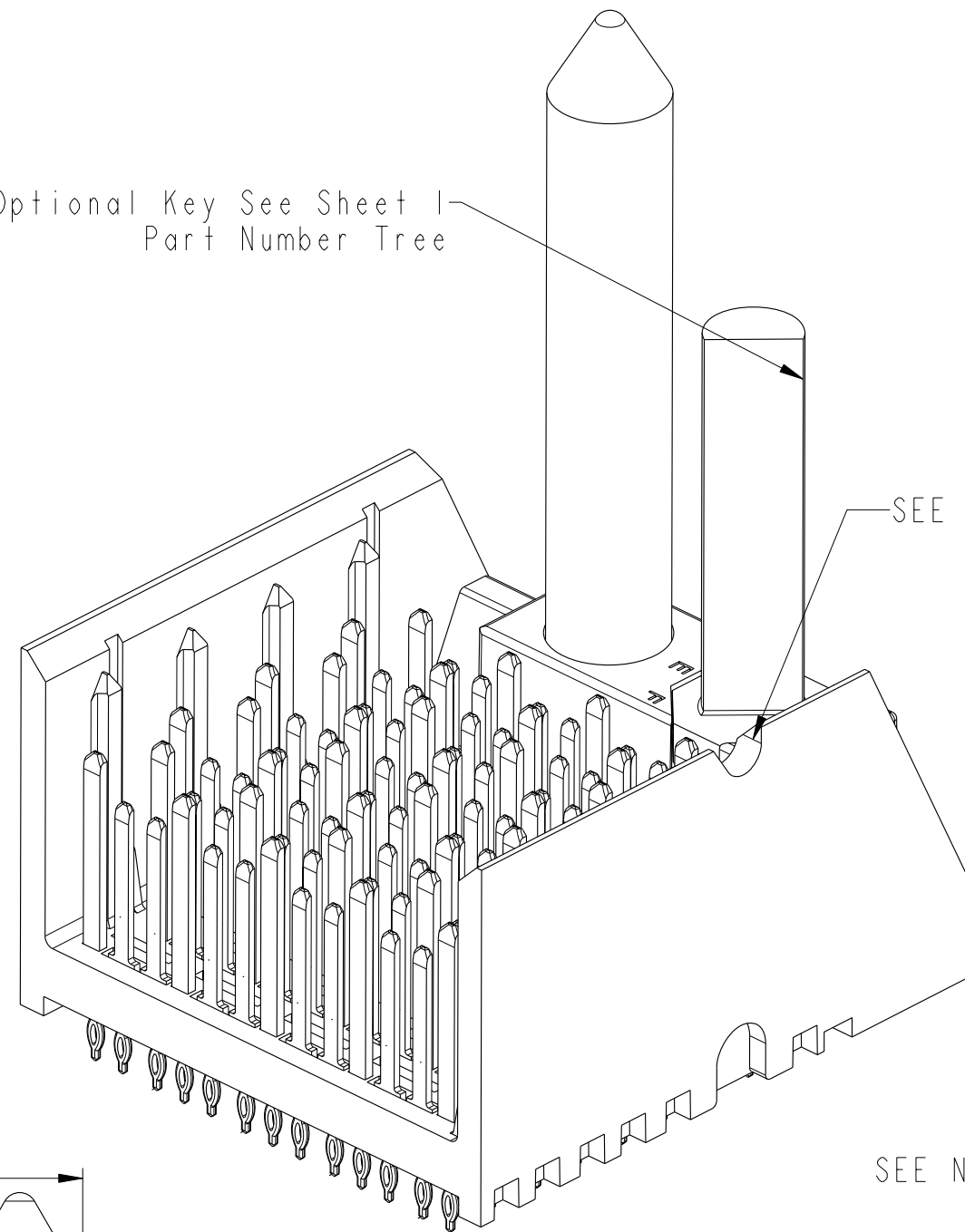
Printed: Nov 03, 2015

A
B
C
D
E
F



LEFT POLARIZING/GUIDE MODULE

Optional Key See Sheet 1
Part Number Tree

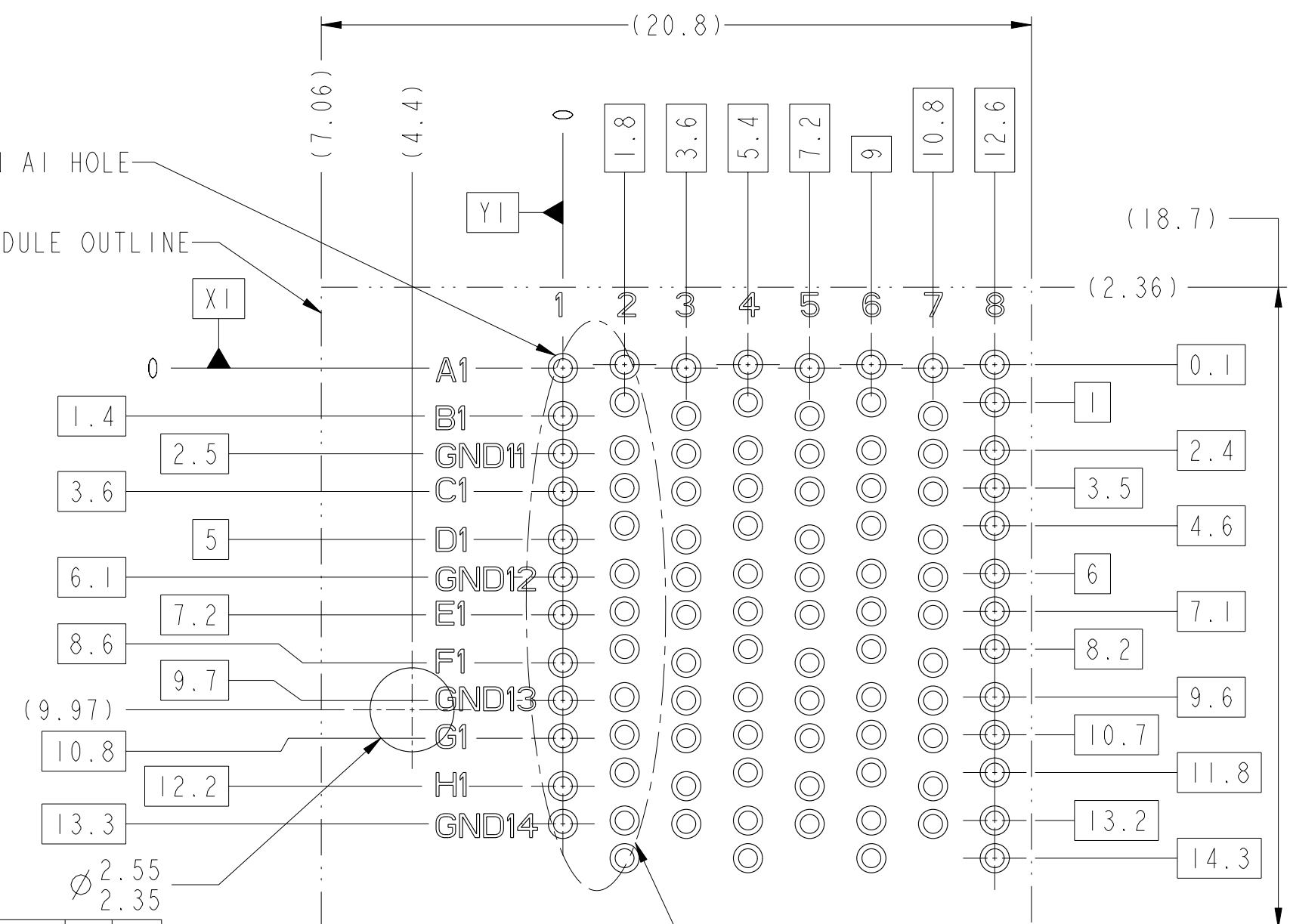


SEE NOTE 5

SEE NOTE 11 & TABLE 1

PIN A1 HOLE

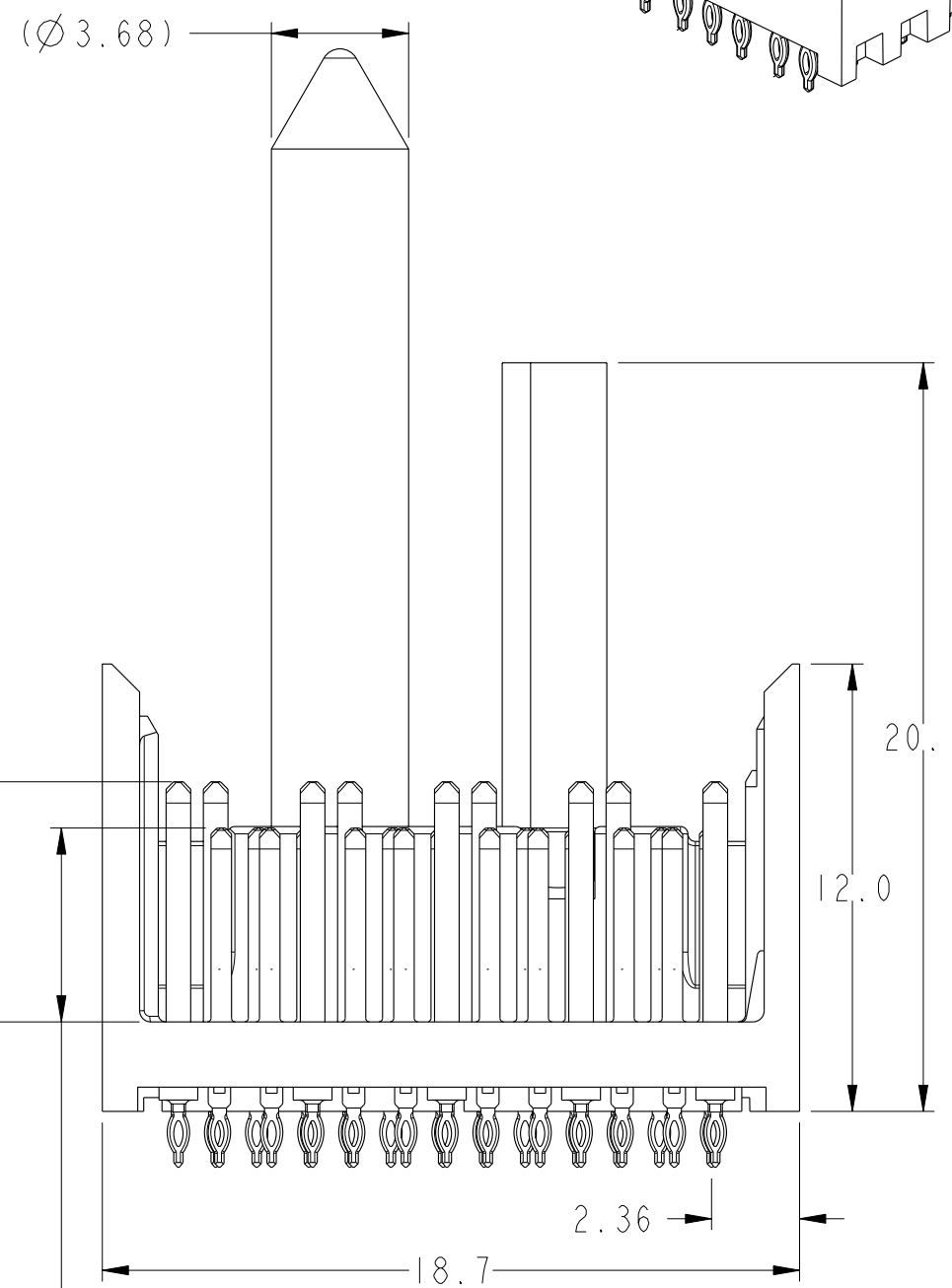
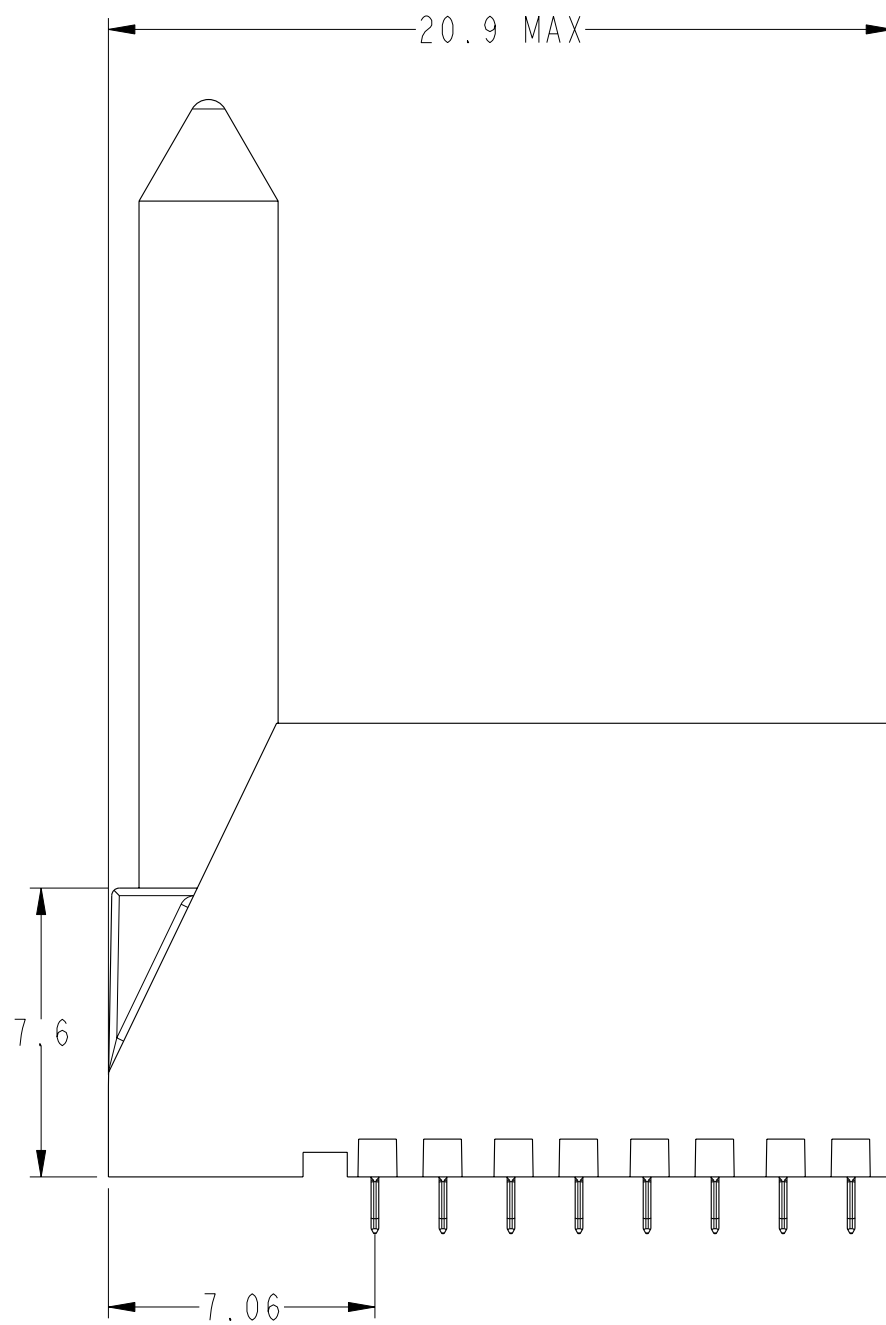
MODULE OUTLINE



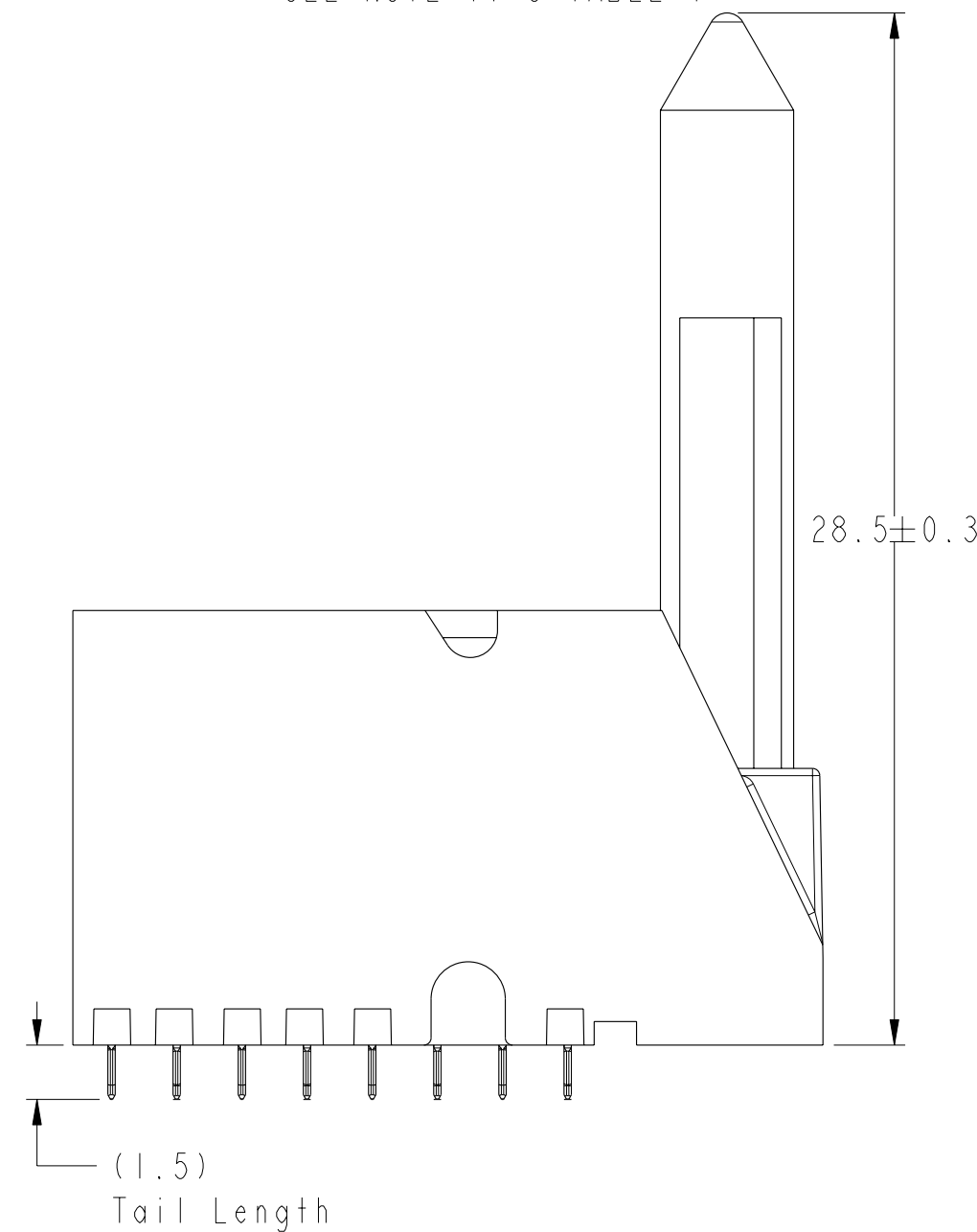
SEE DETAIL A
OnSheet 8 For Details

BP HOLE PATTERN COMPONENT SIDE

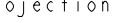
LEFT POLARIZING GUIDE MODULE
BACKPLANE FOOTPRINT



(5.2)
For 3MM Wipe Signal
(4.2)
For 2MM Wipe Signal
(6.4)
For 4MM Wipe Ground
(5.4)
For 3MM Wipe Ground



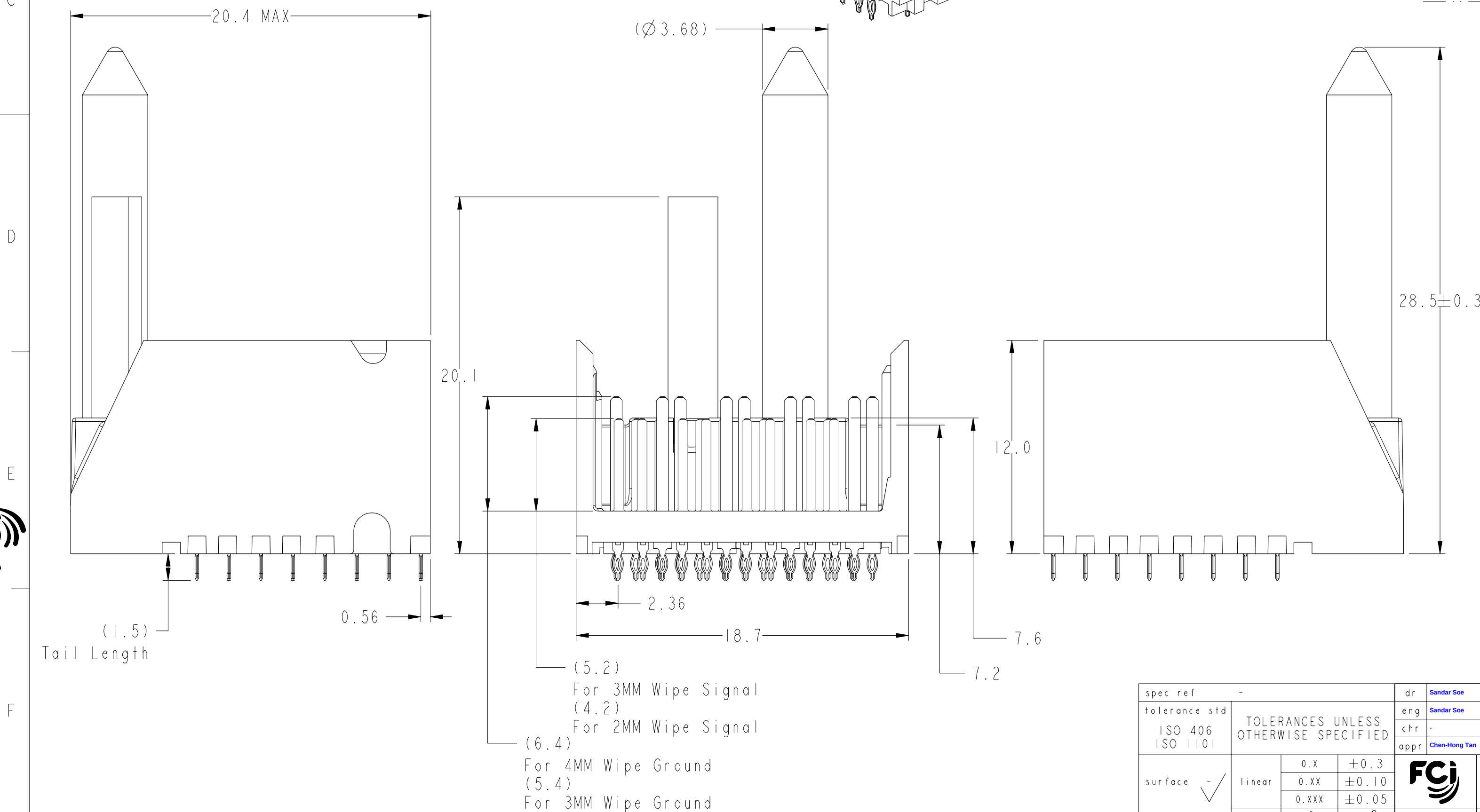
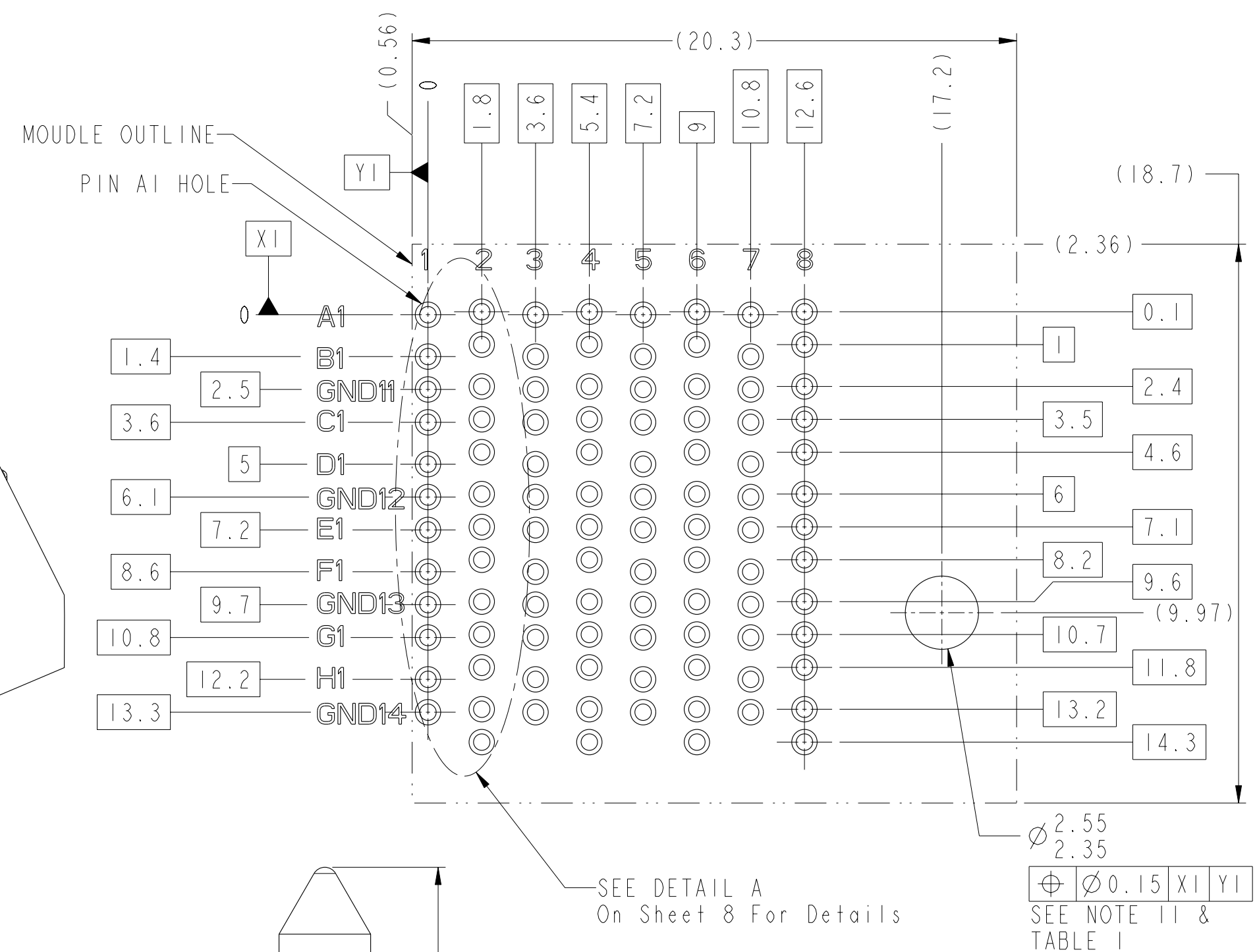
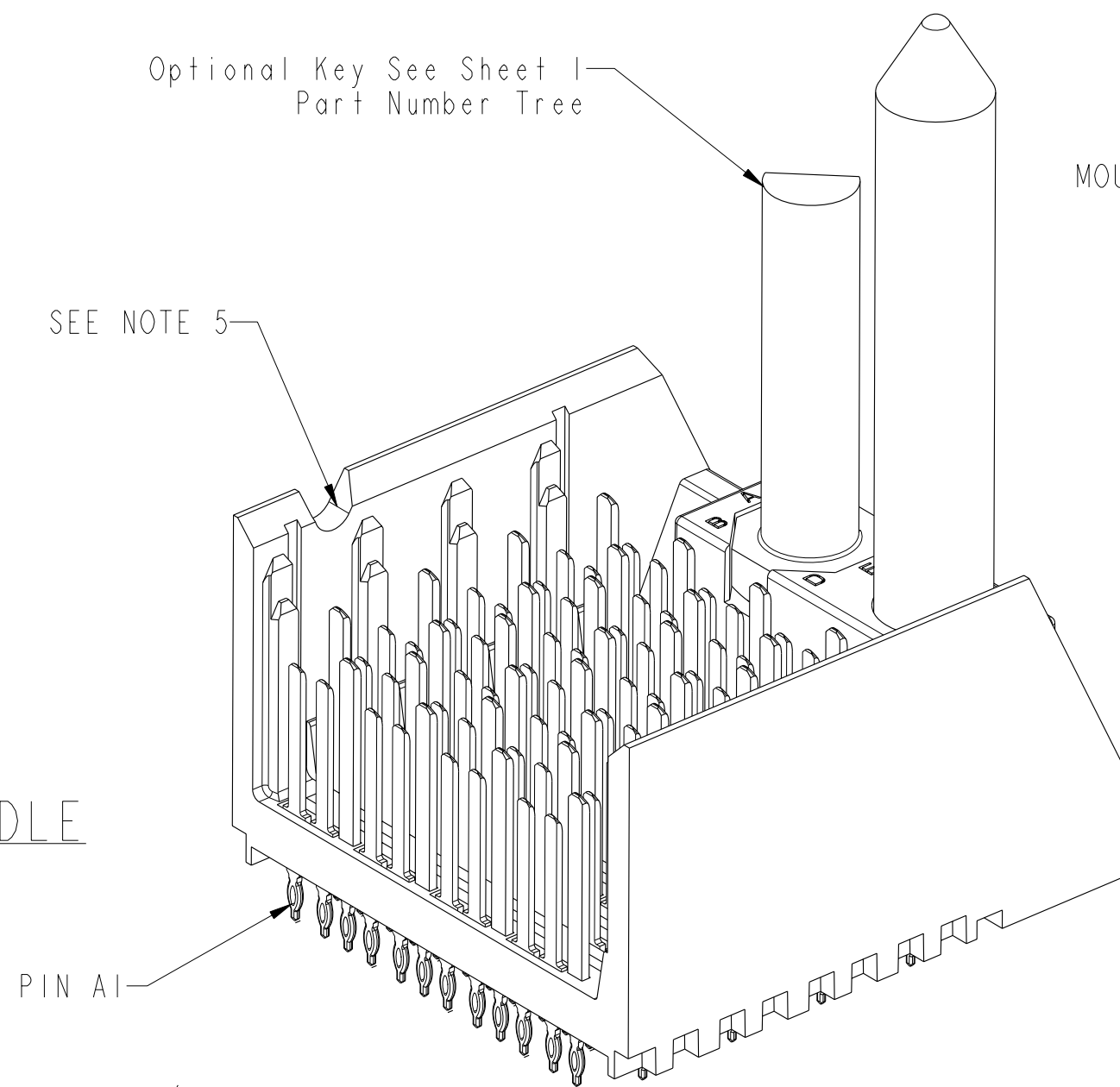
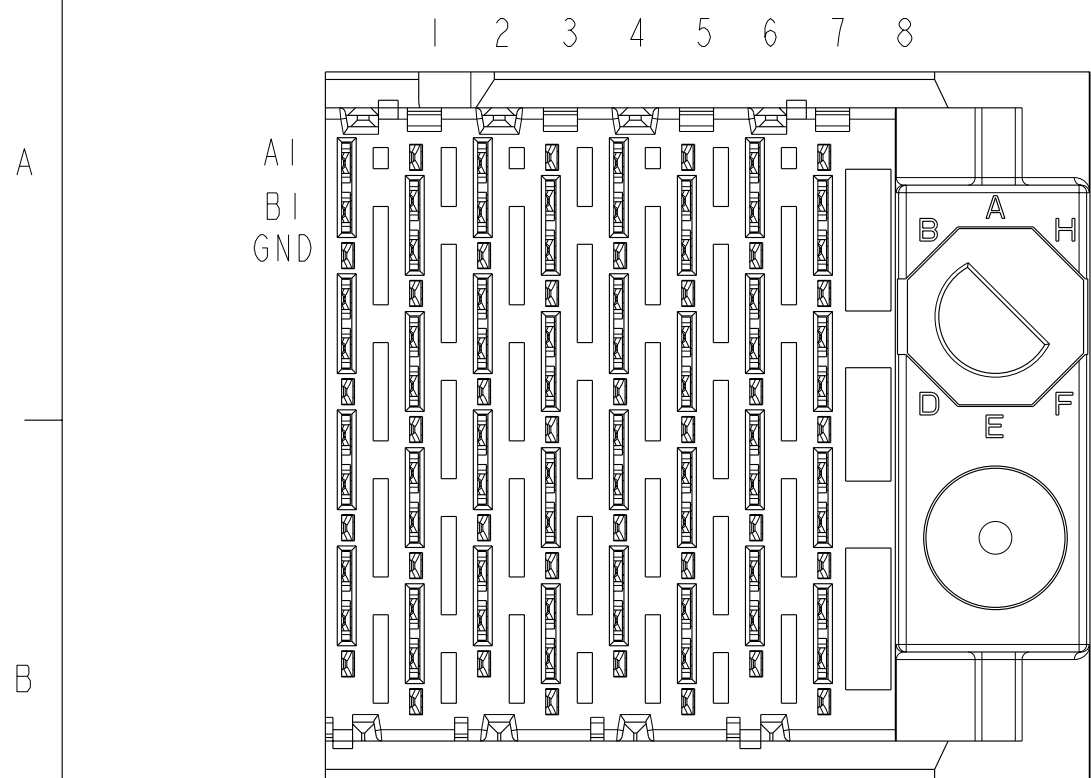
Copyright FCI.

spec ref	-	dr	Sandar Soe	2014/05/16			size	A2	scale	1:1	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Sandar Soe	2015/10/30			ecn no	ELX-S-18192-1			
ISO 406 ISO 1101		chr	-	-			rel level	Released			
		appr	Chen-Hong Tan	2015/11/02	product family		-				
surface		linear	0.X	±0.3		title	MODULE ASSEMBLY, XCEDE HD Veritcal Header, 4 Pair 8 Column	dwg no	10130104	rev	B
ISO 1302		0.XX	±0.10								
		0.XXX	±0.05								
	angular	0°	±2°	www.fci.com	cat. no.	-	Product- Customer Drw			sheet 6 of 8	

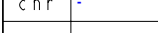
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STATUS:Released

Printed: Nov 03, 2015



BP HOLE PATTERN COMPONENT SIDE
RIGHT POLAIZING/GUIDE MODULE
BACKPLANE FOOTPRINT

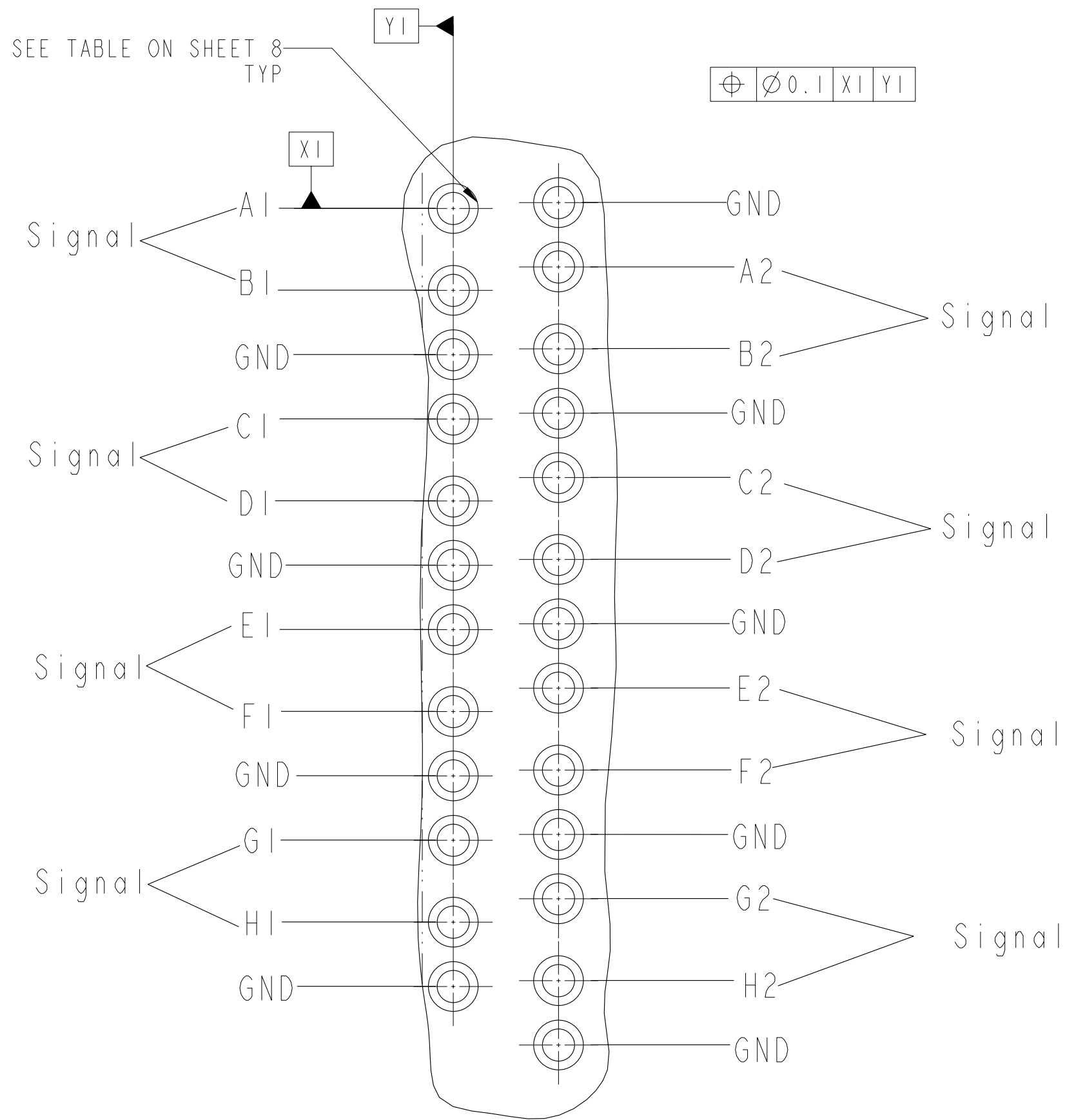
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tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Sandar Soe	2015/10/30	chr	-	-	ecn no	ELX-S-18192-1			
ISO 406			appr	Chen-Hong Tan	2015/11/02	product family	-	-	rel level	Released			
ISO 1101						title			MODULE ASSEMBLY, XCEDE HD				
surface						cat. no.			-			Product - Customer Drw	
linear	0.X	±0.3				Vertical Header, 4 Pair 8 Column			dwg no			10130104	
	0.XX	±0.10											
	0.XXX	±0.05											
ISO 1302	angular	0° ±2°	www.fci.com									sheet 7 of 8	
												rev	
												B	

PDS: Rev :B

STATUS:Released

Printed: Nov 03, 2015

TABLE 3		
	COMPLIANT PIN DRILL $\varnothing 0.55[0.0217"]$	COMPLIANT PIN DRILL $\varnothing 0.45[0.0177"]$
PTH	$\varnothing 0.45\pm 0.05$	$\varnothing 0.36\pm 0.05$
DRILL	$\varnothing 0.55 [0.0217"]$	$\varnothing 0.45 [0.0177"]$
PAD	$\varnothing 0.85$	$\varnothing 0.75$



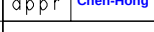
DETAIL A
SCALE 12:1

NOTES:

- CONNECTOR MATERIALS
SHROUD : HIGH-TEMP POLYMER, COLOR : BLACK, UL94V-0
CONTACTS : HIGH PREFORMANCE COPPER ALLOY
- 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) 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.
- PRODUCT SPECIFICATION : GS-12-0936
- APPLICATION SPECIFICATION : GS-20-0348
- NOTCH DESIGNATES "ROW A" SIDE OF CONNECTOR. NOTCH FEATURE ON OPPOSITE FOR PRODUCT MARKING.
- PRODUCT MARKING :
PART NUMBER (10130104-X0J-XXXLF)
"FCI" AND DATE CODE (FCI P#####)
- 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 $\triangle$ SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW OR NOTE THAT HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.
- OPTIONAL HOLE LOCATION FOR GROUNDED PIN OR ADDITIONAL GUIDE-PIN SUPPORT. SEE TABLE 1 SHEET 1 FOR ADDITIONAL DETAILS.
- SCREW IS OPTIONAL AND ENGAGES WITH BOTTOM OF GUIDE PIN FROM BENEATH THE PCB FOR ADDITIONAL GUIDE-PIN SUPPORT.

spec ref		-		dr		Sander Soe		2014/05/16		projection				mm		size		A2		scale		1:1					
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Sander Soe		2015/10/30						ecn no		ELX-S-18192-1											
ISO 406				chr		-		-						rel level		Released											
ISO 1101				appr		Chen-Hong Tan		2015/11/02						product family													
surface				linear		0.X		±0.3				title		MODULE ASSEMBLY, XCEDE HD		dwg no		10130104		rev		B					
		0.XX		±0.10		cat. no.		-																Product - Customer Drw		sheet 8 of 8	
ISO 1302		angular		0°		±2°		www.fci.com																			

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

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Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

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moschip.ru_9