



10130104 - 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)
0	STANDARD GUIDE PIN, MACHINED
1	STANDARD GUIDE PIN, ROLLED

NOT TOOLED

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

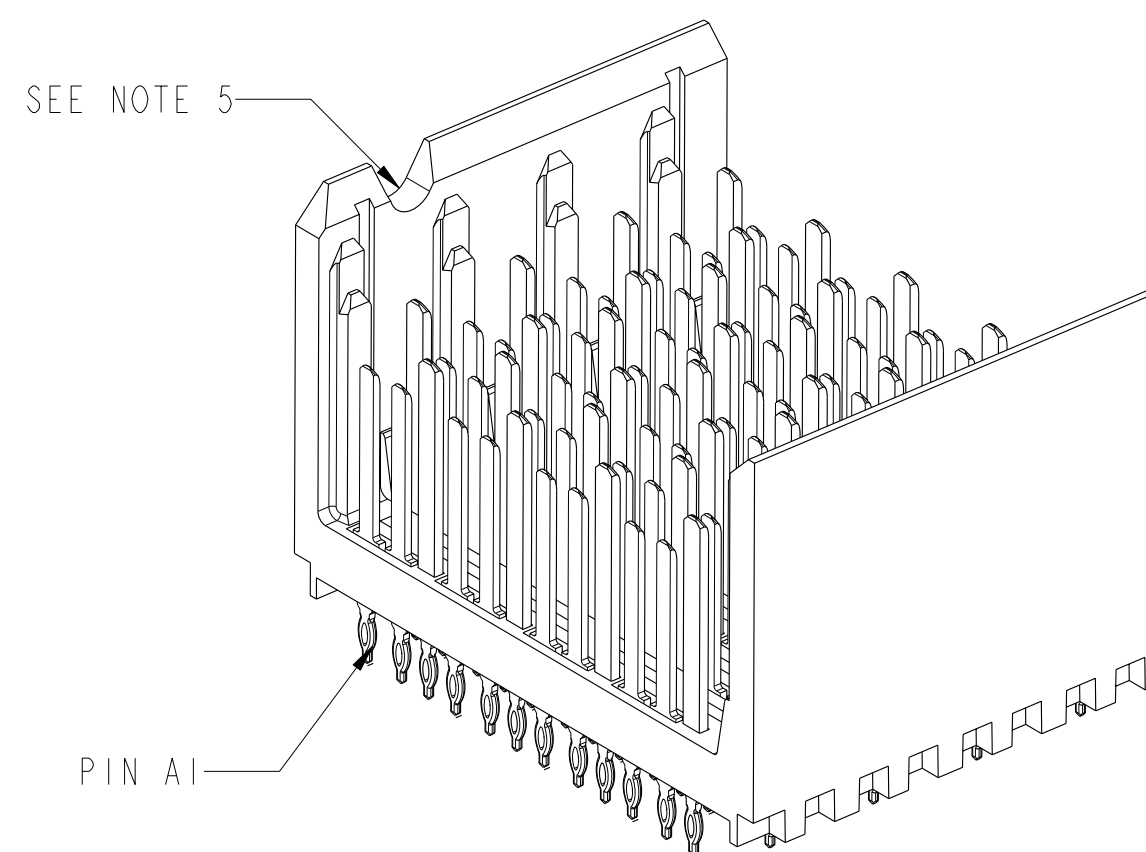
FOR CUSTOM-LOADED MODULES, SEE INDIVIDUAL CUSTOM DRAWINGS WITH THE DRAWING-NUMBER FORMAT OF 10130104-XXXX, WHERE: "X" DENOTES MODULE TYPE PER CHART ON THIS SHEET "YYYY" IS A SEQUENTIAL NUMBER BEGINNING WITH "0001".

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	ISO 406	TOLERANCES UNLESS OTHERWISE SPECIFIED	
	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			size	A2	scale	1:1		
eng	Sander Soe	2015/10/30			ecn no	ELX-S-18192-1				
chr	-	-			rel level			Released		
appr	Chen-Hong Tan	2015/11/02	product family		-					
		title	MODULE ASSEMBLY, XCEDE HD			dwg no	10130104		rev	B
Veritcal Header, 4 Pair 8 Column										
www.fci.com		cat. no.	-	Product - Customer Drw				sheet 1 of 8		



Pin 1 location diagram showing a 14-pin connector layout. The diagram includes dimensions and labels for the pins and their locations.

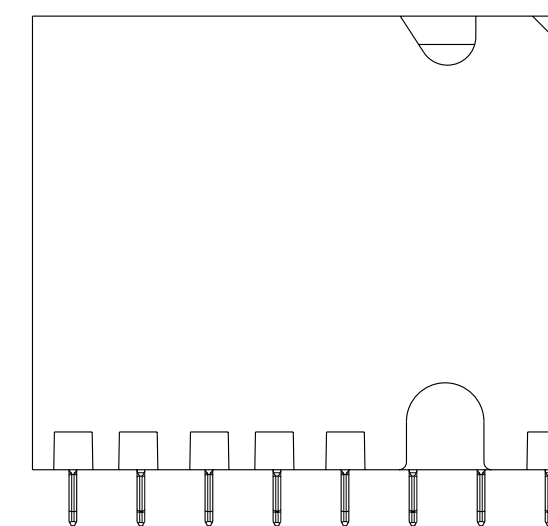
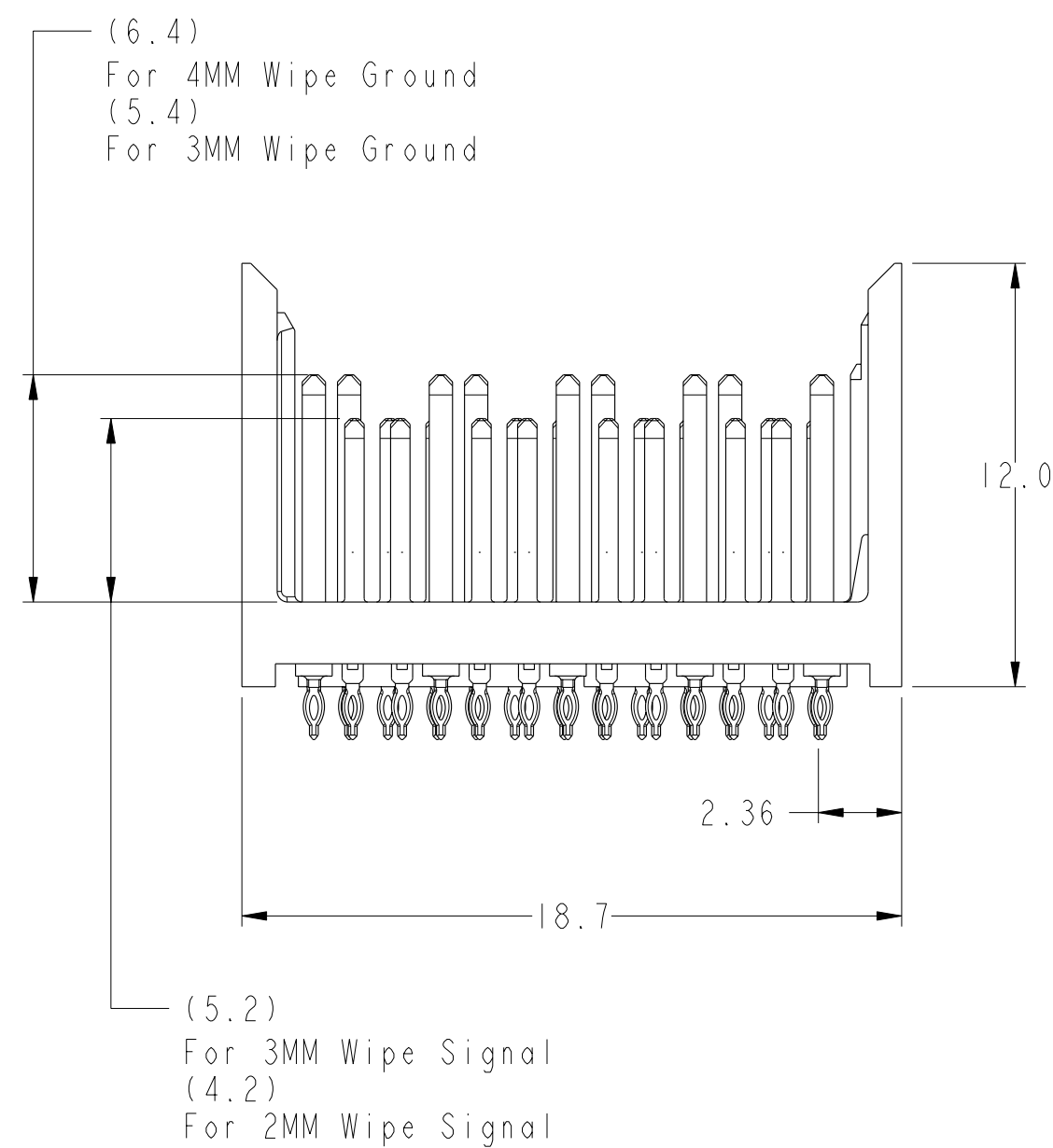
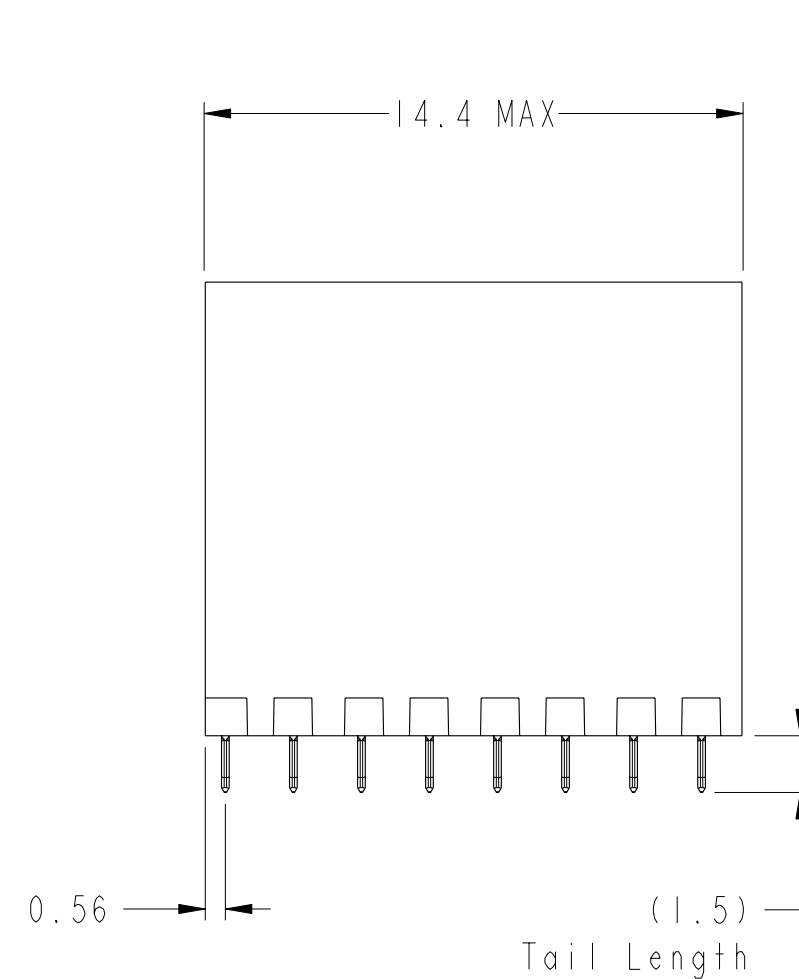
Dimensions:

- Pin pitch: 0.56 (mm)
- Pin 1 location: 14.3 (mm)
- Pin 1 location: 2.36 (mm)
- Pin 1 location: 18.7 (mm)

Labels:

- MODULE OUTLINE
- PIN AI HOLE
- Y1
- X1
- 0
- A1
- B1
- GND11
- C1
- D1
- GND12
- E1
- F1
- GND13
- G1
- H1
- GND14
- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 0.1
- 2.4
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- 6
- 7.1
- 8.2
- 9.6
- 10.7
- 11.8
- 13.2
- 14.3

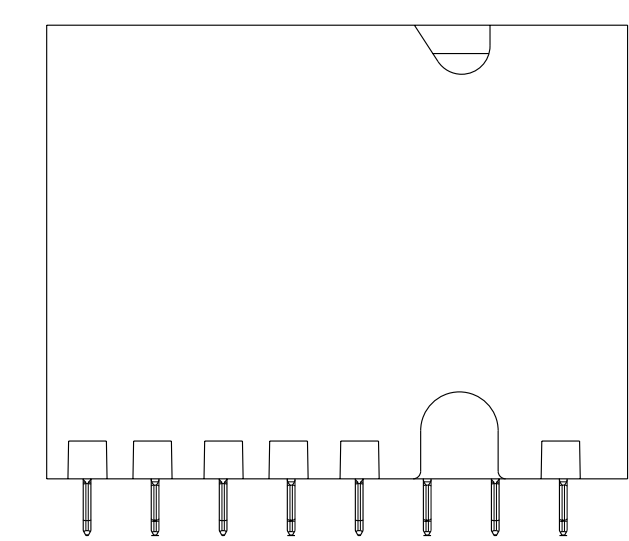
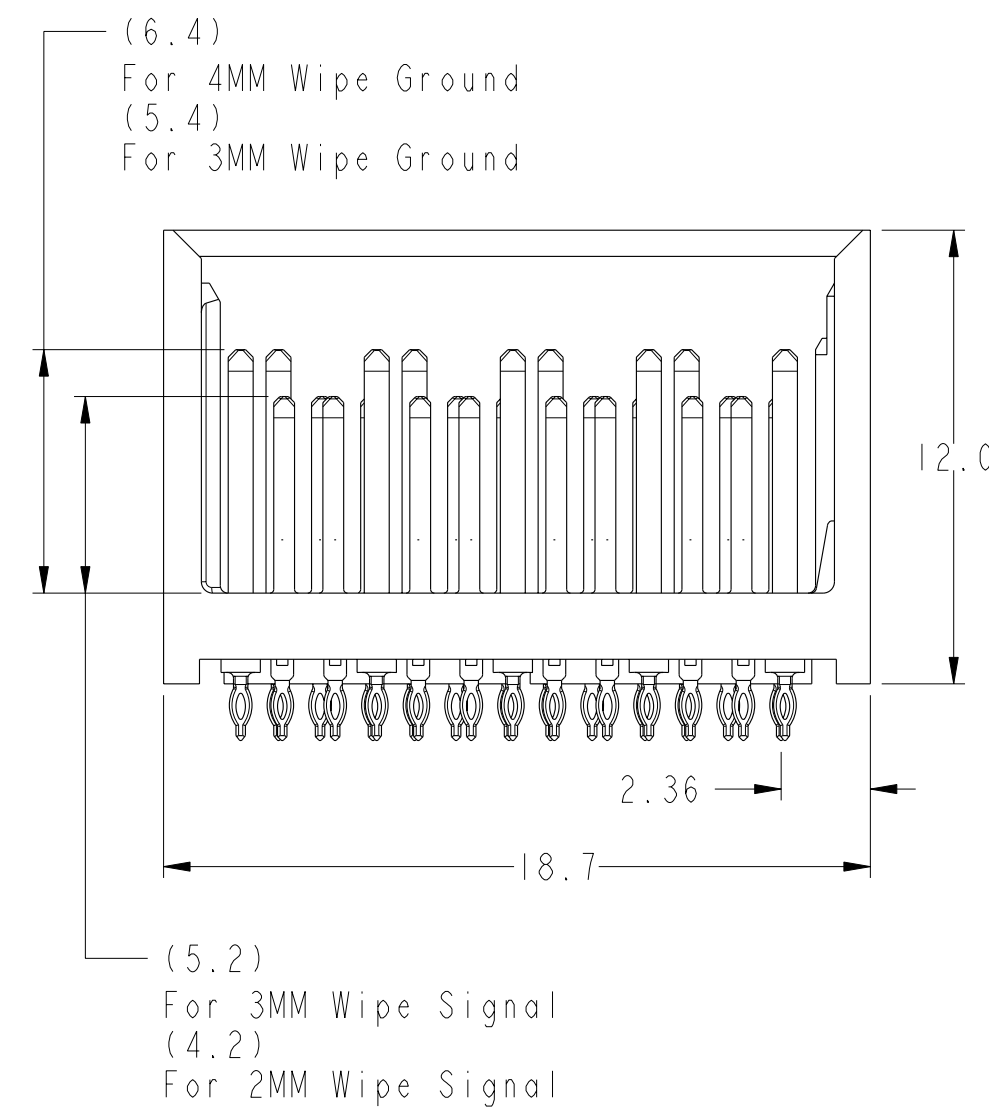
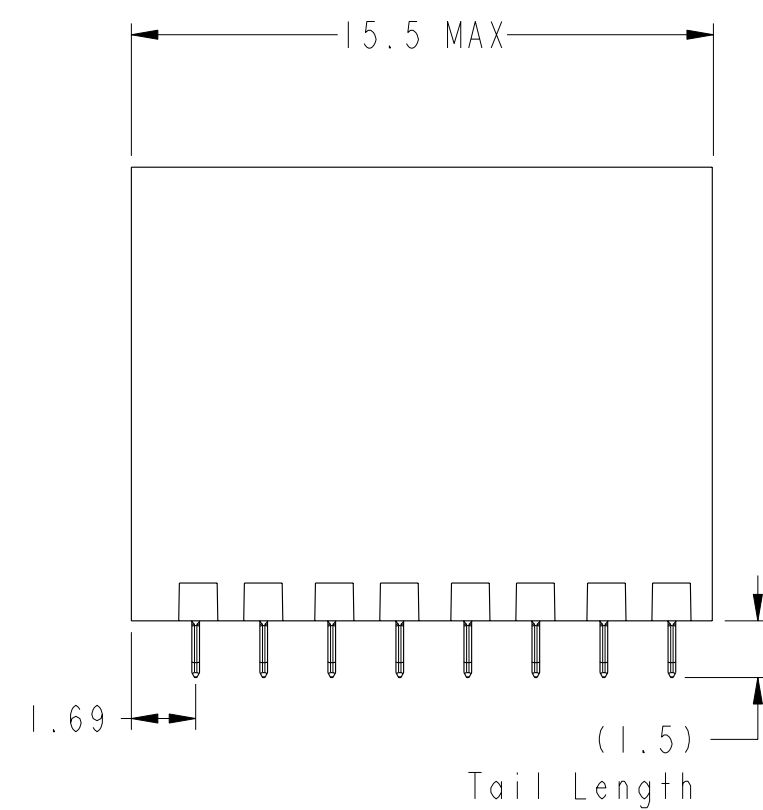
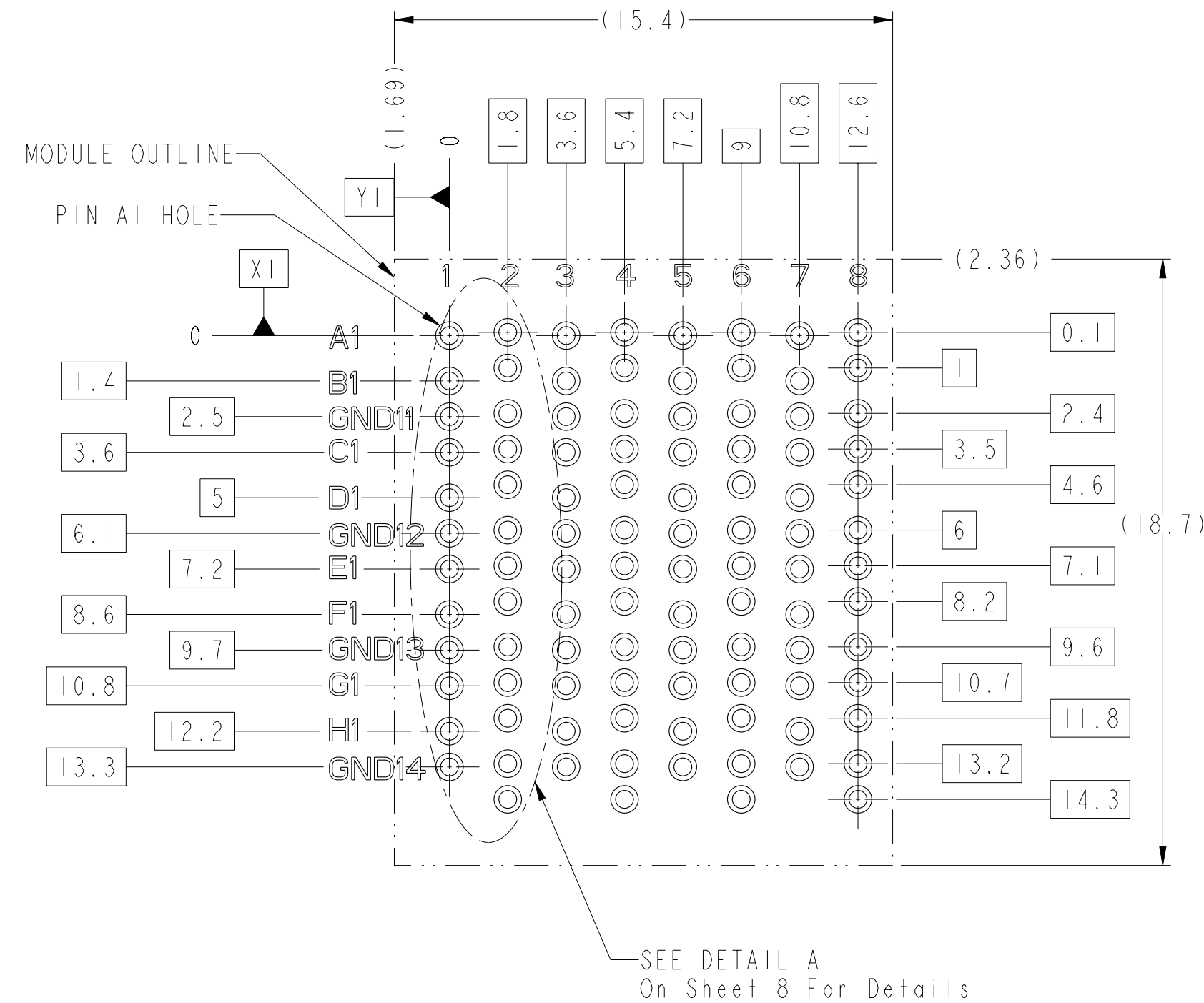
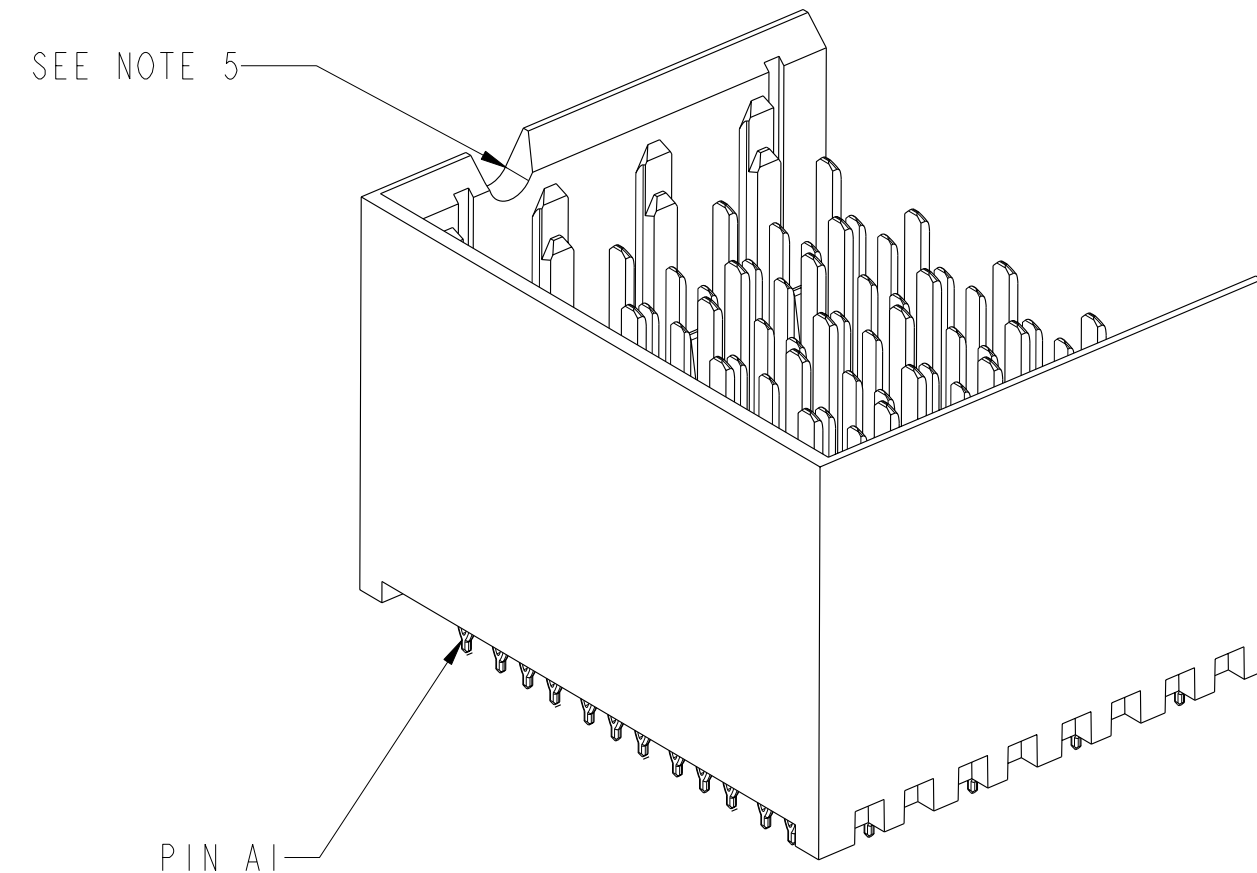
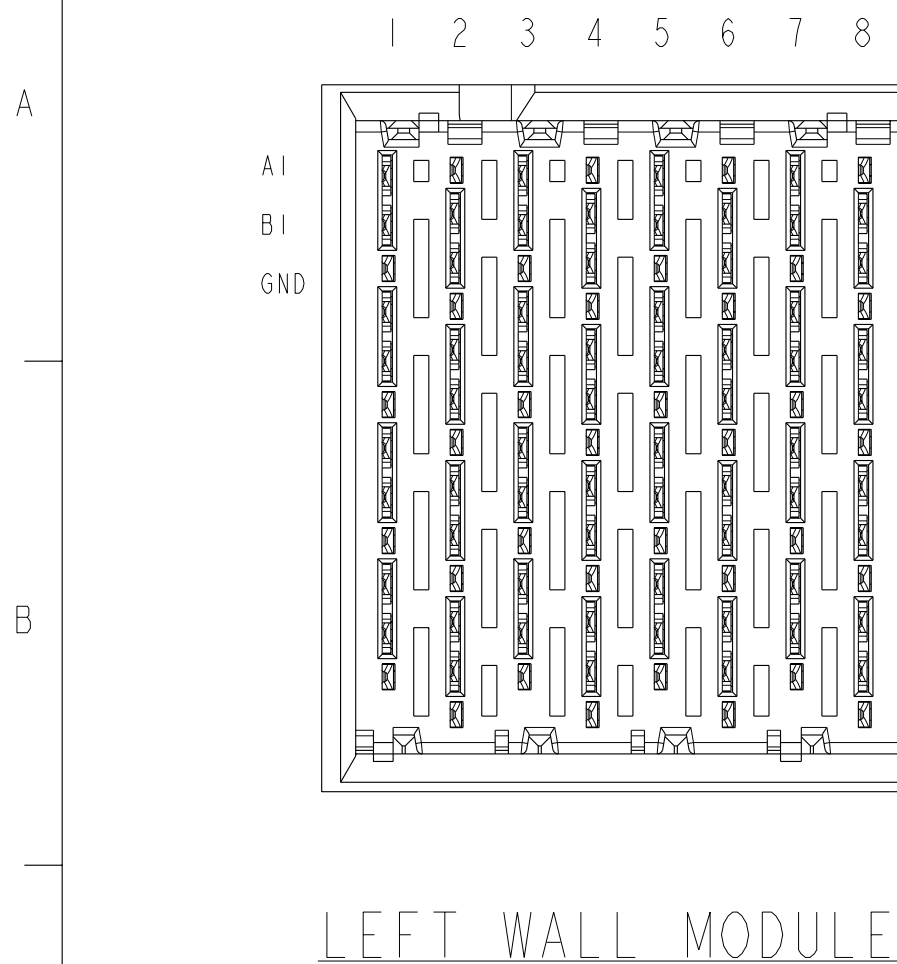
SEE DETAIL A
On Sheet 8 For Details



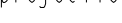
BP HOLE PATTERN COMPONENT SIDE

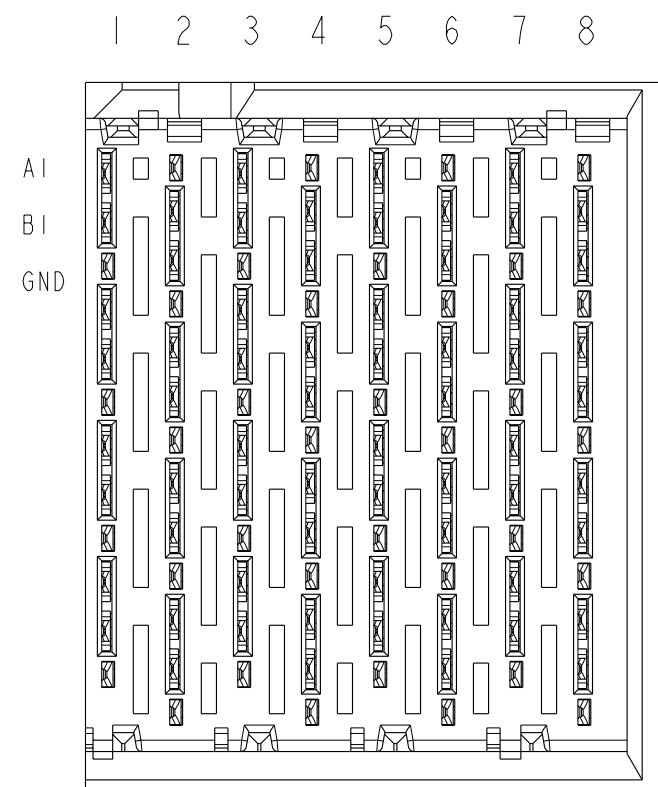
OPEN WALL MODULE BACKPLANE FOOTPRINT

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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		dwg no		10130104		rev		B	
				0.XX		±0.10															
		ISO 1302		0.XXX		±0.05															
		angular		0°		±2°															

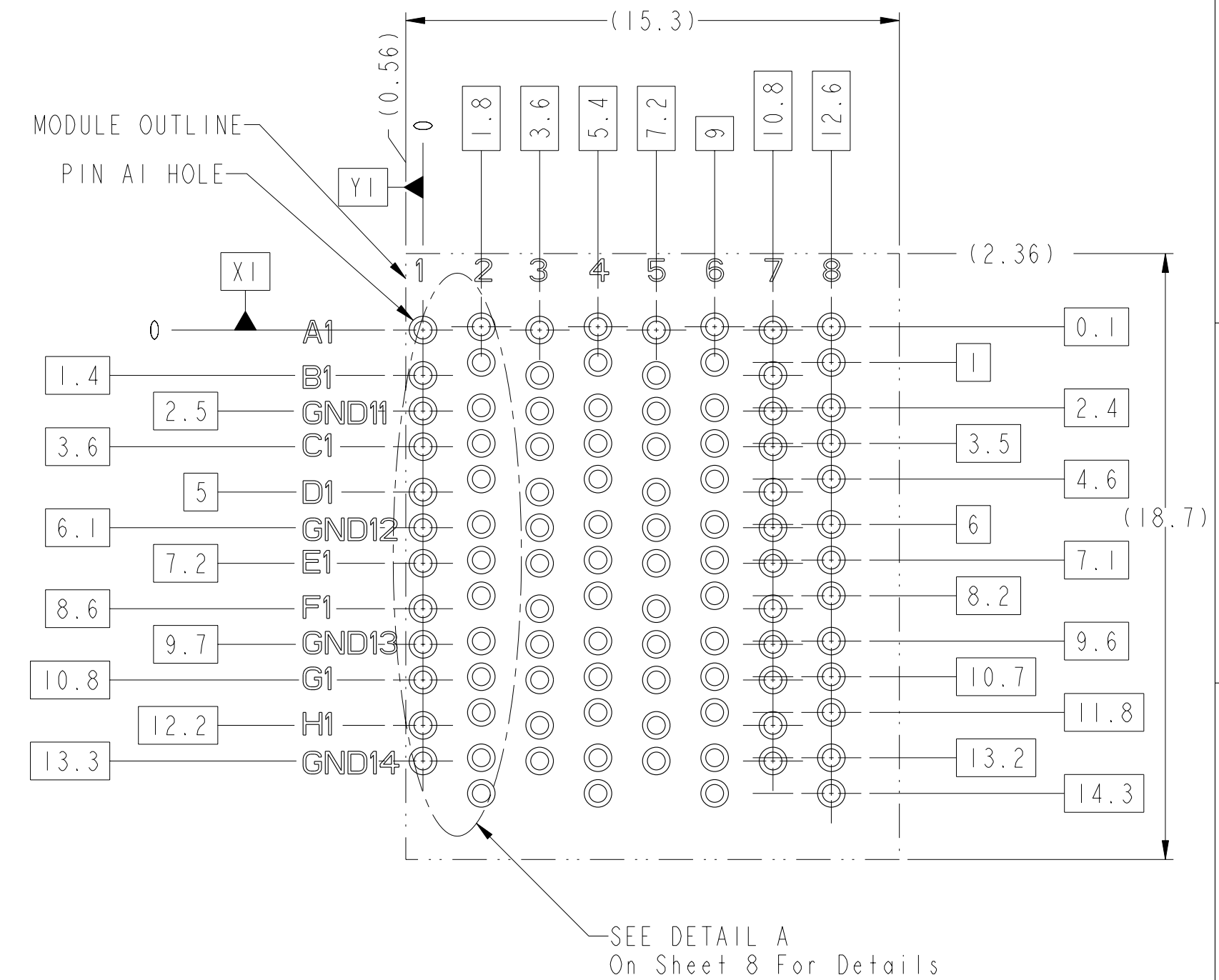
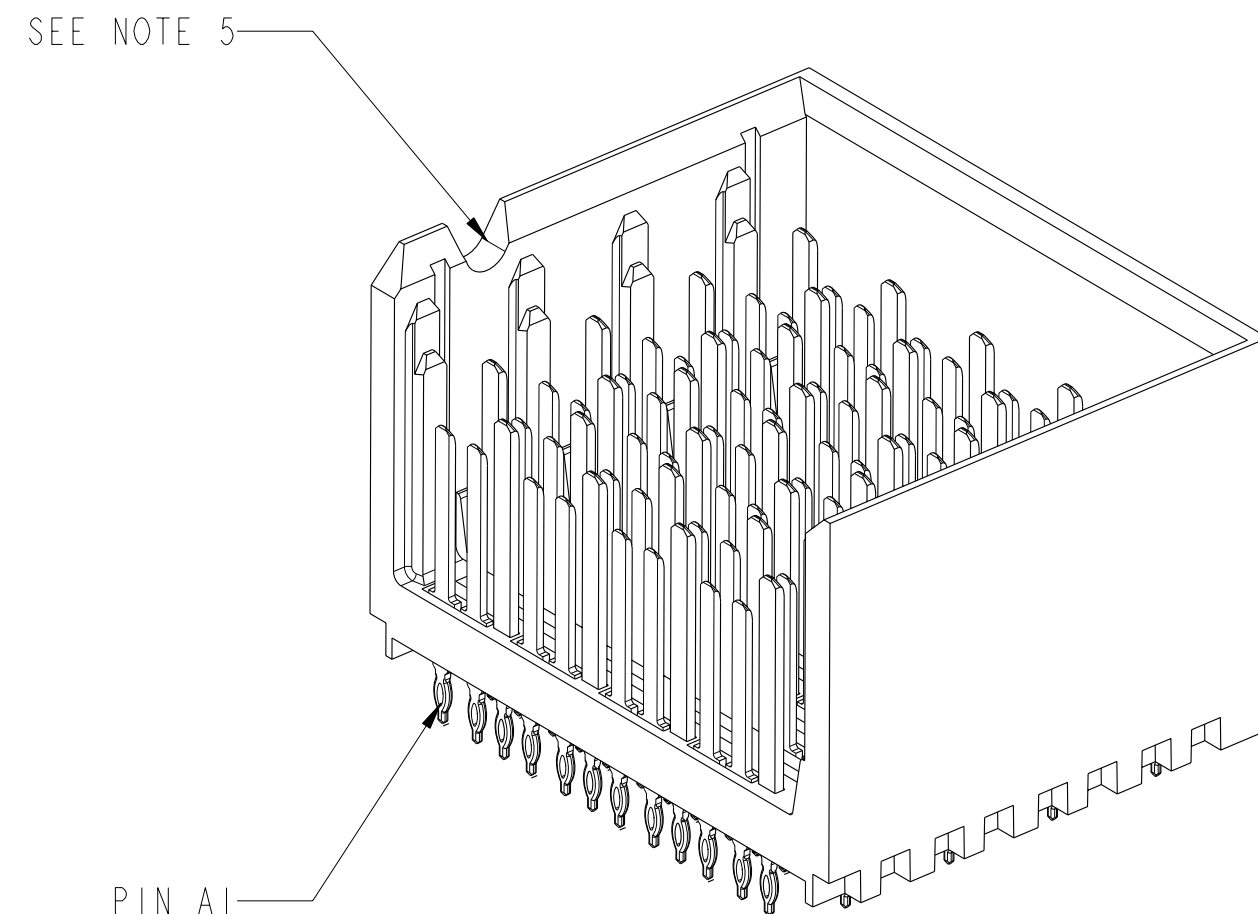


BP HOLE PATTERN COMPONENT SIDE
LEFT WALL MODULE BACKPLANE FOOTPRINT

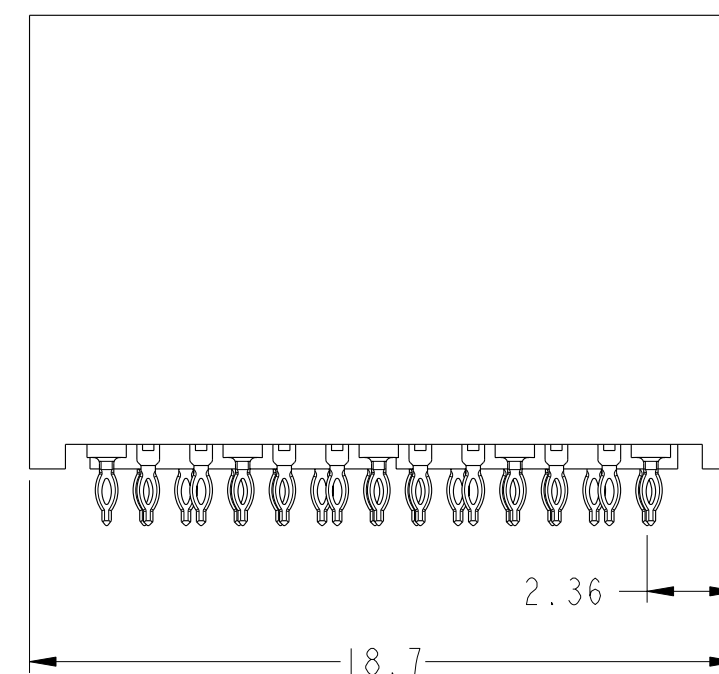
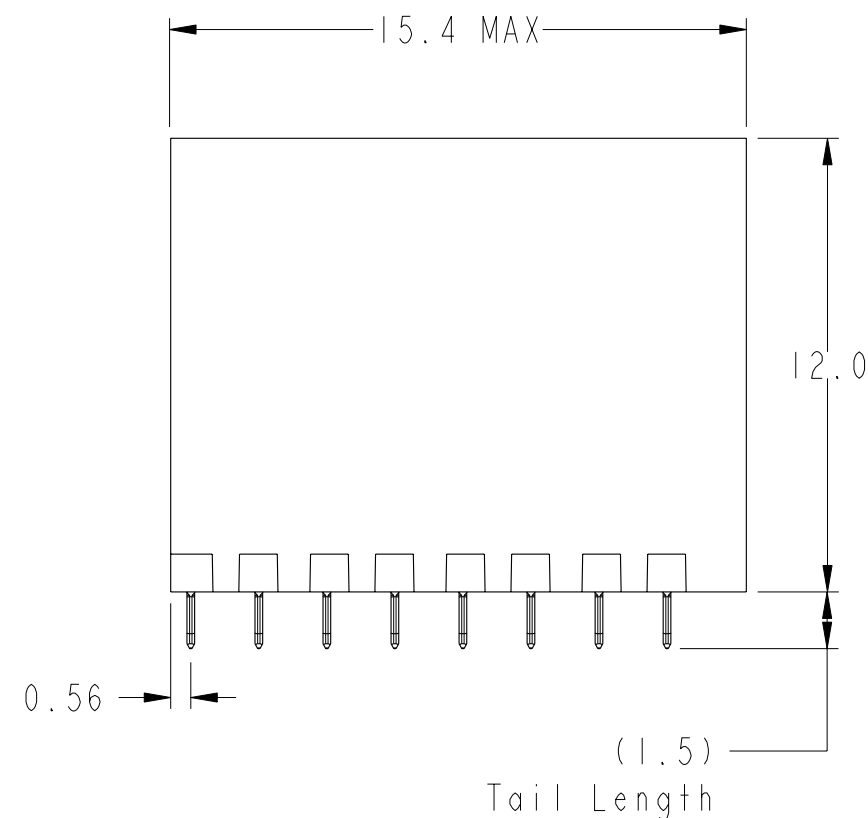
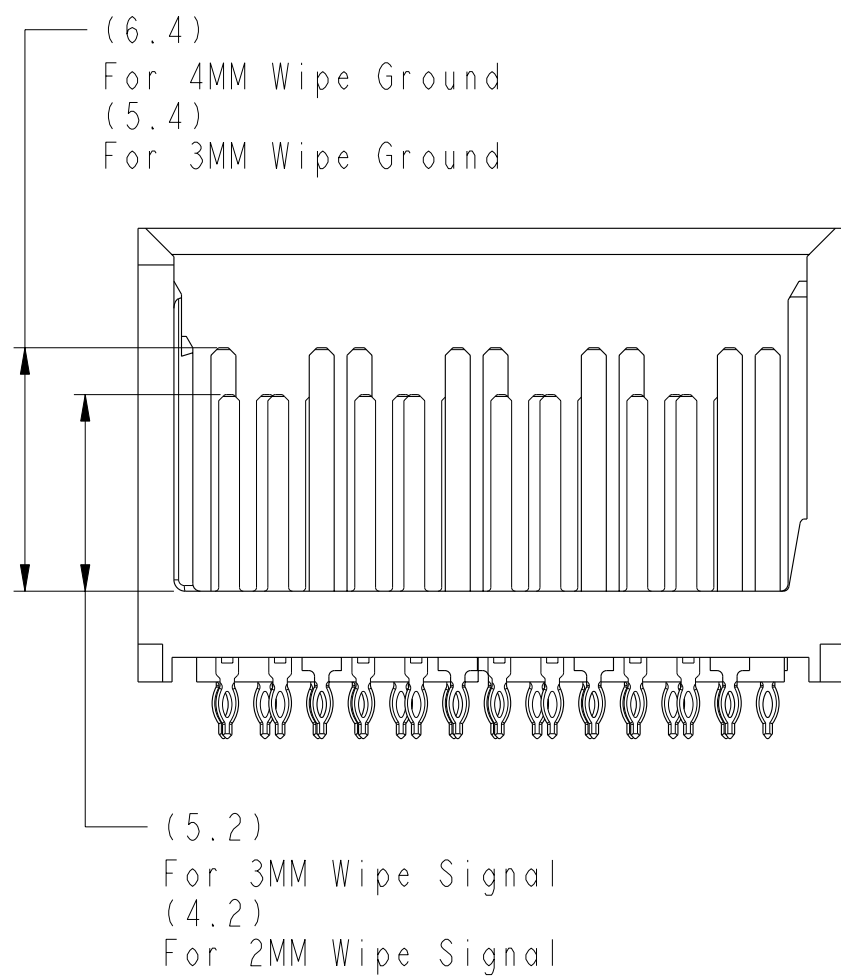
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tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng Sander Soe 2015/10/30	ecn no ELX-S-18192-1				
				chr - -					
				appr Chen-Hong Tan 2015/11/02	product family -		rel level Released		
surface  ISO 1302	linear	0.X ±0.3		title	MODULE ASSEMBLY, XCEDE HD Veritcal Header, 4 Pair 8 Column	dwg no	10130104	rev	B
		0.XX ±0.10							
	0.XXX ±0.05								
angular 0° ±2°			www.fci.com	cat. no. -	Product - Customer Drw			sheet 3 of 8	



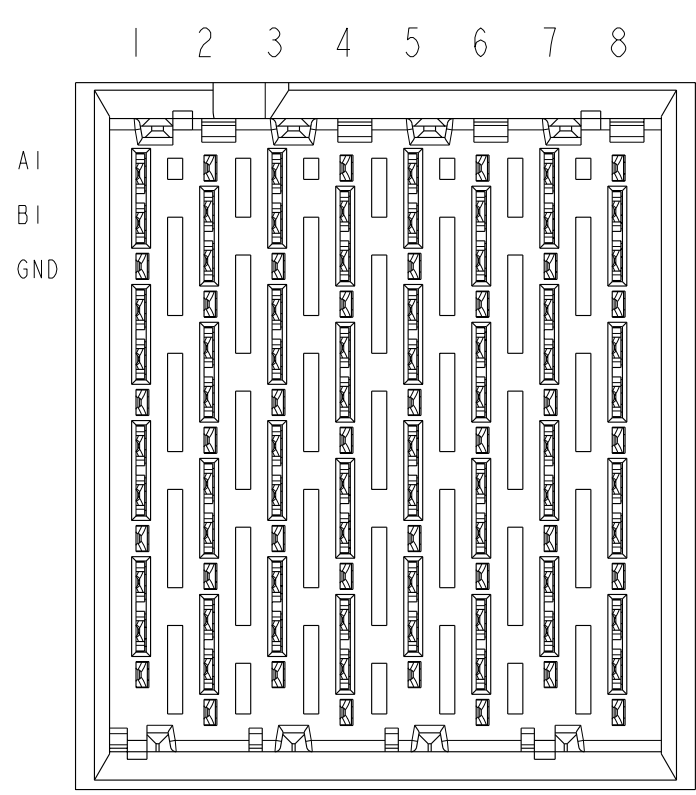
RIGHT WALL MODULE



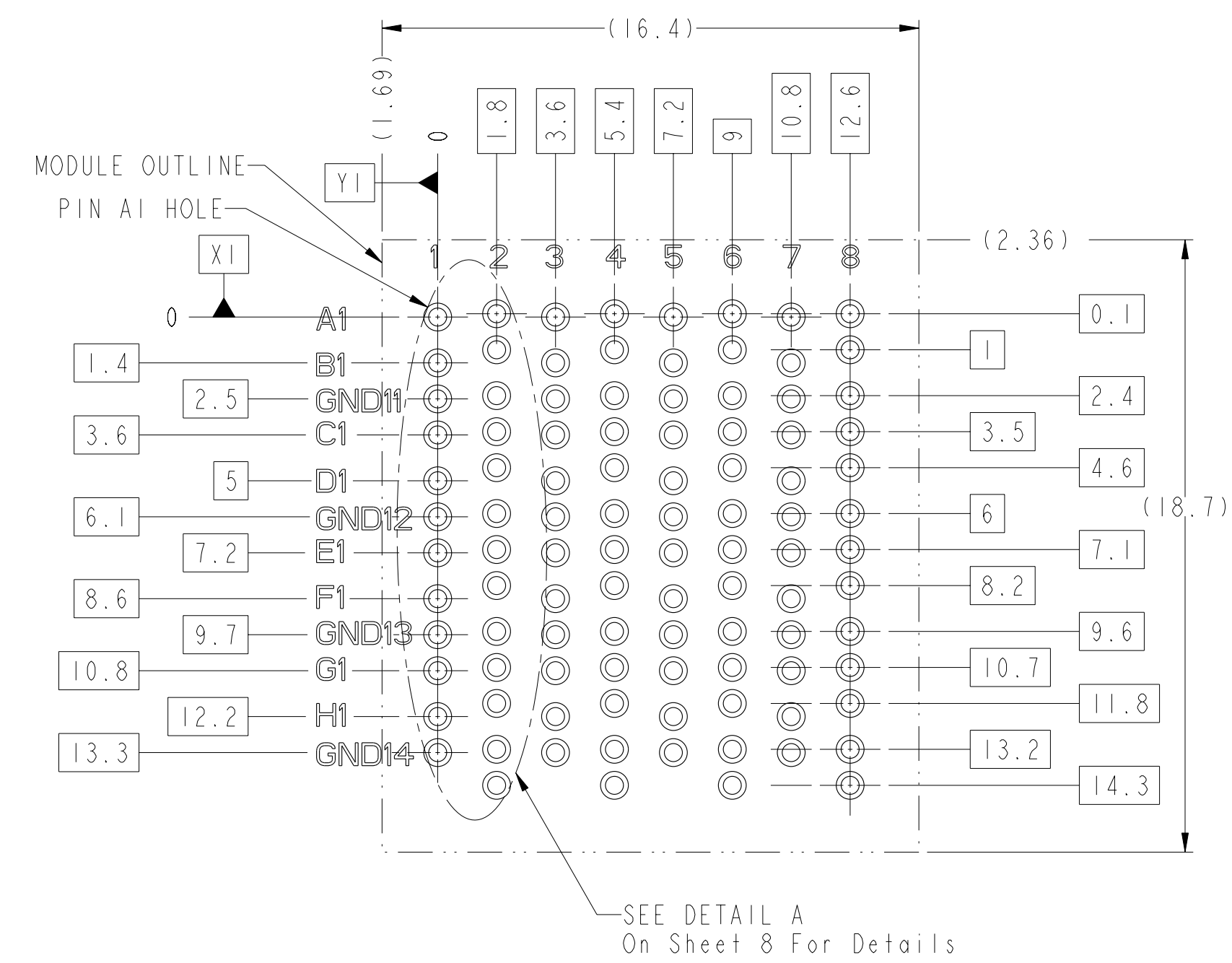
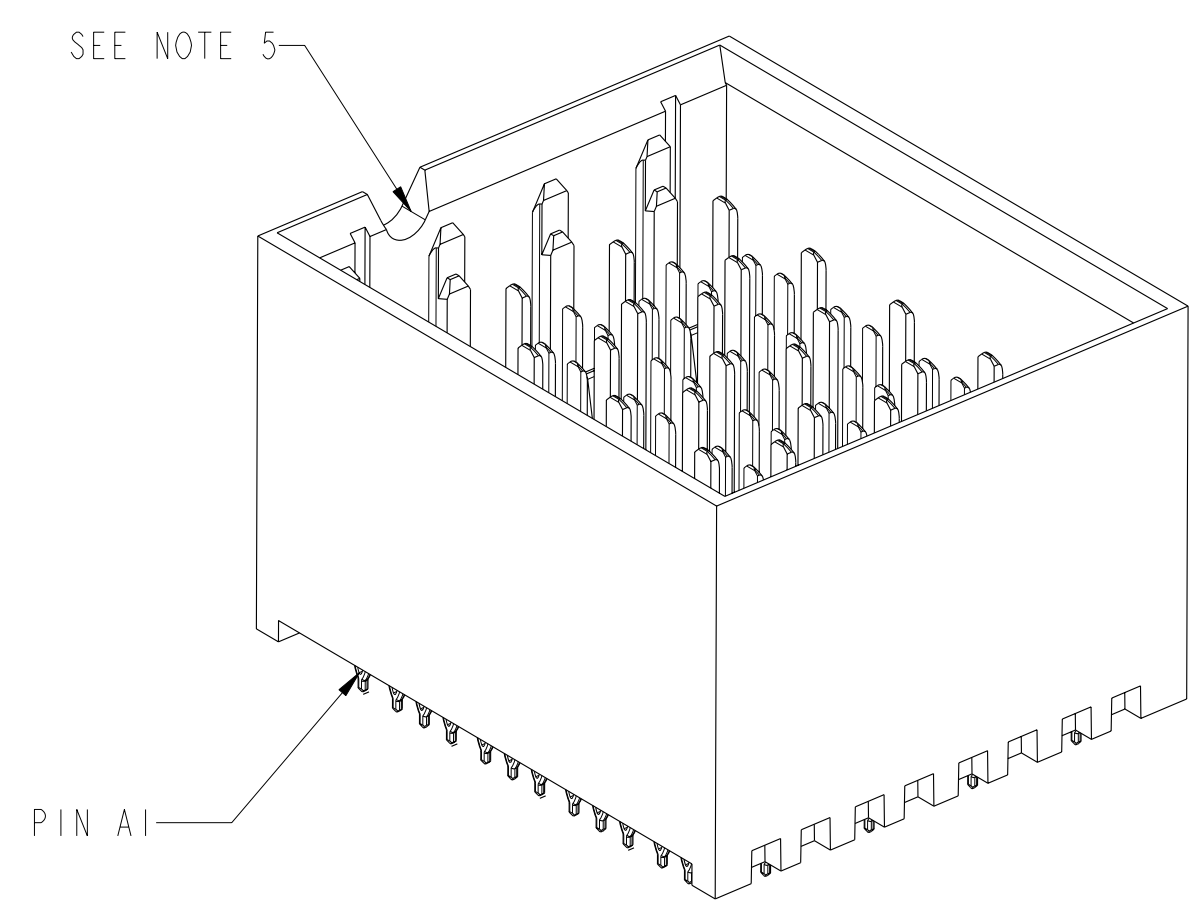
BP HOLE PATTERN COMPONENT SIDE
RIGHT WALL MODULE BACKPLANE FOOTPRINT



spec ref	-	dr	Sander Soe	2014/05/16	projection	mm	size	A2	scale	1:1
tolerance std	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 4 of 8	rev
TOLERANCES UNLESS OTHERWISE SPECIFIED		linear		0.X	±0.3	angular		0°	±2°	
				0.XX	±0.10					
				0.XXX	±0.05					

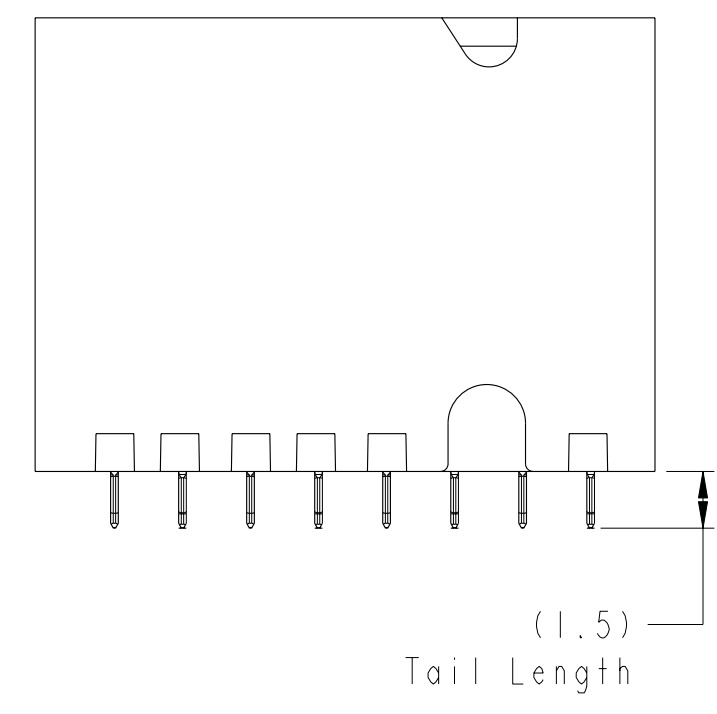
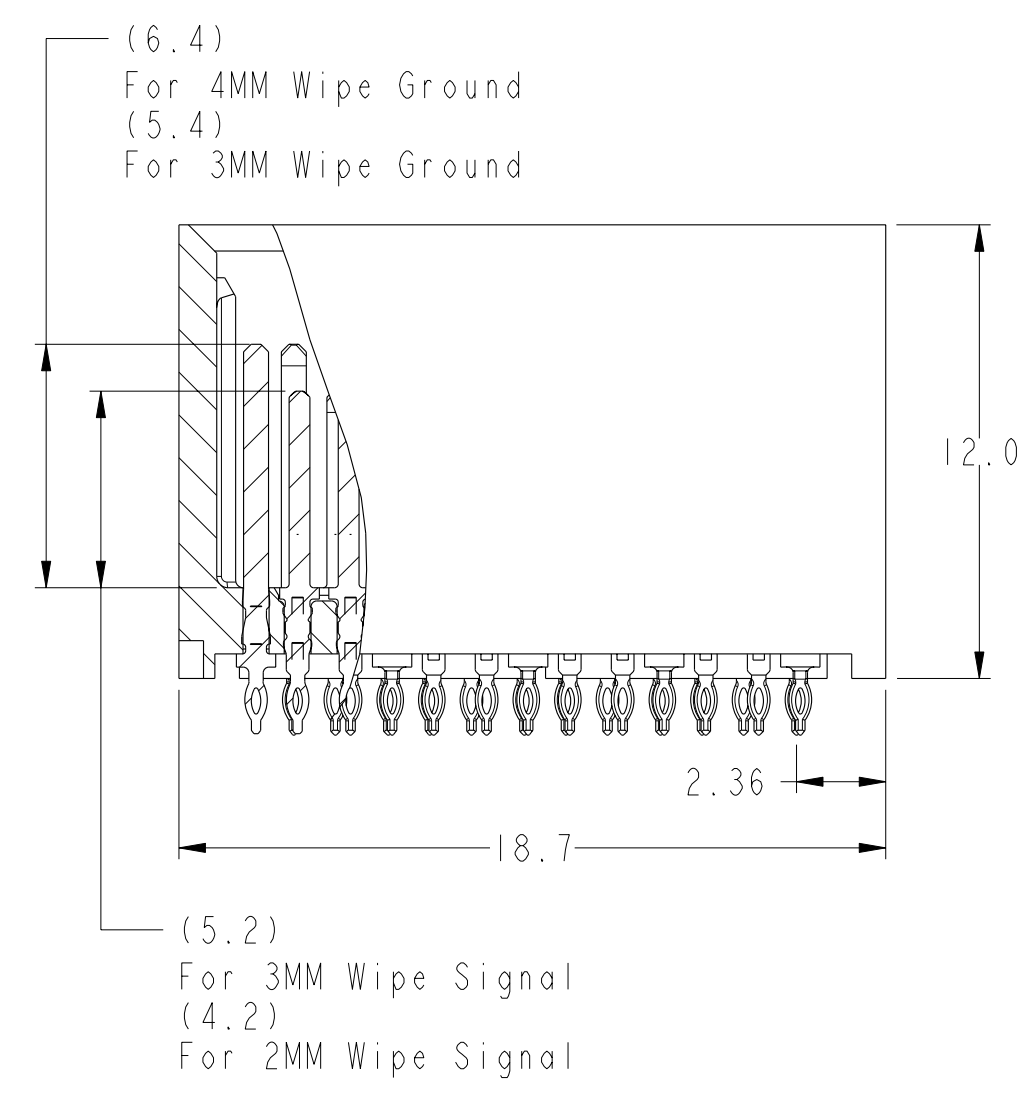
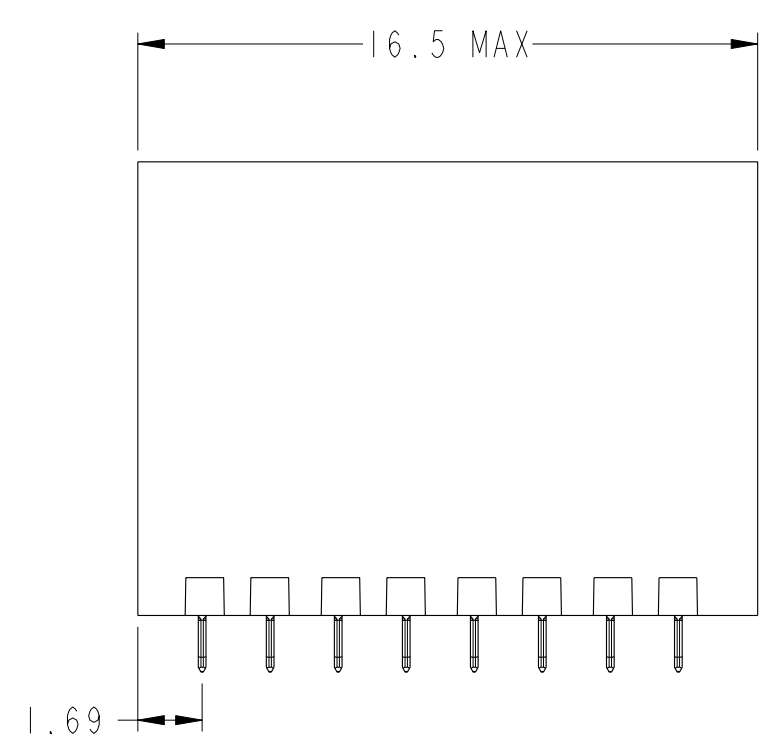


FOUR WALL MODULE



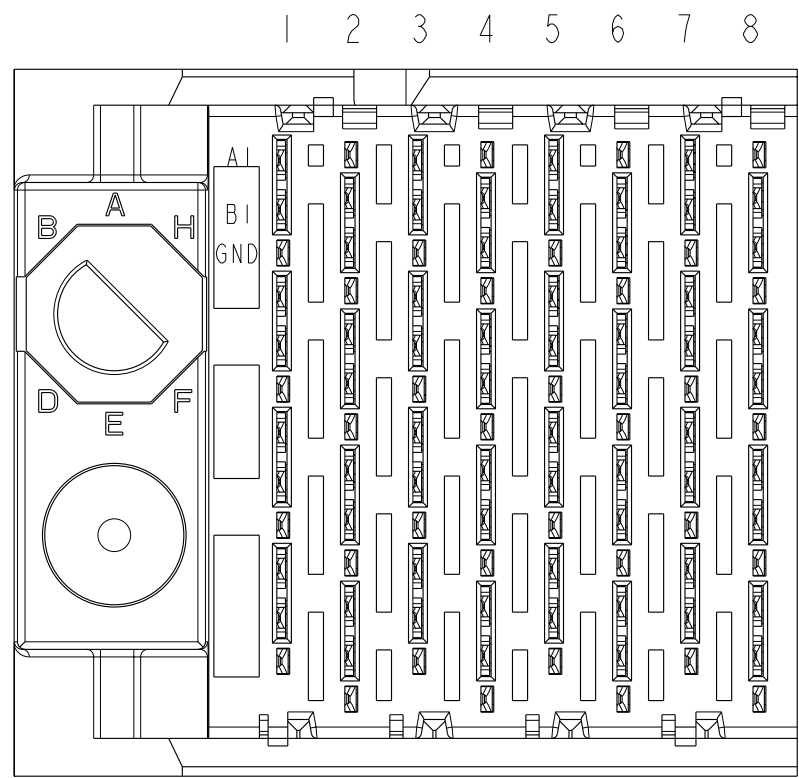
BP HOLE PATTERN COMPONENT SIDE

FOUR WALL MODULE BACKPLANE FOOTPRINT



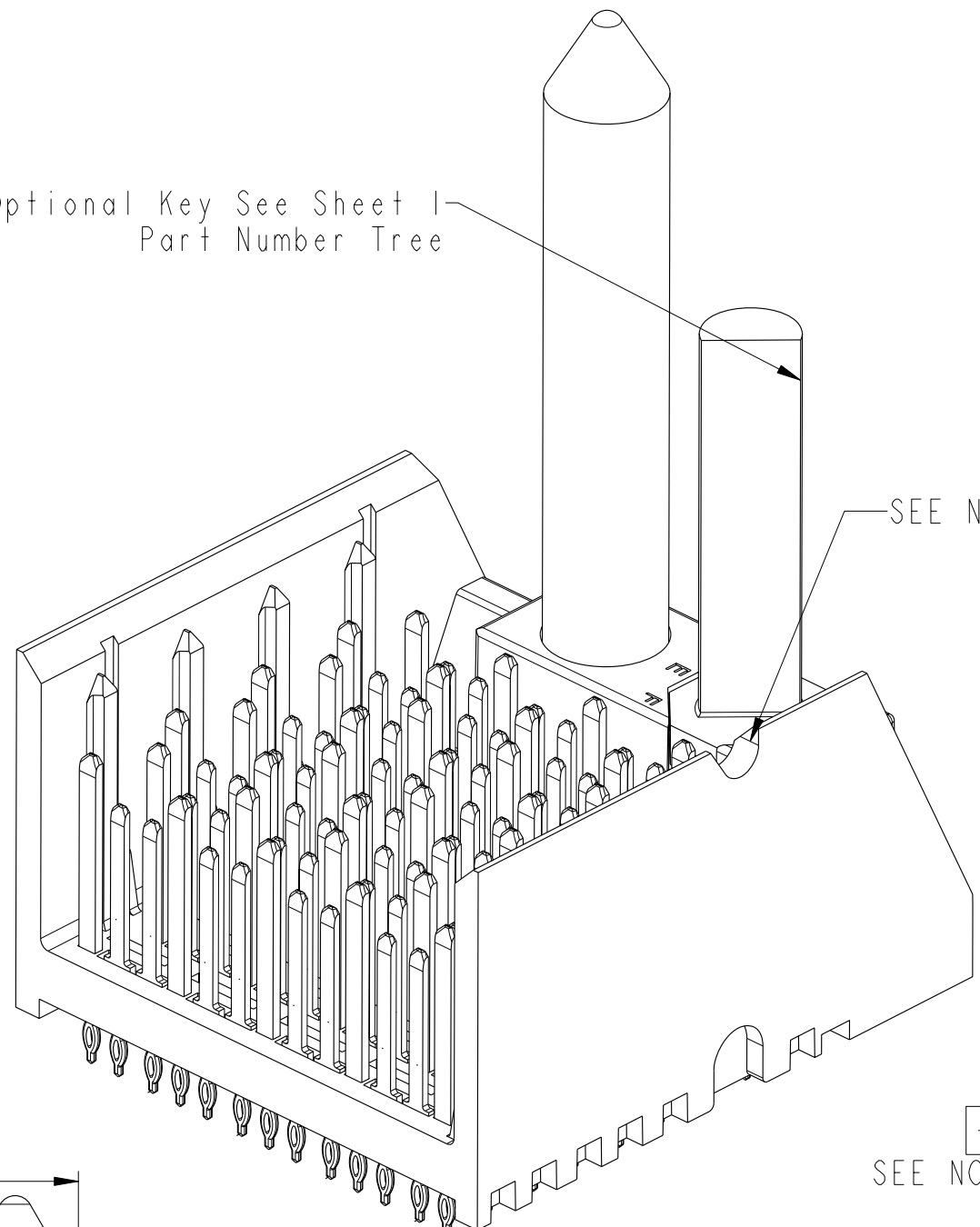
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surface	ISO 1302	appr	Chen-Hong Tan	2015/11/02	product family	-	cat. no.	-	Product - Customer Drw	sheet 5 of 8
linear	0.X 0.XX 0.XXX	angular	0°	±0.3 ±0.10 ±0.05	FCI	www.fci.com	title	MODULE ASSEMBLY, XCEDE HD Veritcal Header, 4 Pair 8 Column	dwg no	10130104
rev	B									

A
B
C
D
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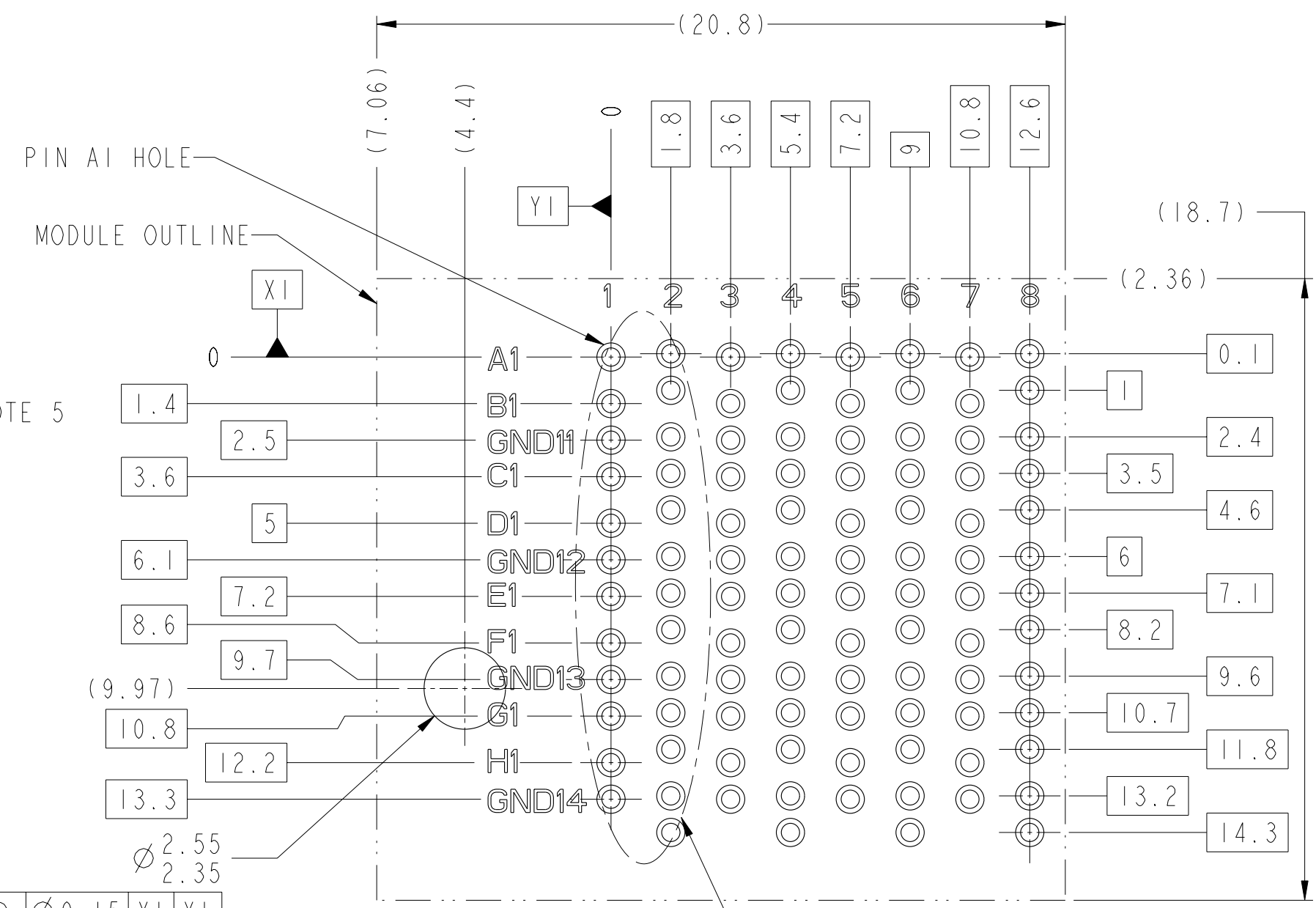


LEFT POLARIZING/GUIDE MODULE

Optional Key See Sheet 1
Part Number Tree

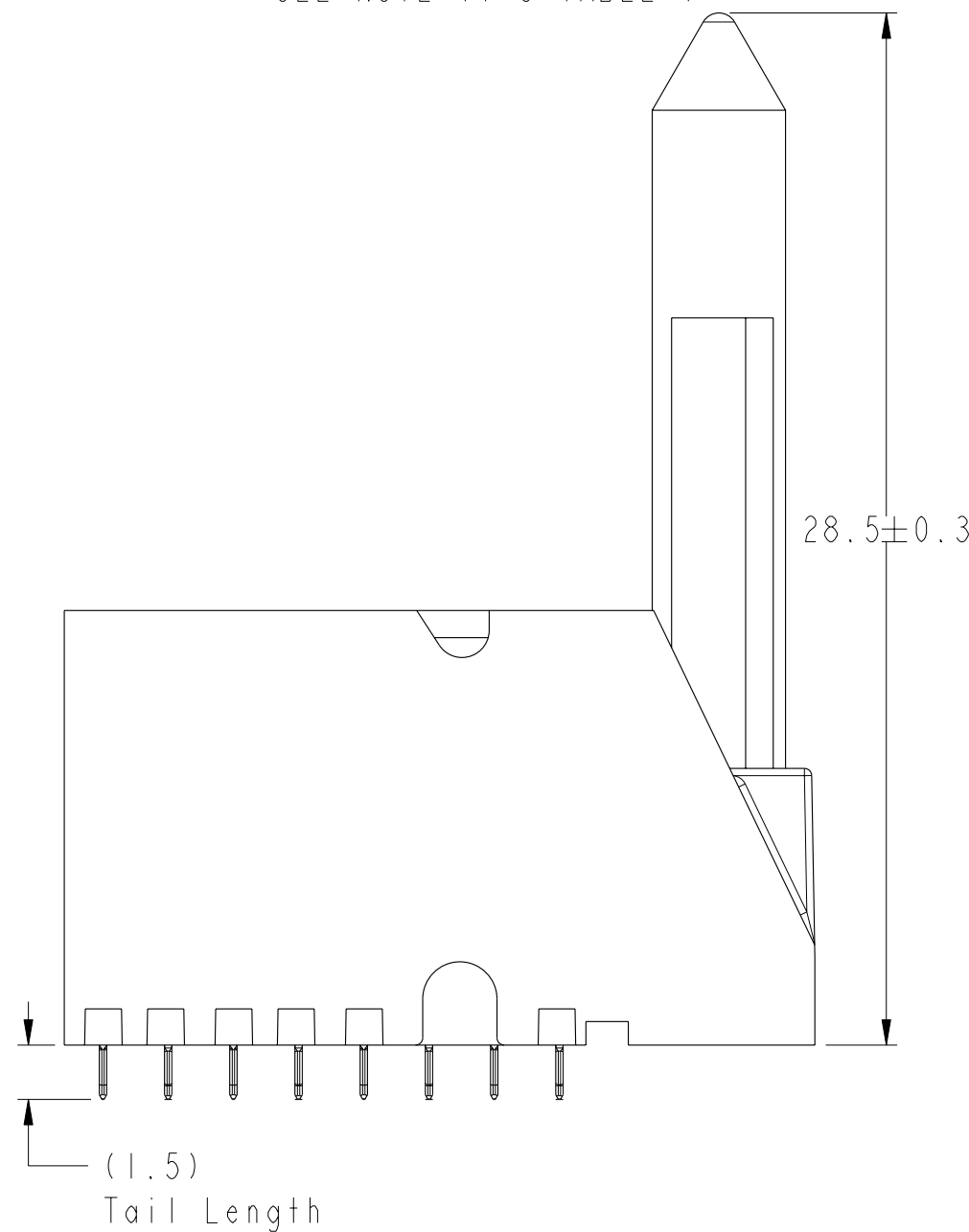
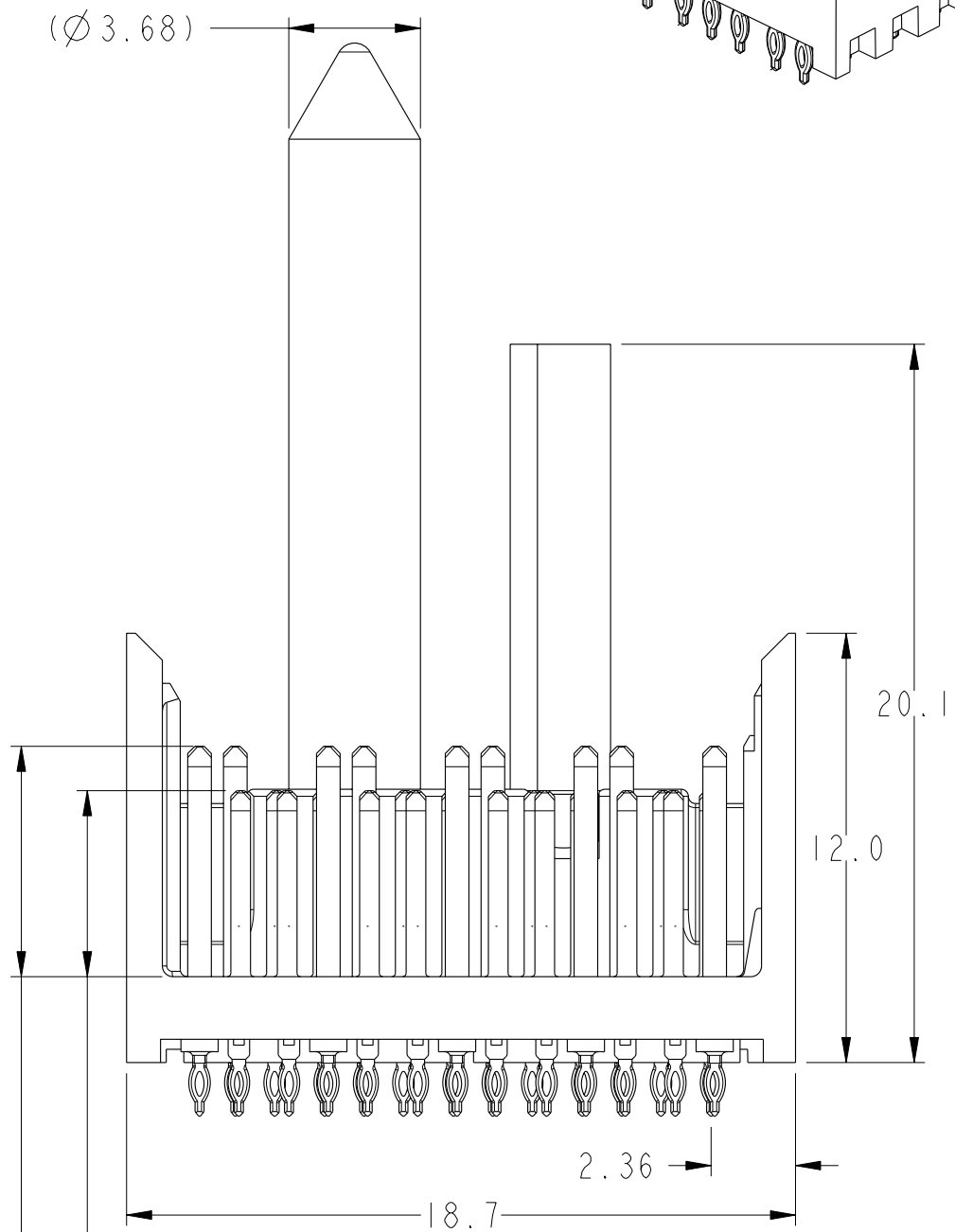
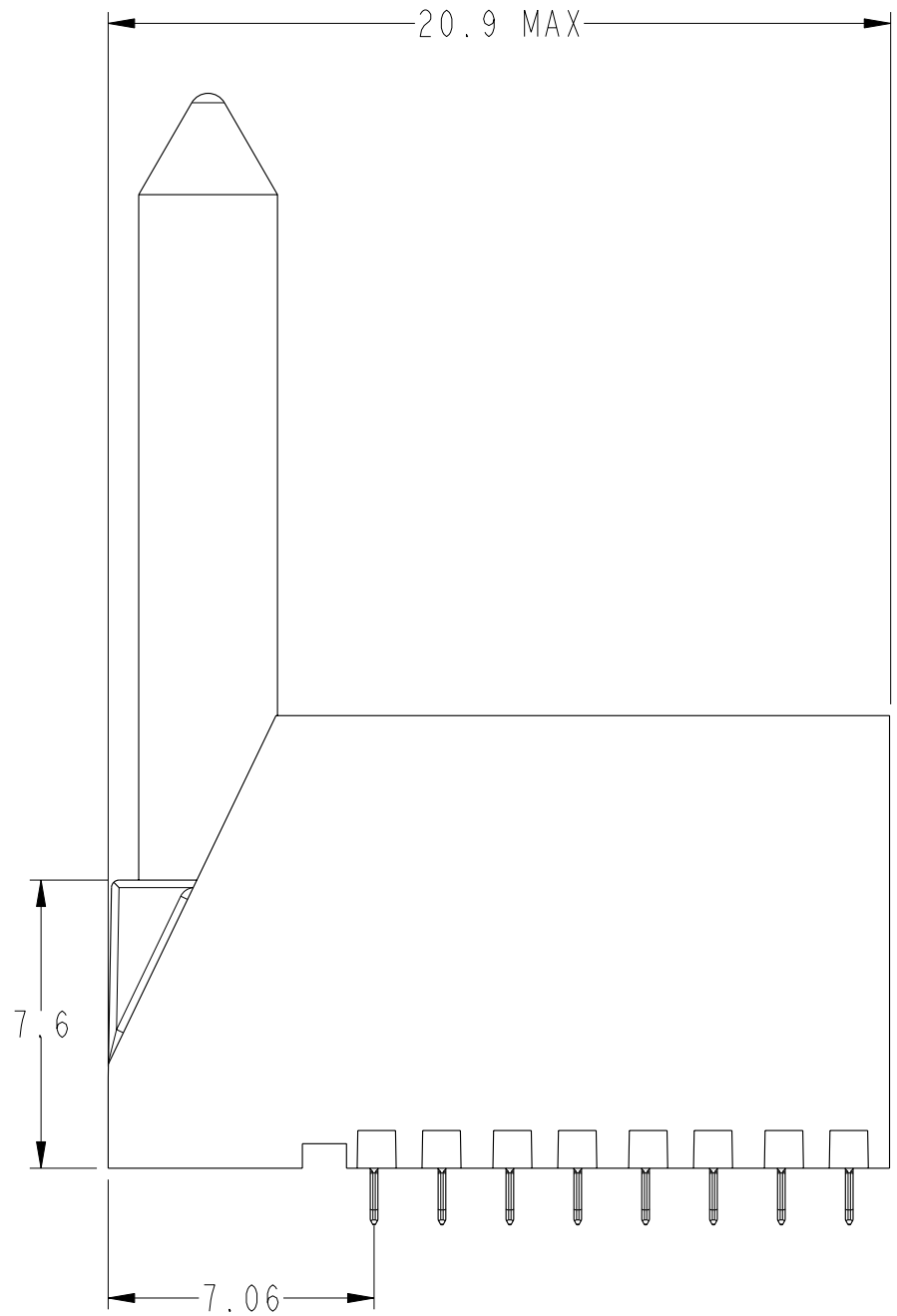


SEE NOTE 5



SEE DETAIL A
OnSheet 8 For Details

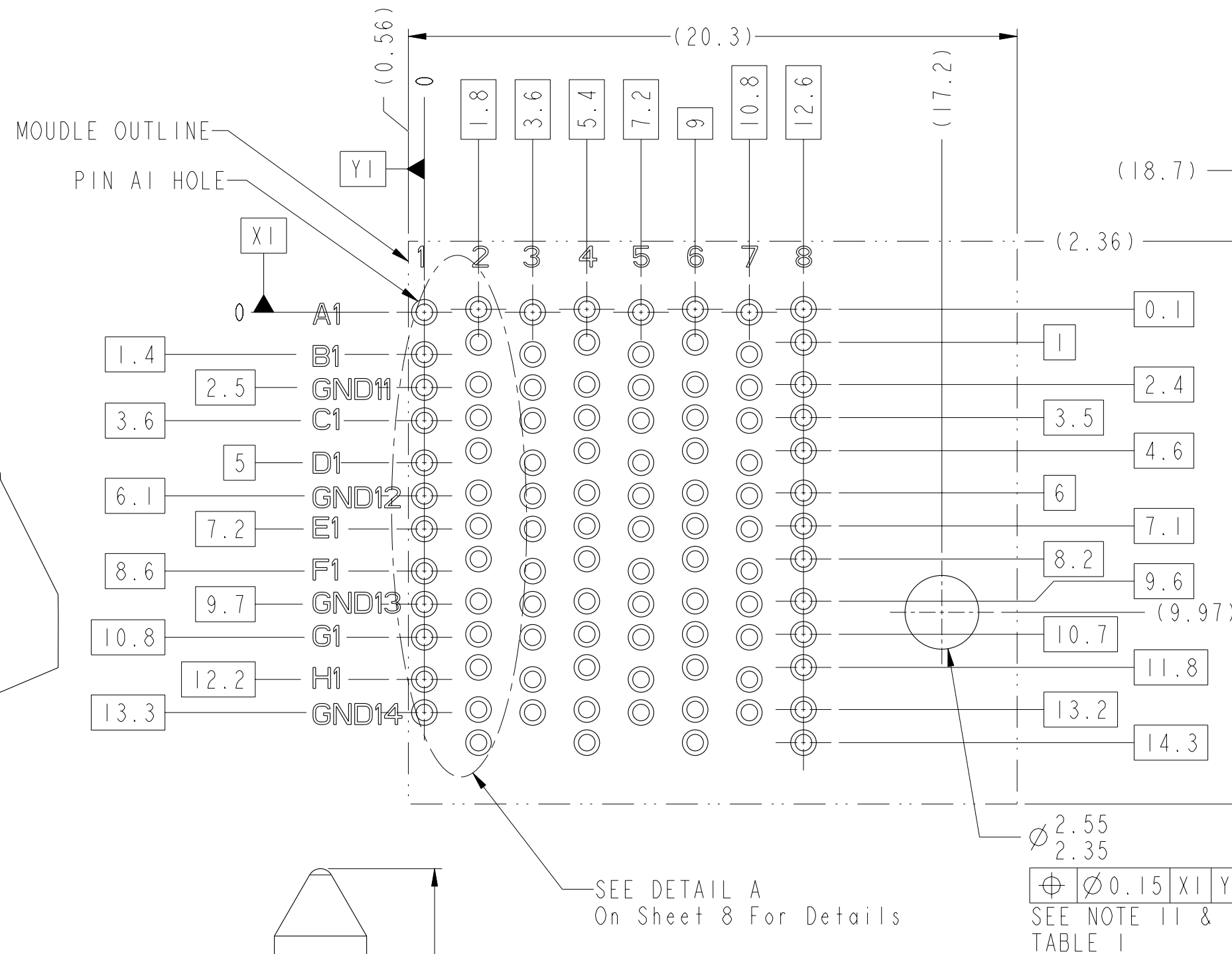
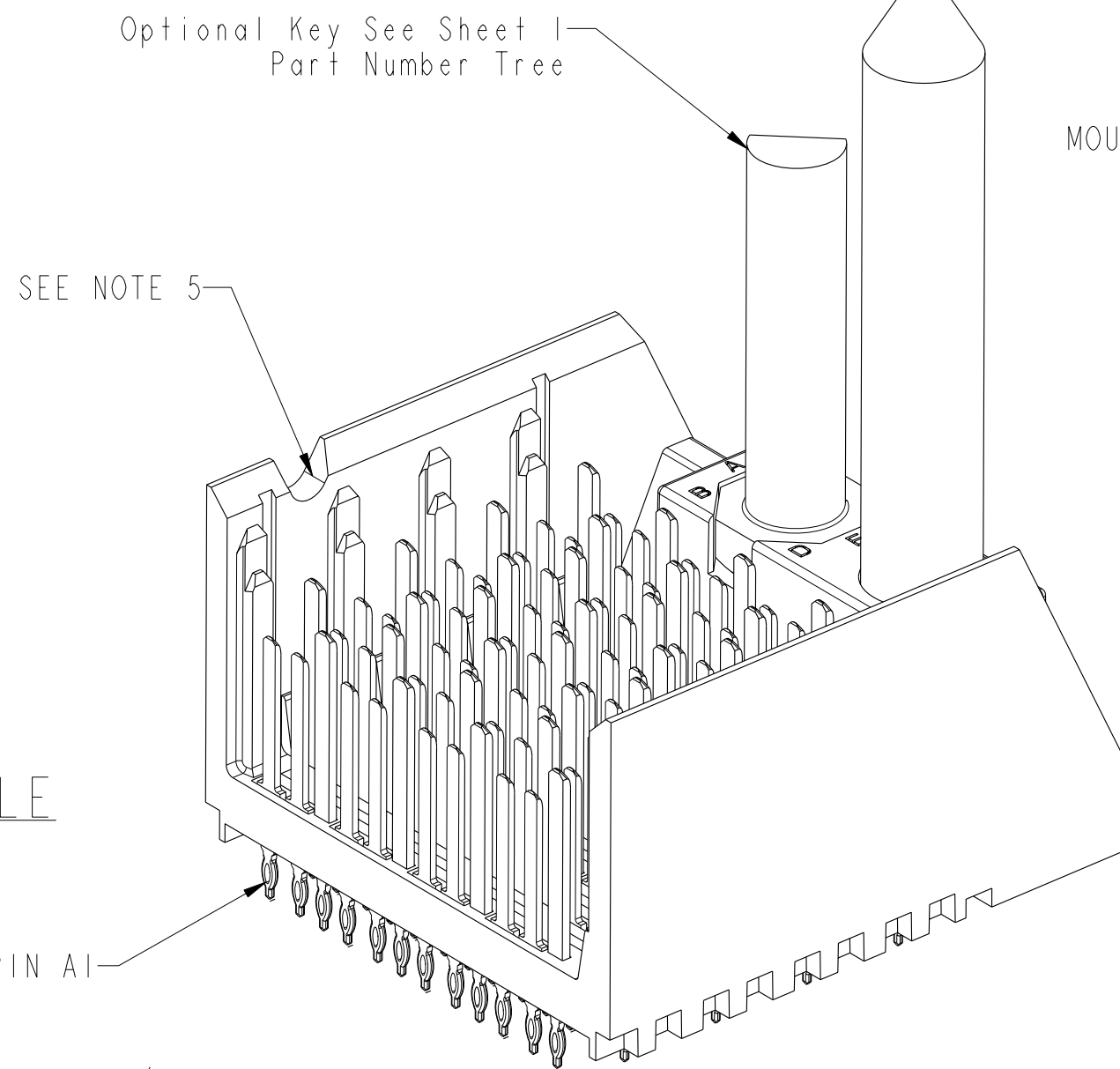
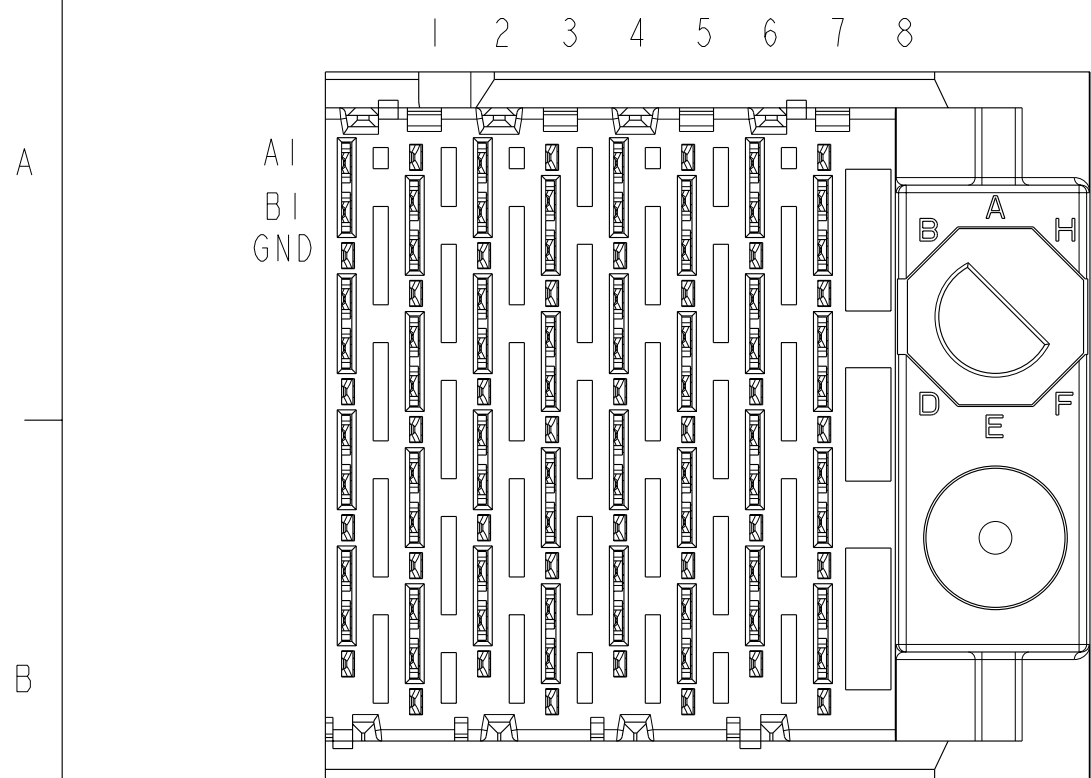
BP HOLE PATTERN COMPONENT SIDE
LEFT POLARIZING GUIDE MODULE
BACKPLANE FOOTPRINT



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

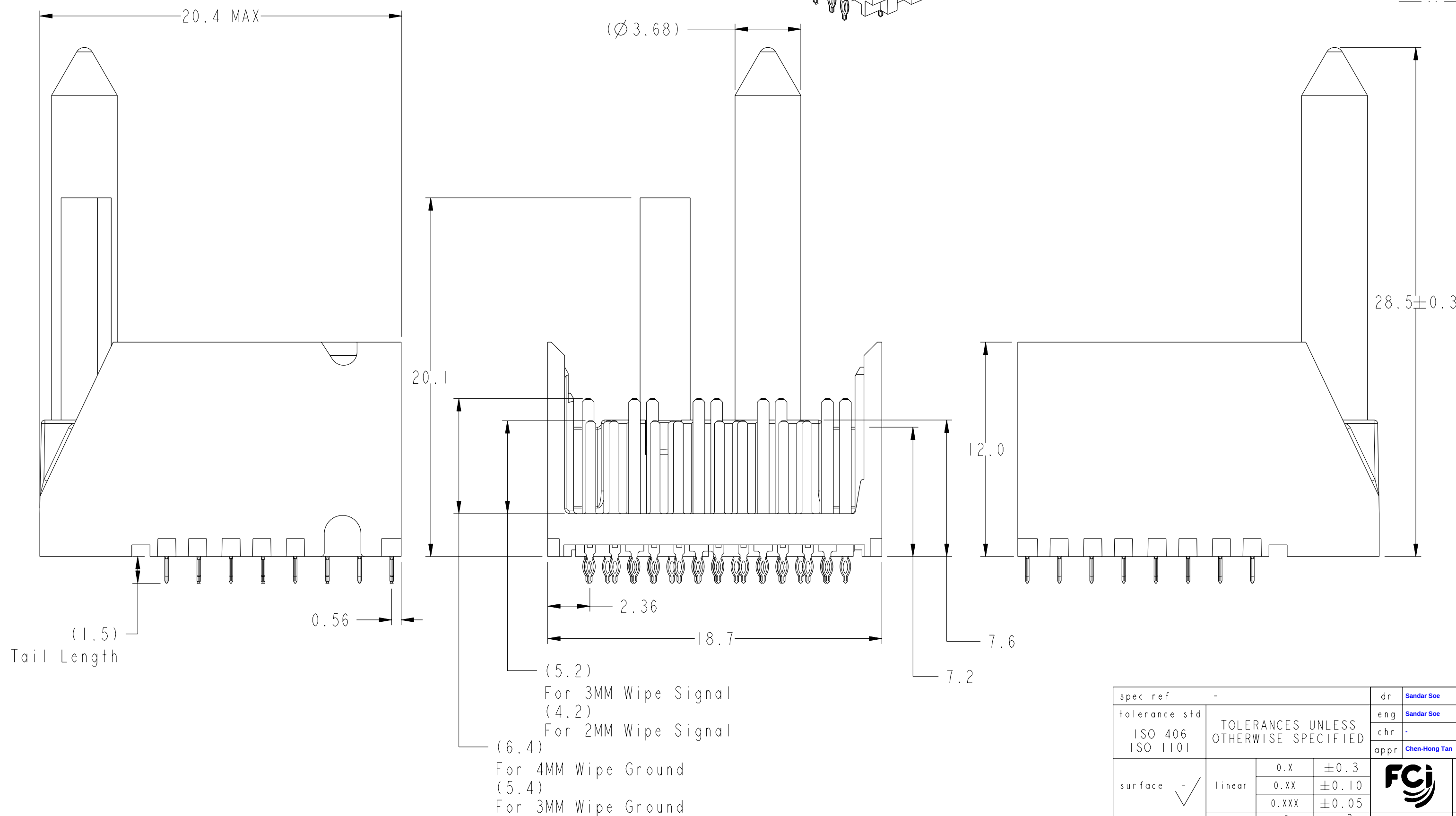
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tolerance std				eng		Sander Soe		2015/10/30						ecn no		ELX-S-18192-1					
ISO 406 ISO 1101		TOLERANCES UNLESS OTHERWISE SPECIFIED		chr		-		-						rel level		Released					
				appr		Chen-Hong Tan		2015/11/02		product family		-									
surface		- / ✓		linear				title		MODULE ASSEMBLY, XCEDE HD		dwg no		10130104		rev		B			
								Veritcal Header, 4 Pair 8 Column													
ISO 1302				angular				0° ±2°		www.fci.com		cat. no.		-		Product - Customer Drw		sheet 6 of 8			

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FCI



RIGHT POLARIZING/GUIDE MOUDLE

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



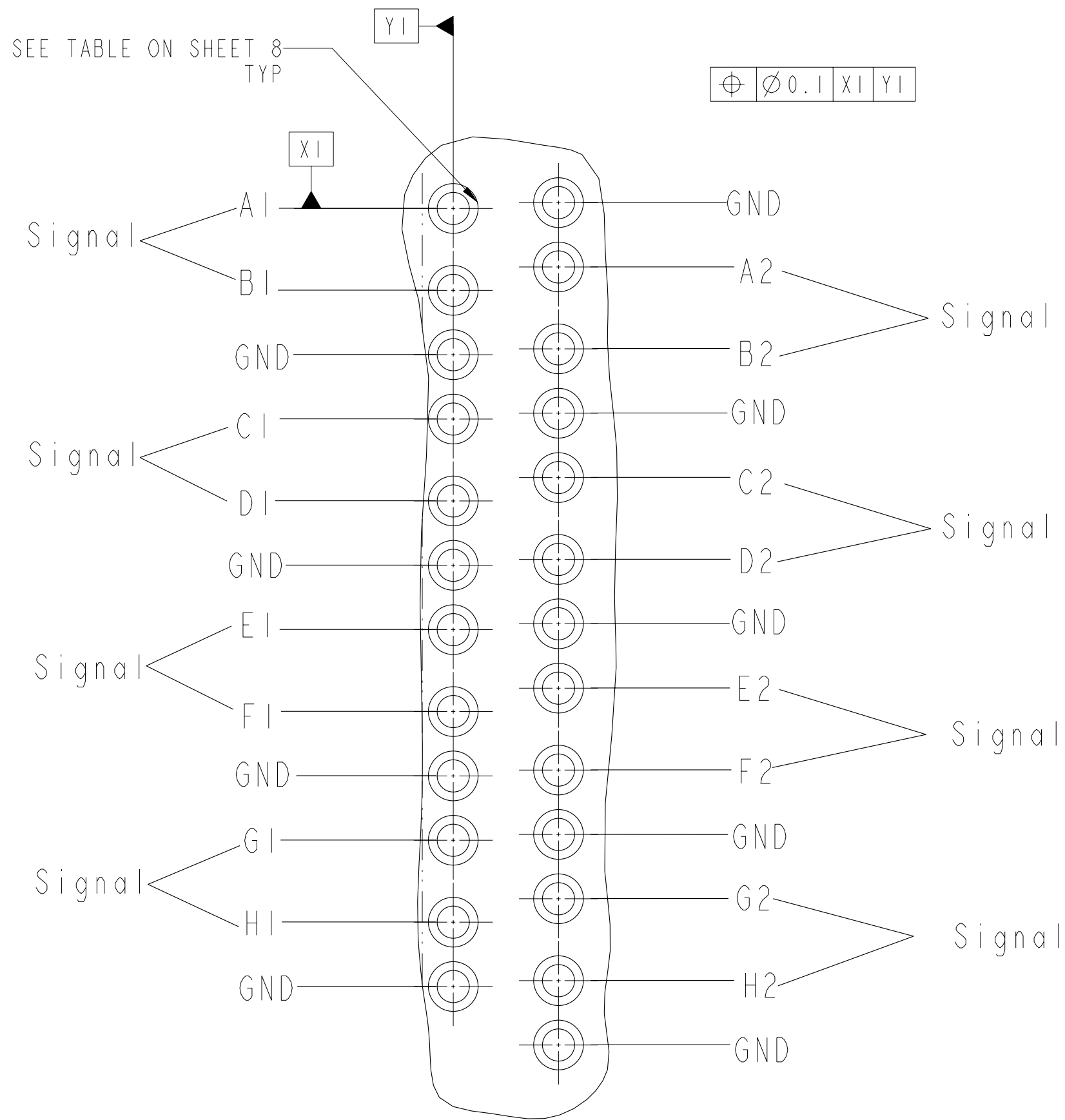
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surface	ISO 1302	appr	Chen-Hong Tan	2015/11/02	product family	-	cat. no.	Product - Customer Drw	sheet 7 of 8	rev
linear	0.X ±0.3 0.XX ±0.10 0.XXX ±0.05	angular	0° ±2°	title MODULE ASSEMBLY, XCEDE HD Vertical Header, 4 Pair 8 Column dwg no 10130104 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	$\varnothing 0.85$	$\varnothing 0.75$



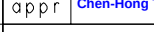
DETAIL A
SCALE 12:1

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											
chr				-		-		rel level						Released													
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

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