



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)										

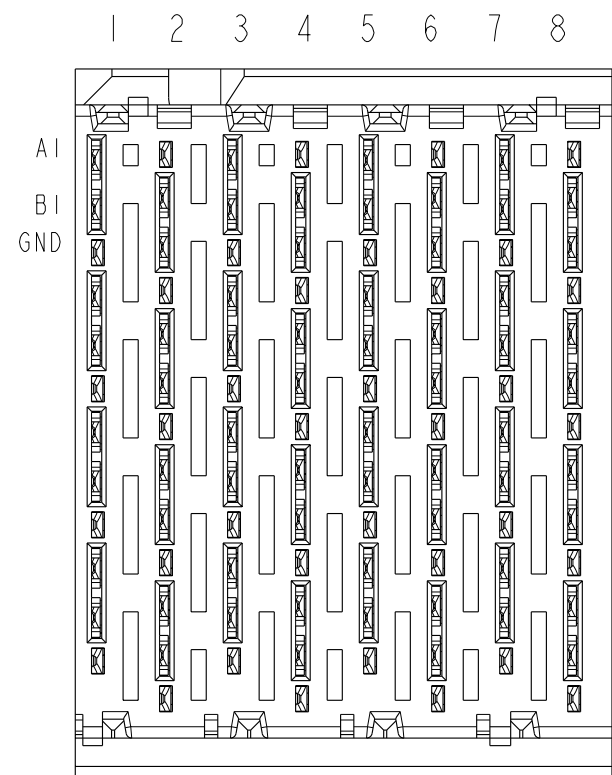
NUMBER	CONTACT MATING WIPE LENGTH		COMPLIANT TAIL TYPE (SEE NOTE 9)
	SIGNAL	GROUND	
1	2 MM	4 MM	0.55 (0.0217") DRILL
2	3 MM	4 MM	0.55 (0.0217") DRILL
3	2 MM	4 MM	0.45 MICRO (0.0177") DRILL
4	3 MM	4 MM	0.45 MICRO (0.0177") DRILL
5	2 MM	3 MM	0.55 (0.0217") DRILL
6	3 MM	3 MM	0.55 (0.0217") DRILL
7	2 MM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

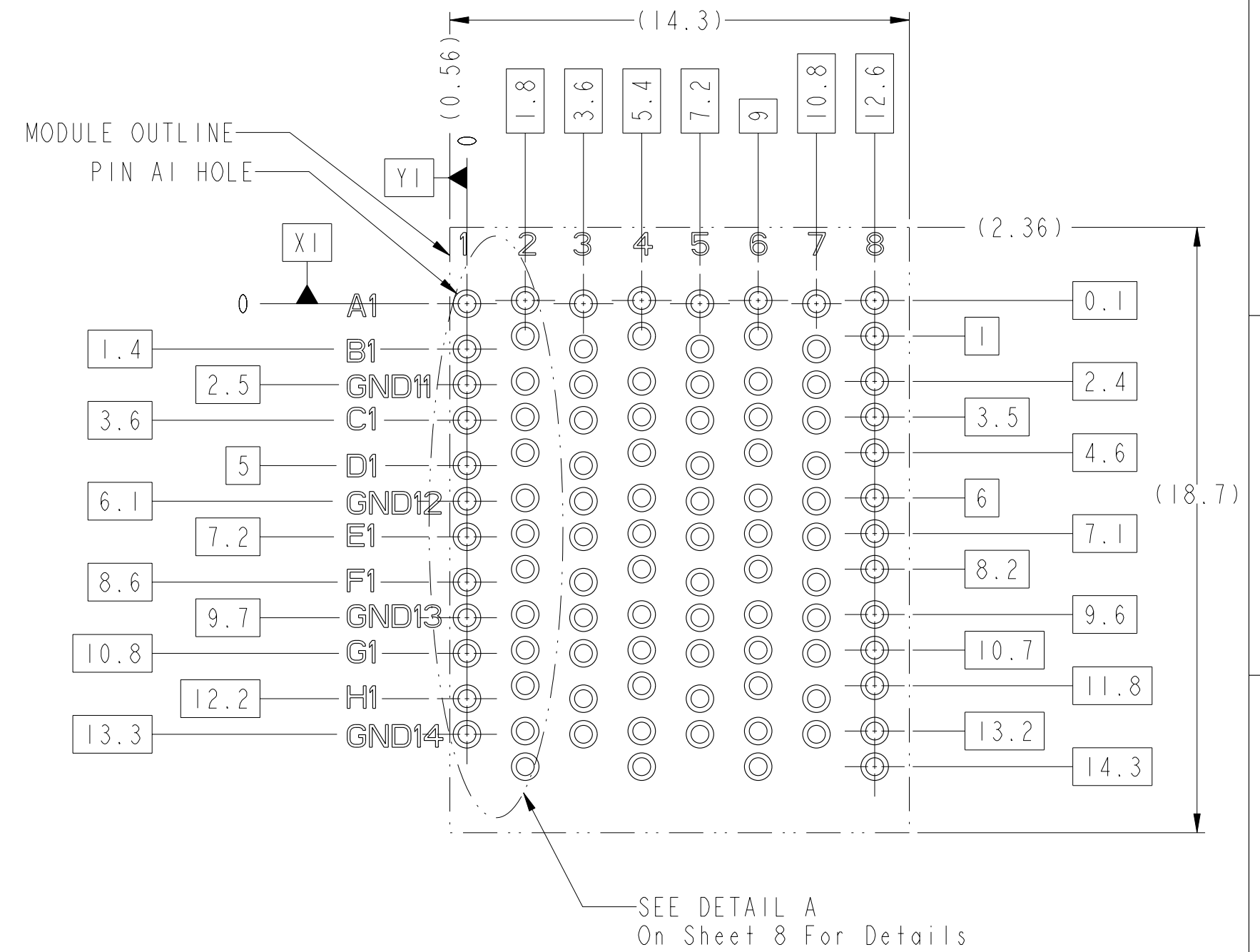
spec ref -			
tolerance std	ISO 406	TOLERANCES UNLESS OTHERWISE SPECIFIED	
	ISO 1101		
surface	linear	0.X	±0.3
		0.XX	±0.10
		0.XXX	±0.05
	ISO 1302	angular	0° ±2°

dr	Sander Soe	2014/05/16	projection	mm	size	A2	scale	1:1	
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		
	title	MODULE ASSEMBLY, XCEDE HD Veritcal Header, 4 Pair 8 Column			dwg no	10130104		rev	
www.fci.com	cat. no.	-	Product - Customer Drw				sheet 1 of 8		

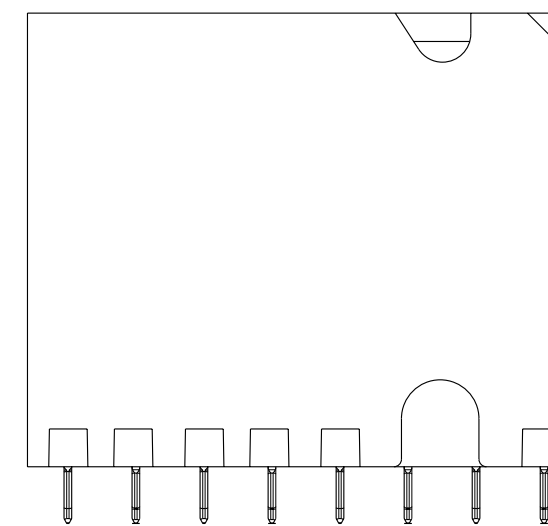
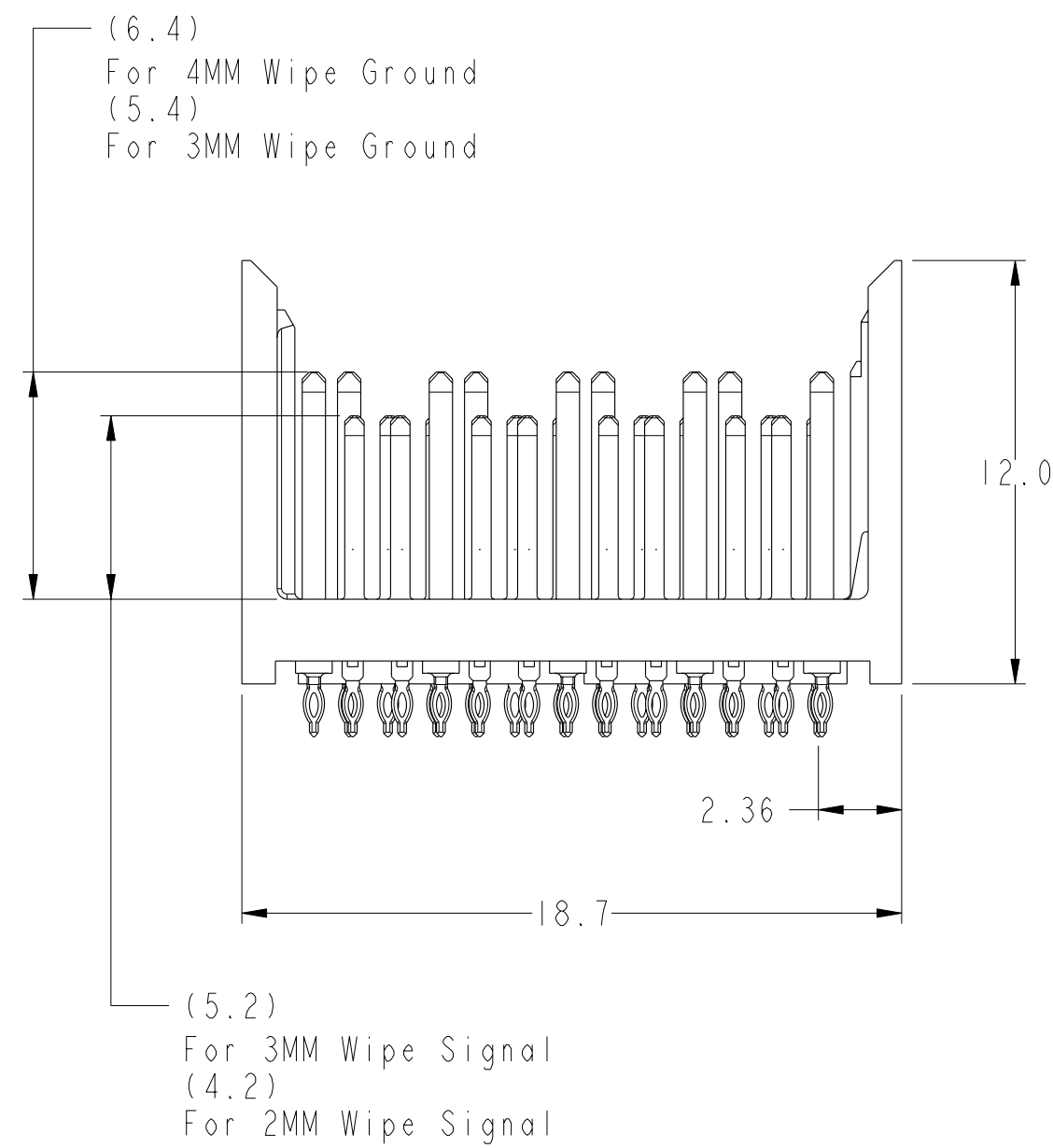
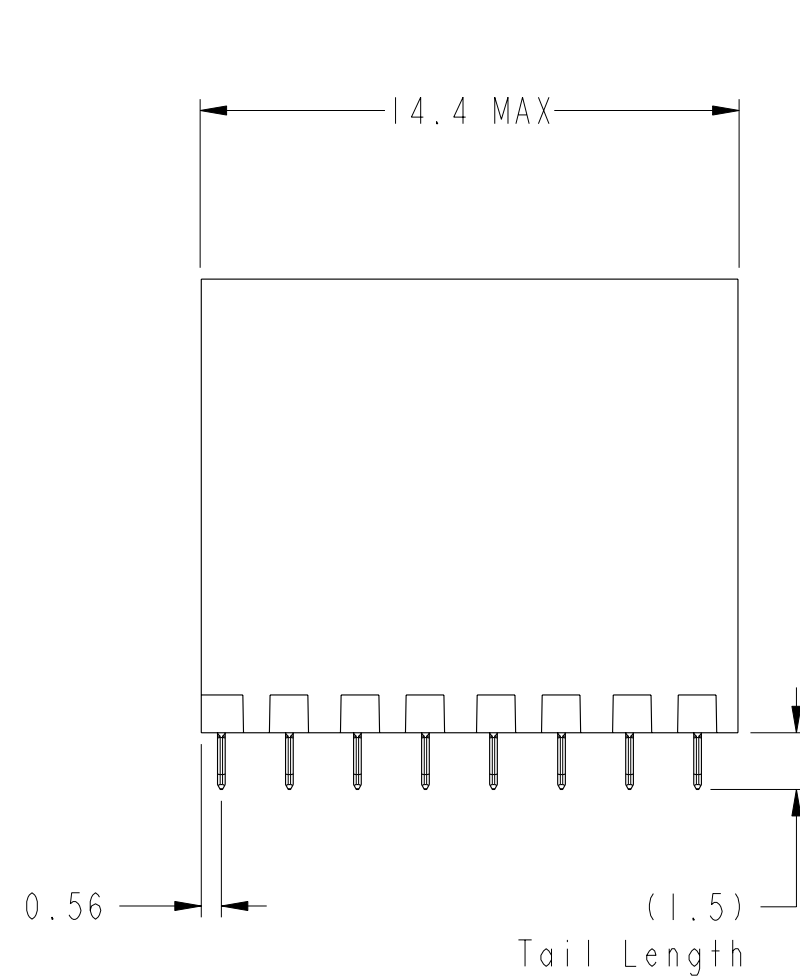


SEE NOTE 5

PIN AI



SEE DETAIL A
On Sheet 8 For Details

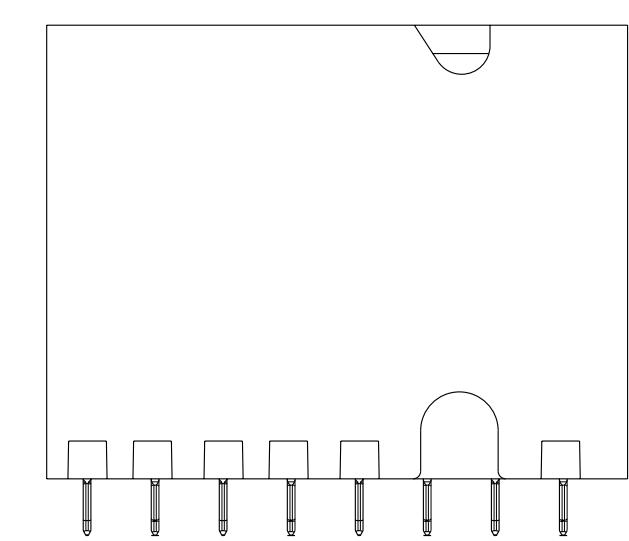
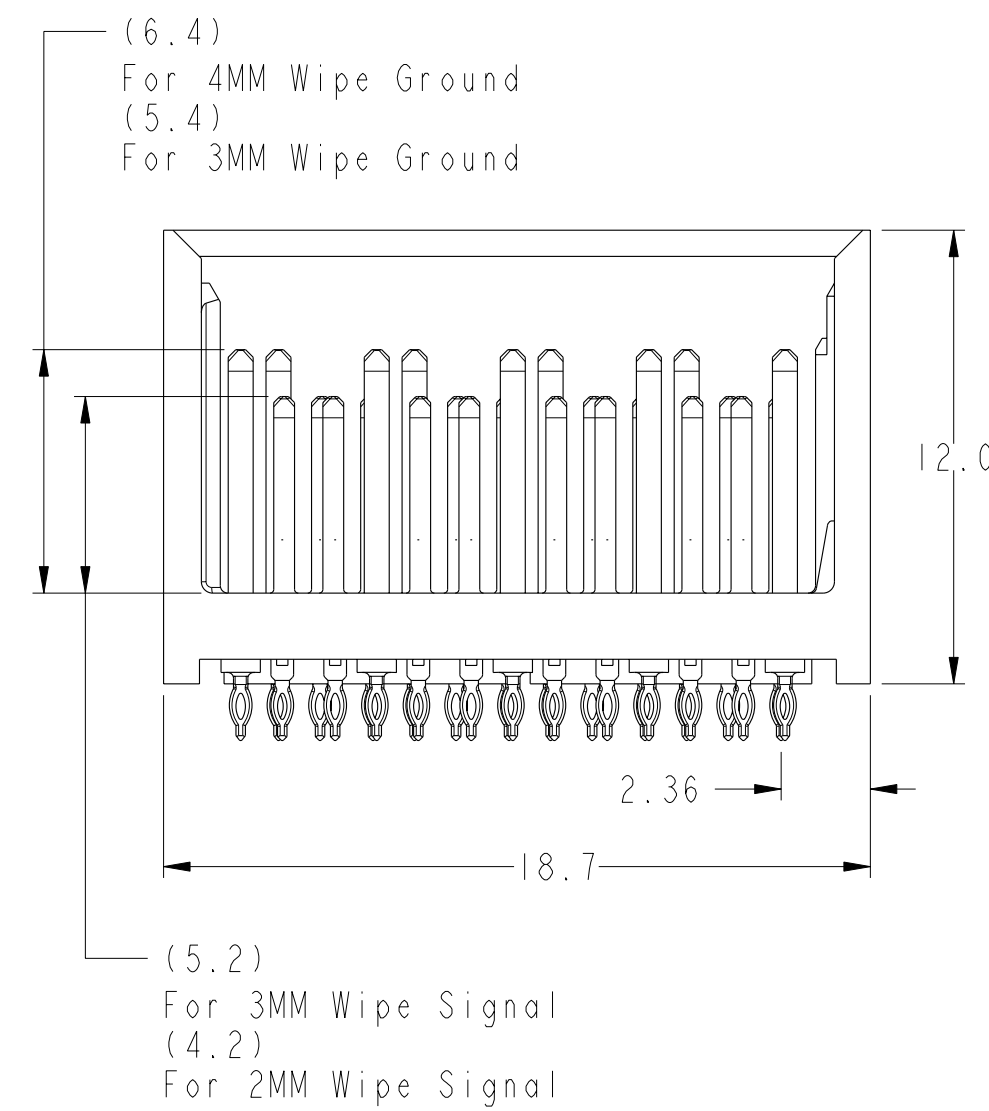
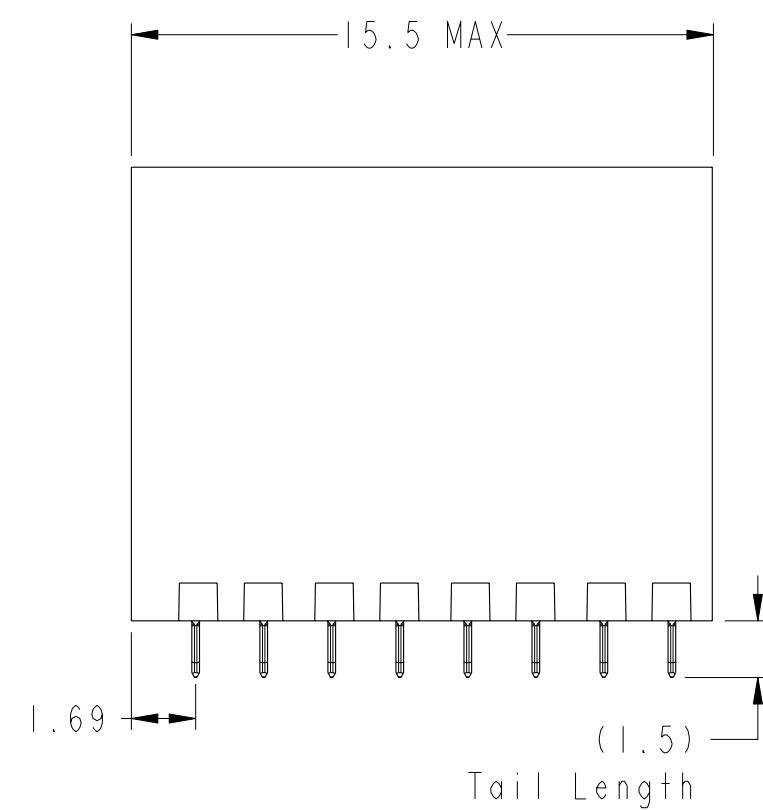
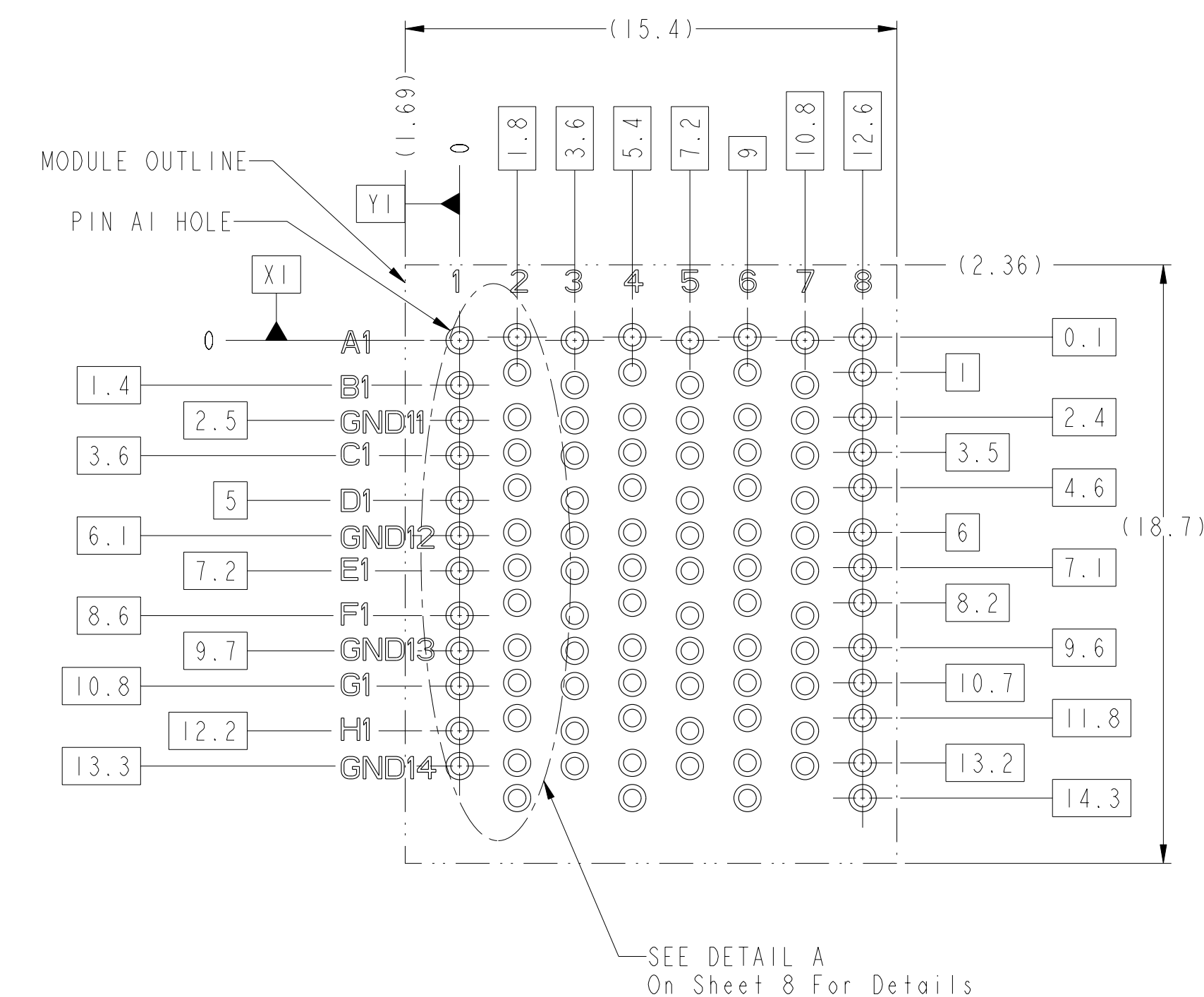
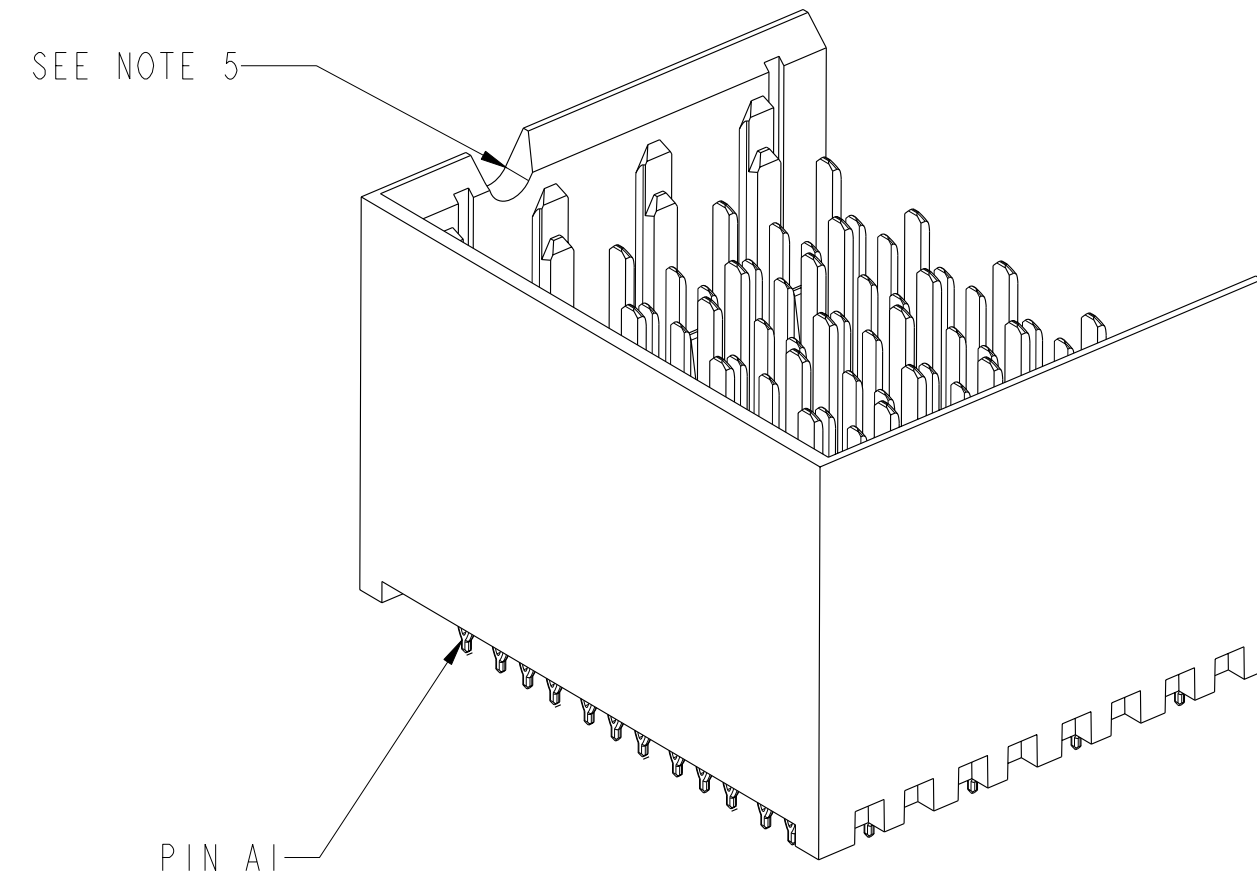
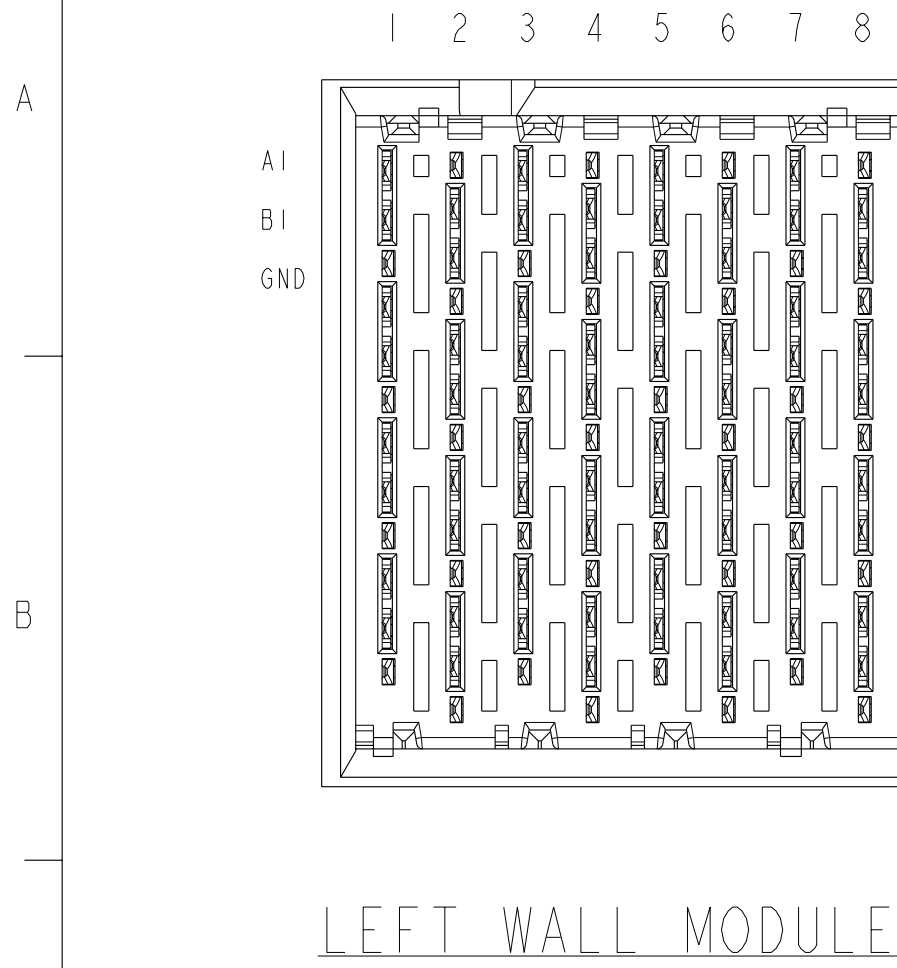


spec ref	-	dr	Sander Soe	2014/05/16	projection	mm	size	A2	scale	1:1
tolerance std	ISO 406 ISO 1101	eng	Sander Soe	2015/10/30	chr	-	ecn no	ELX-S-18192-1	rel level	Released
surface	ISO 1302	appr	Chen-Hong Tan	2015/11/02	product family	-	cat. no.	Product - Customer Drw	sheet 2 of 8	rev
linear	0.X 0.XX 0.XXX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

PDS: Rev :B

STATUS:Released

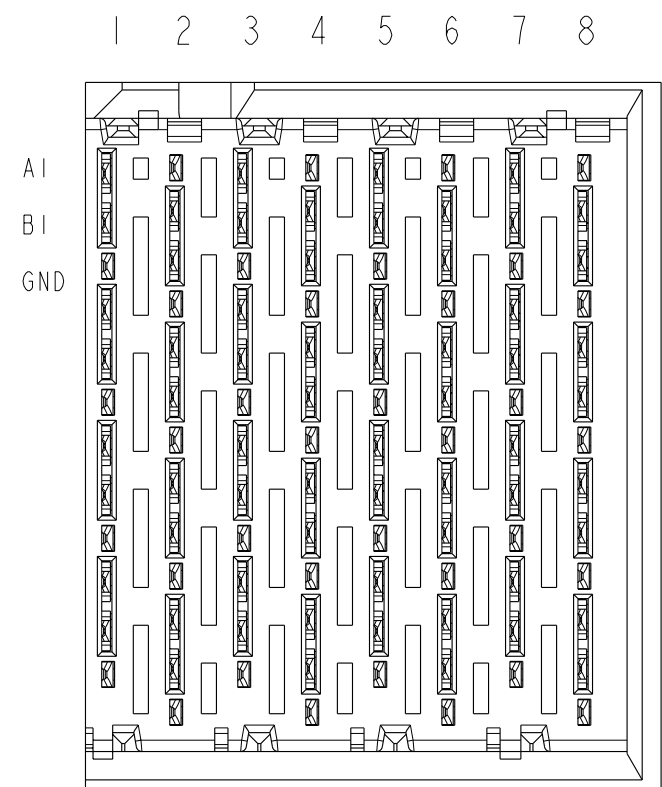
Printed: Nov 03, 2015



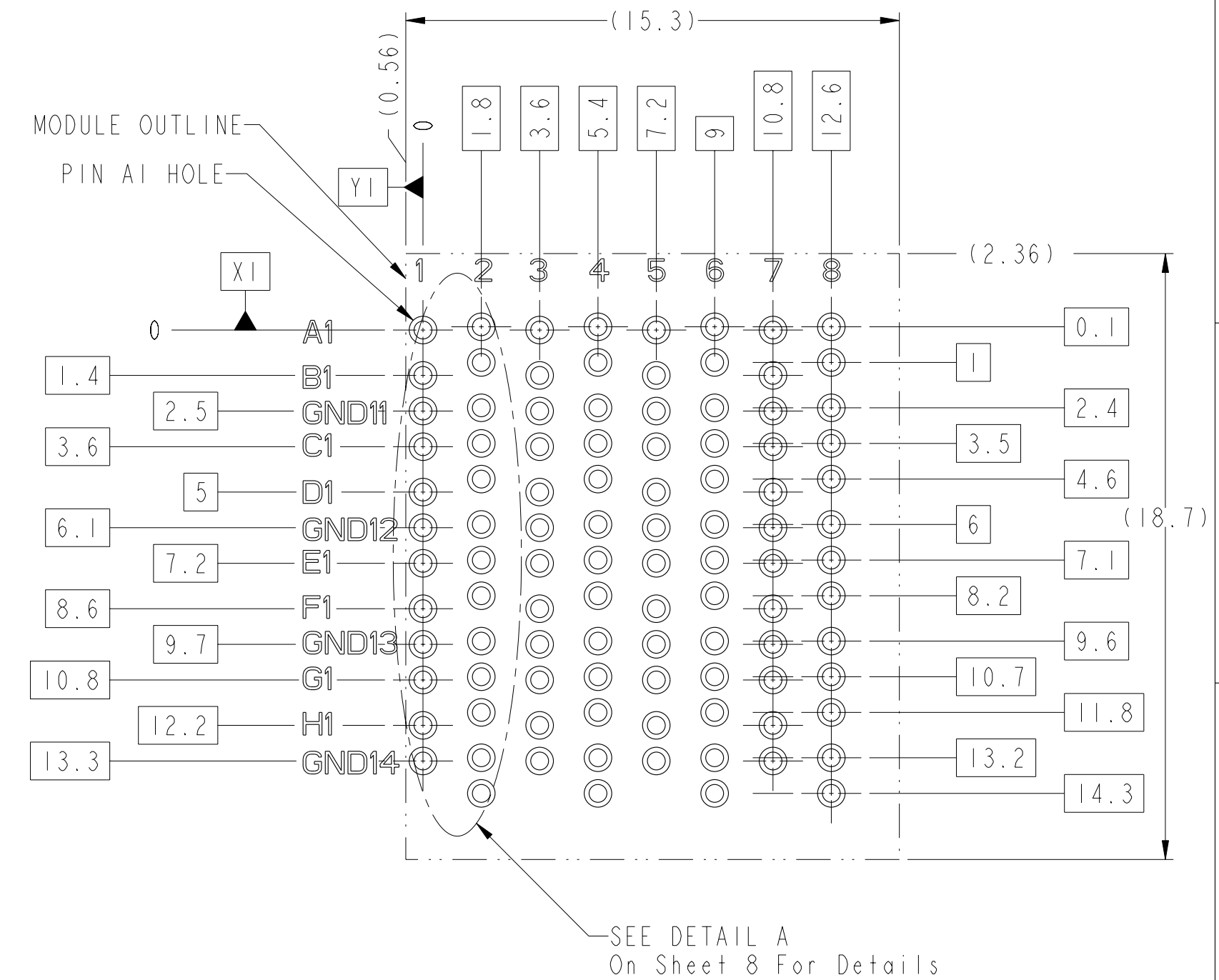
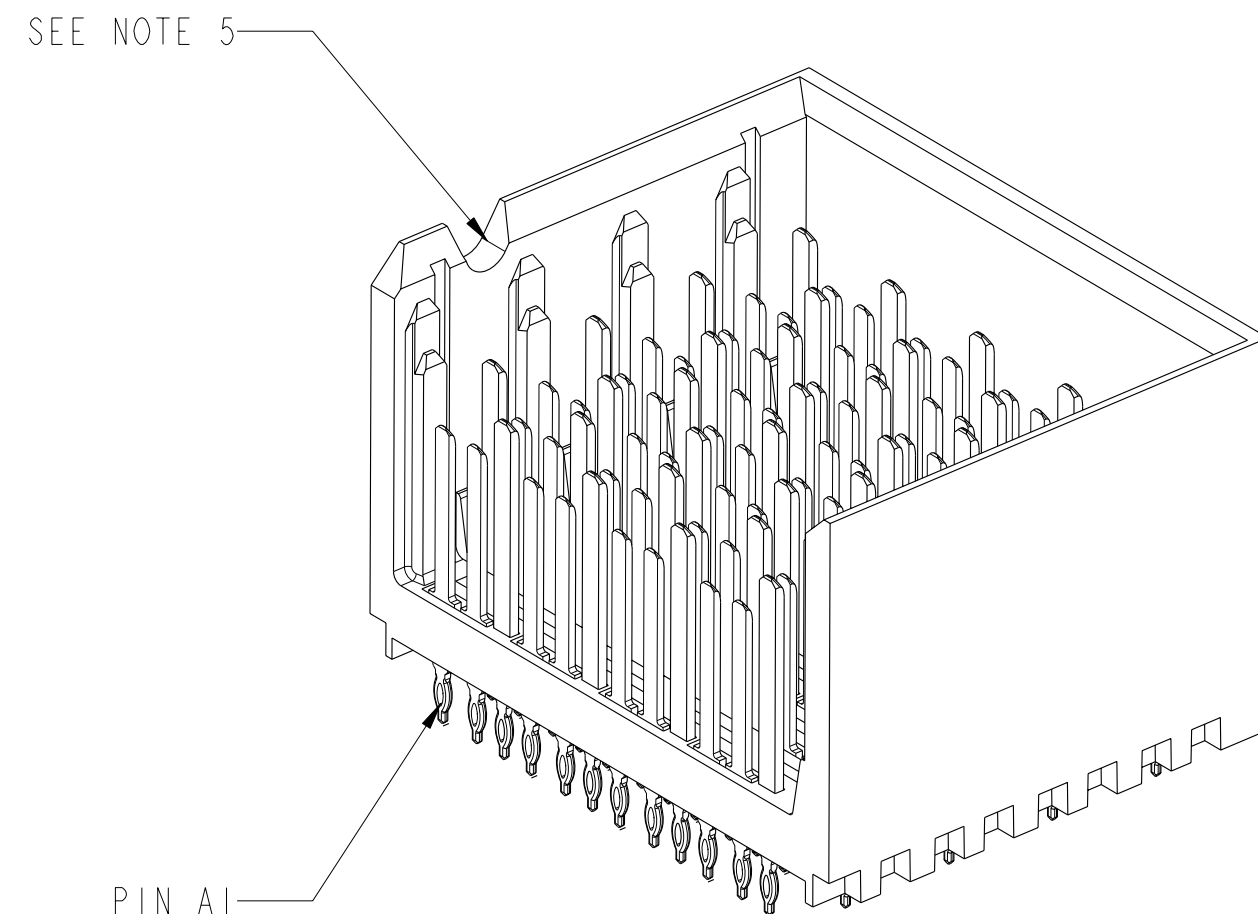
BP HOLE PATTERN COMPONENT SIDE

LEFT WALL MODULE BACKPLANE FOOTPRINT

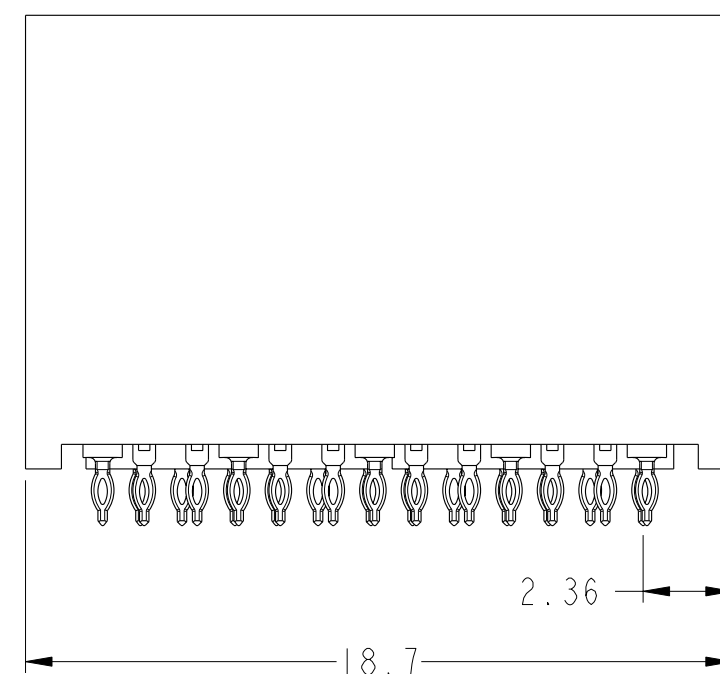
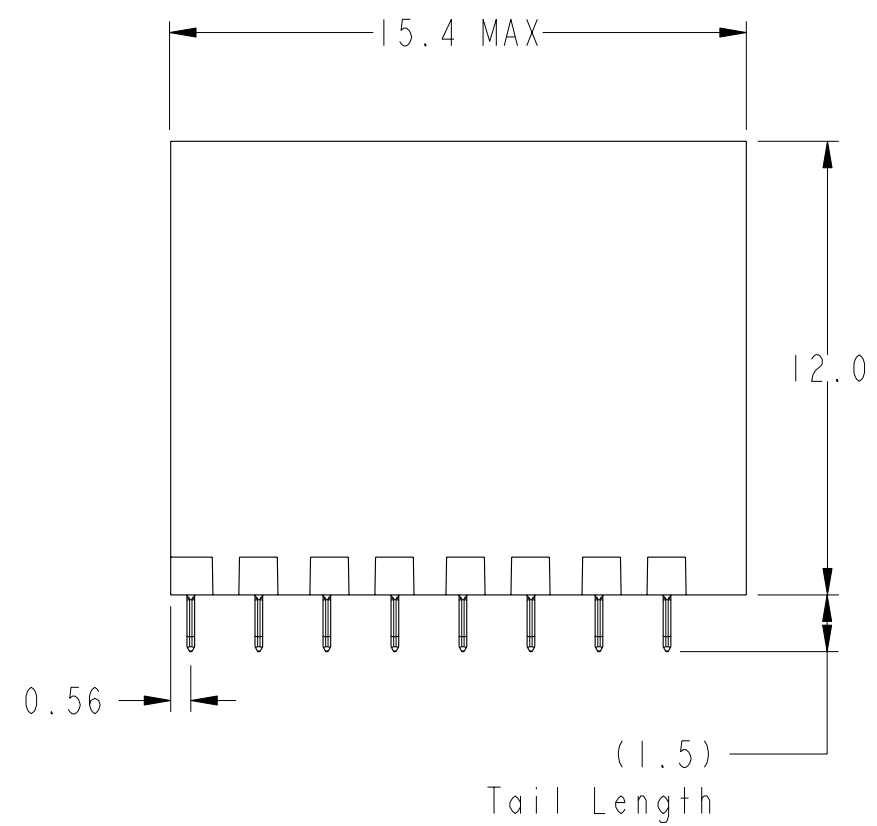
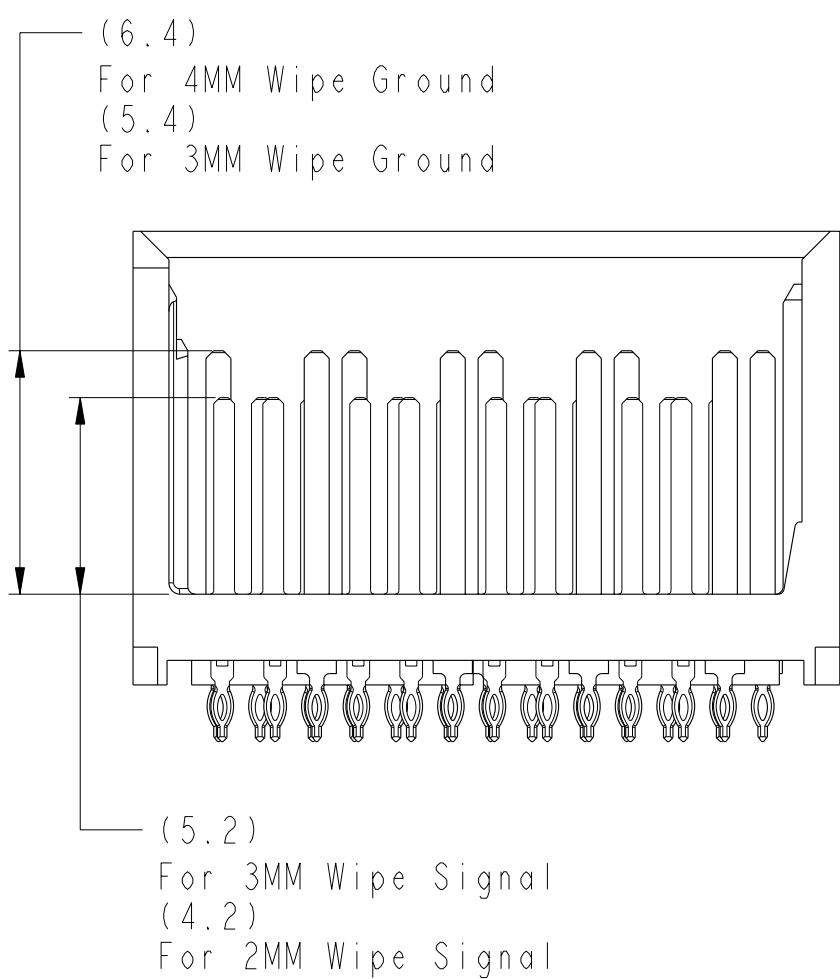
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tolerance std	ISO 406 ISO 1101	eng	Sander Soe	2015/10/30	chr	-	ecn no	ELX-S-18192-1	rel level	Released
surface	ISO 1302	appr	Chen-Hong Tan	2015/11/02	product family	-	cat. no.	-	Product - Customer Drw	sheet 3 of 8
linear	0.X ±0.3 0.XX ±0.10 0.XXX ±0.05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



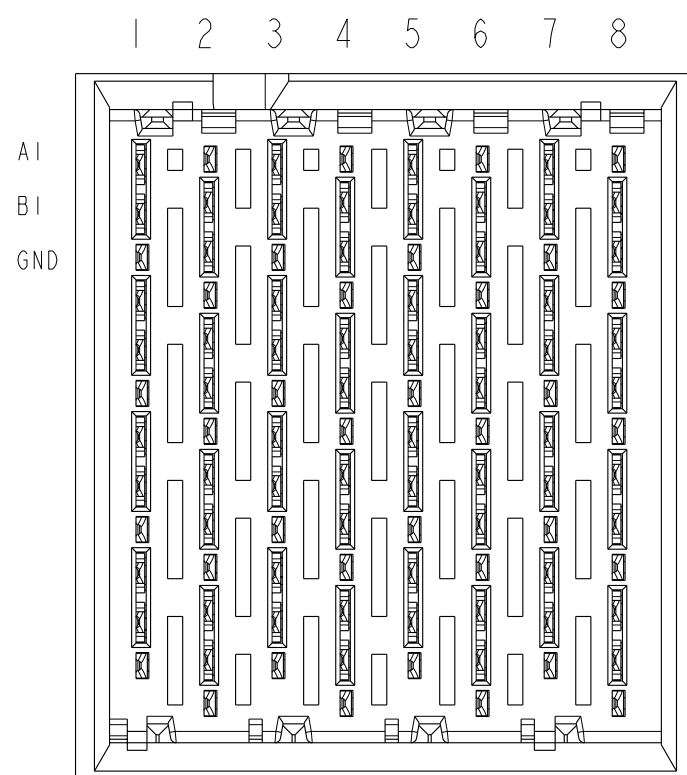
RIGHT WALL MODULE



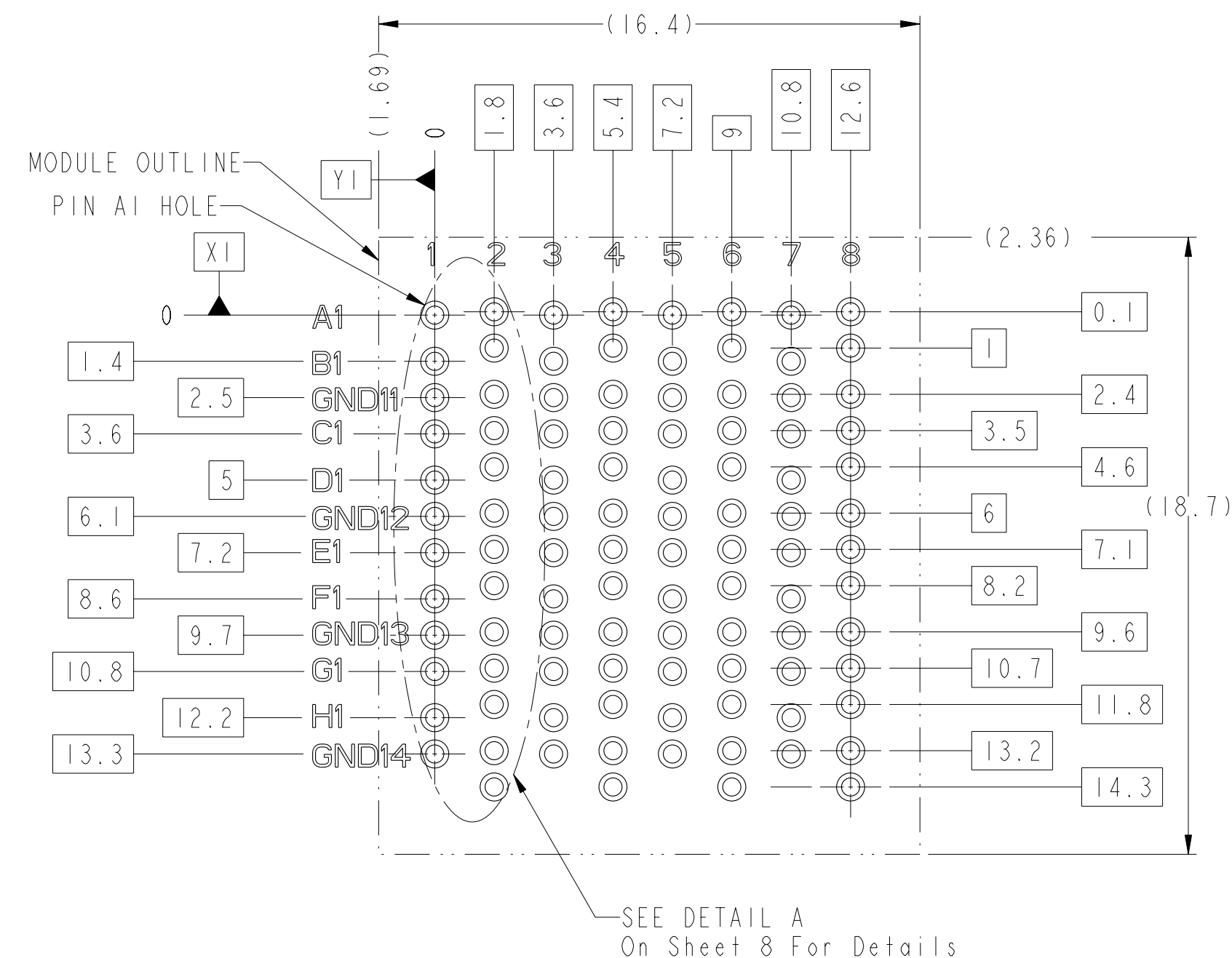
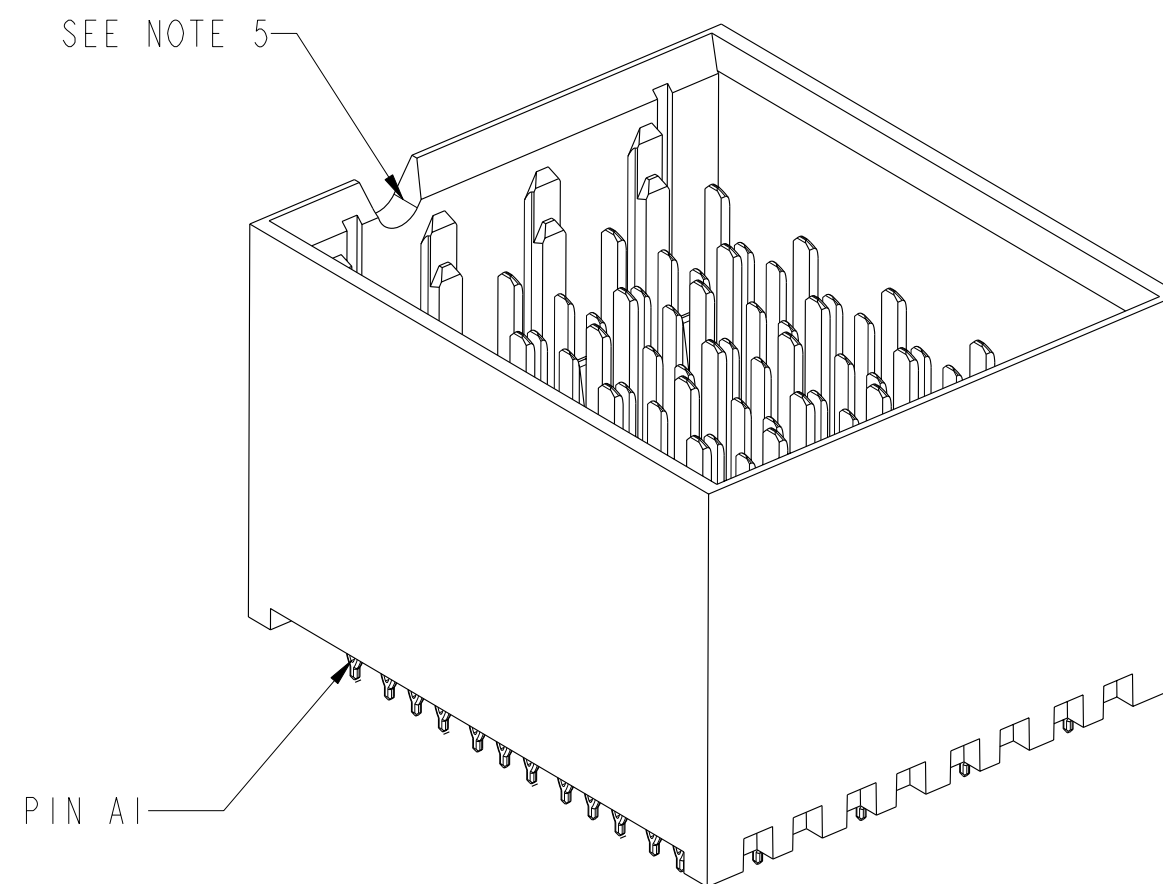
BP HOLE PATTERN COMPONENT SIDE
RIGHT WALL MODULE BACKPLANE FOOTPRINT



spec ref	-	dr	Sander Soe	2014/05/16	projection	mm	size	A2	scale	1:1
tolerance std	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
TOLERANCES UNLESS OTHERWISE SPECIFIED		FCI		MODULE ASSEMBLY, XCEDE HD		10130104		rev		B
linear		0.X		±0.3		0.XX		±0.10		
angular		0°		±2°		0.XXX		±0.05		

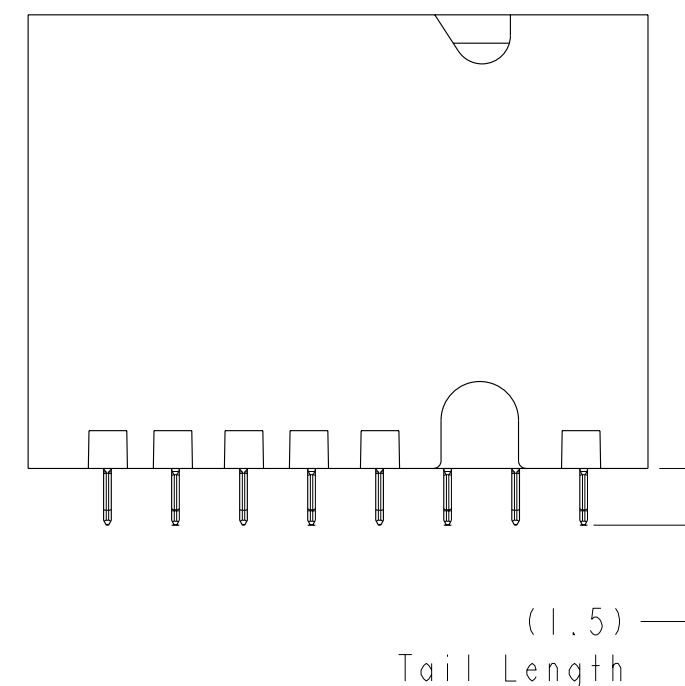
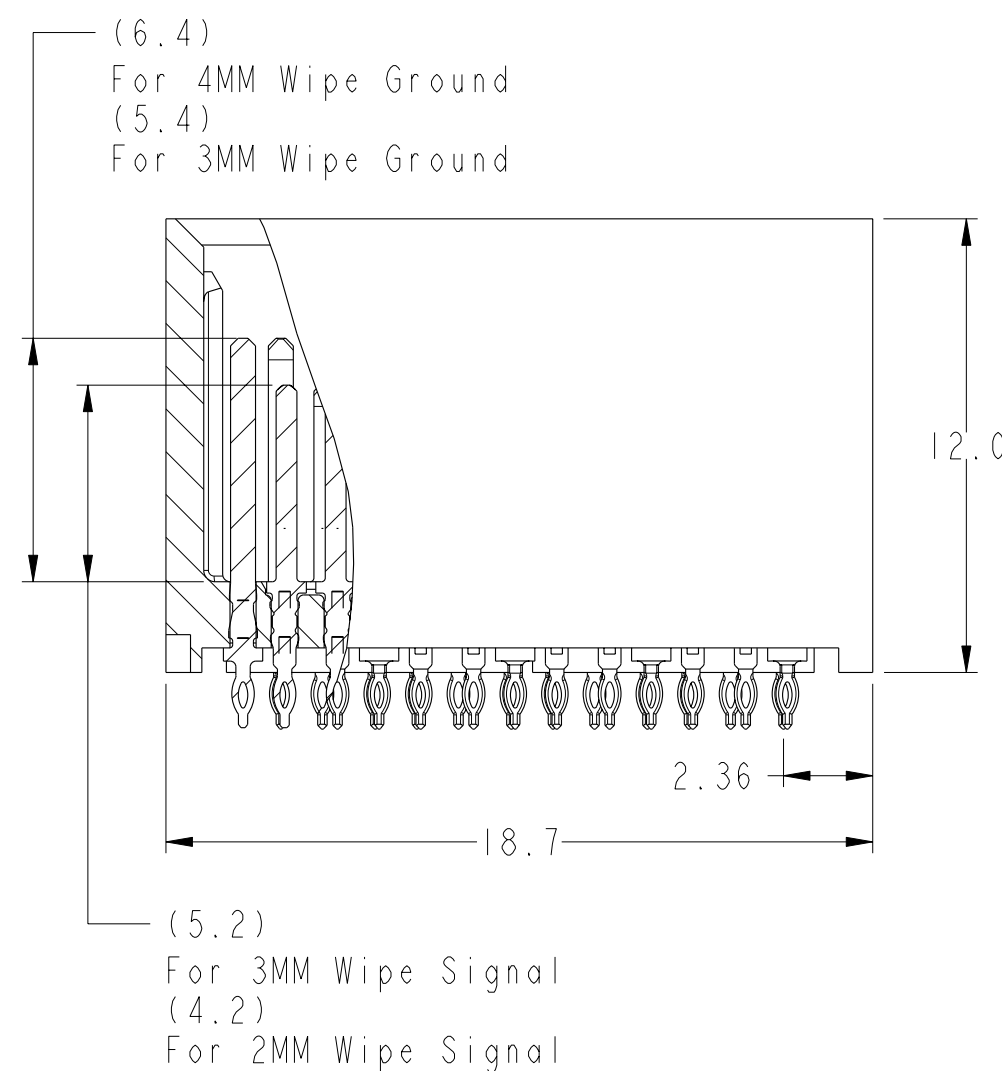
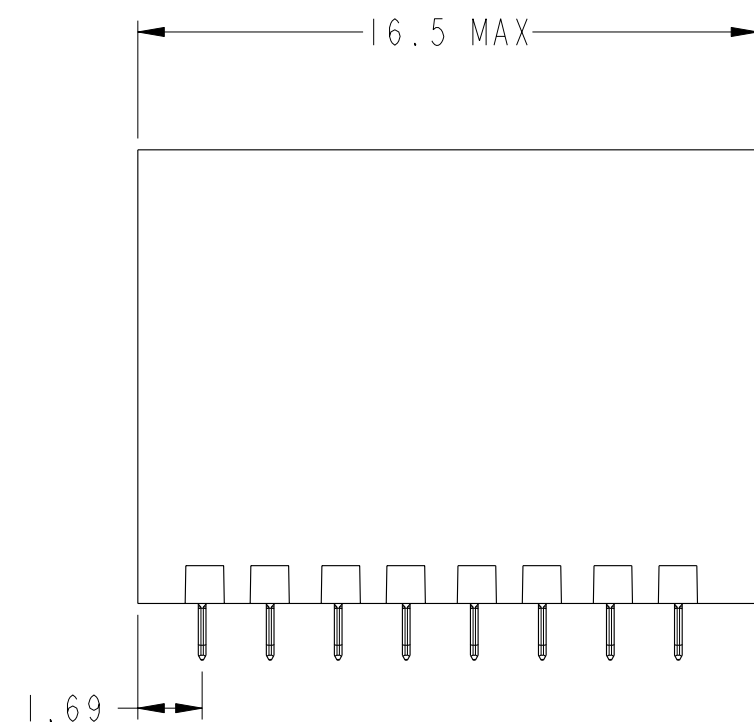


FOUR WALL MODULE



BP HOLE PATTERN COMPONENT SIDE

FOUR WALL MODULE BACKPLANE FOOTPRINT



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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	rev
linear	0.X 0.XX 0.XXX	±0.3 ±0.10 ±0.05	angular	0°	±2°	www.fci.com	title	MODULE ASSEMBLY, XCEDE HD Veritcal Header, 4 Pair 8 Column	dwg no	10130104
PDS: Rev :B										STATUS:Released
Printed: Nov 03, 2015										rev
B										

A

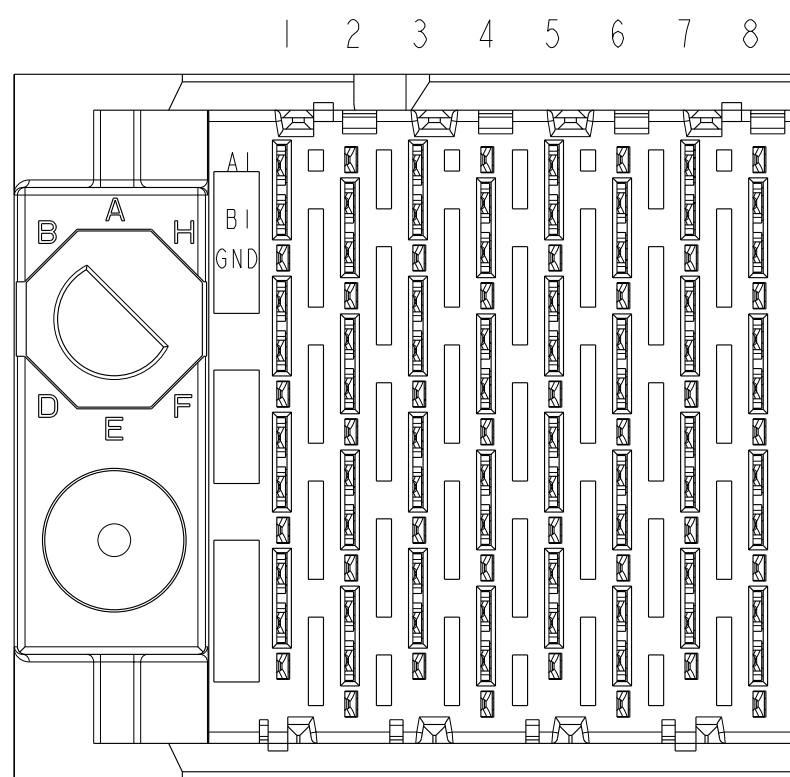
B

C

D

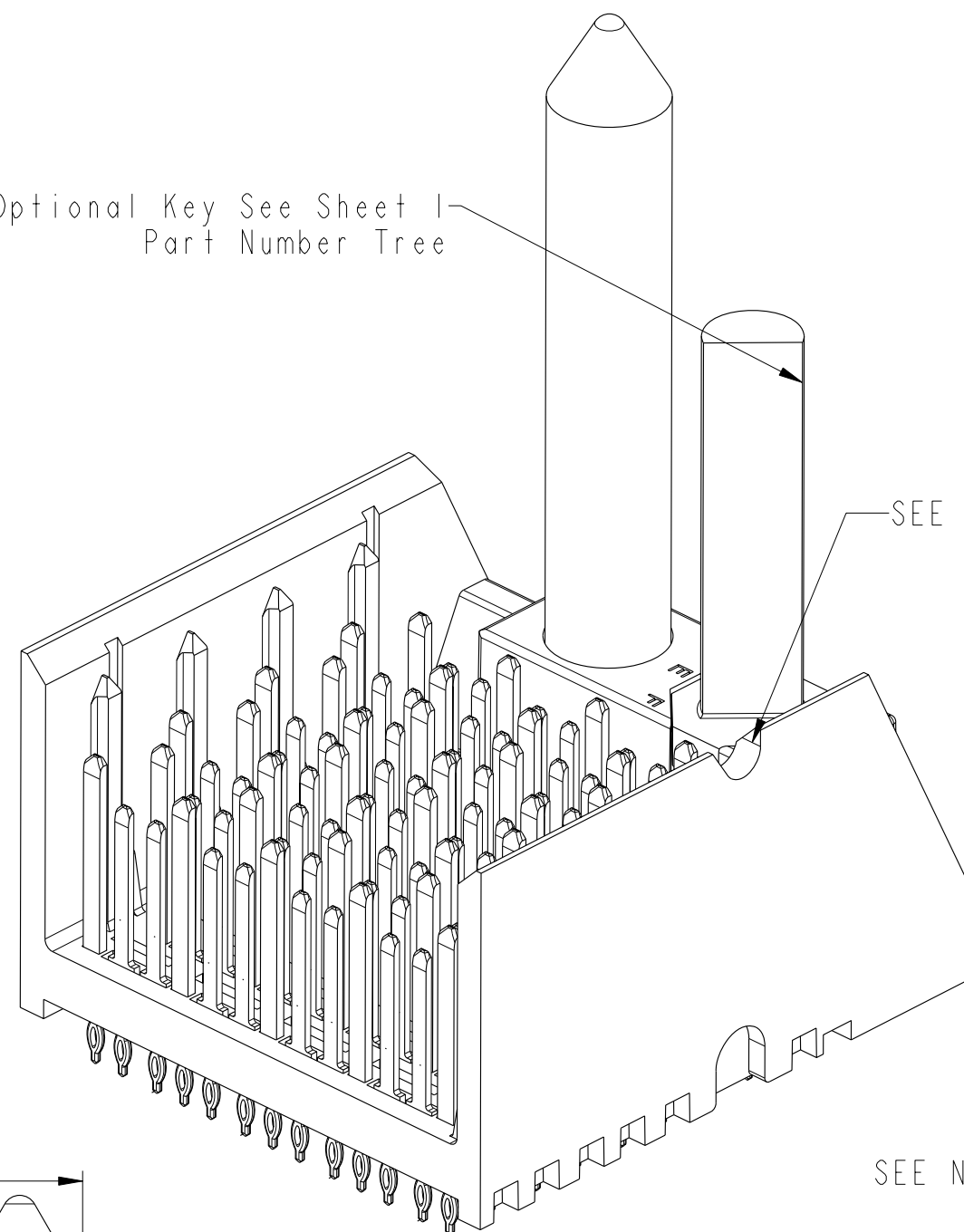
E

F



LEFT POLARIZING/GUIDE MODULE

Optional Key See Sheet I
Part Number Tree



SEE NOTE 5

SEE NOTE 11 & TABLE 1

PIN A1 HOLE

MODULE OUTLINE

0

1.4

3.6

6.1

8.6

9.7

10.8

13.3

2.55

2.35

Ø 0.15

X1

Y1

0

1.4

3.6

6.1

8.6

9.7

10.8

13.3

2.55

2.35

Ø 0.15

X1

Y1

0

1.4

3.6

6.1

8.6

9.7

10.8

13.3

2.55

2.35

Ø 0.15

X1

Y1

0

1.4

3.6

6.1

8.6

9.7

10.8

13.3

2.55

2.35

Ø 0.15

X1

Y1

0

1.4

3.6

6.1

8.6

9.7

10.8

13.3

2.55

2.35

Ø 0.15

X1

Y1

0

1.4

3.6

6.1

8.6

9.7

10.8

13.3

2.55

2.35

Ø 0.15

X1

Y1

0

1.4

3.6

6.1

8.6

9.7

10.8

13.3

2.55

2.35

Ø 0.15

X1

Y1

0

1.4

3.6

6.1

8.6

9.7

10.8

13.3

2.55

2.35

Ø 0.15

X1

Y1

0

1.4

3.6

6.1

8.6

9.7

10.8

13.3

2.55

2.35

Ø 0.15

X1

Y1

0

1.4

3.6

6.1

8.6

9.7

10.8

13.3

2.55

2.35

Ø 0.15

X1

Y1

0

1.4

3.6

6.1

8.6

9.7

10.8

13.3

2.55

2.35

Ø 0.15

X1

Y1

0

1.4

3.6

6.1

8.6

9.7

10.8

13.3

2.55

2.35

Ø 0.15

X1

Y1

0

1.4

3.6

6.1

8.6

9.7

10.8

13.3

2.55

2.35

Ø 0.15

X1

Y1

0

1.4

3.6

6.1

8.6

9.7

10.8

13.3

2.55

2.35

Ø 0.15

X1

Y1

0

1.4

3.6

6.1

8.6

9.7

10.8

13.3

2.55

2.35

Ø 0.15

X1

Y1

0

1.4

3.6

6.1

8.6

9.7

10.8

13.3

2.55

2.35

Ø 0.15

X1

Y1

0

1.4

3.6

6.1

8.6

9.7

10.8

13.3

2.55

2.35

Ø 0.15

X1

Y1

0

1.4

3.6

6.1

8.6

9.7

10.8

13.3

2.55

2.35

Ø 0.15

X1

Y1

0

1.4

3.6

6.1

8.6

9.7

10.8

13.3

2.55

2.35

Ø 0.15

X1

Y1

0

1.4

3.6

6.1

8.6

9.7

10.8

13.3

2.55

2.35

Ø 0.15

X1

Y1

0

1.4

3.6

6.1

8.6

9.7

10.8

13.3

2.55

2.35

Ø 0.15

X1

Y1

0

1.4

3.6

6.1

8.6

9.7

10.8

13.3

2.55

2.35

Ø 0.15

X1

Y1

0

1.4

3.6

6.1

8.6

9.7

10.8

13.3

2.55

2.35

Ø 0.15

X1

Y1

0

1.4

3.6

6.1

8.6

9.7

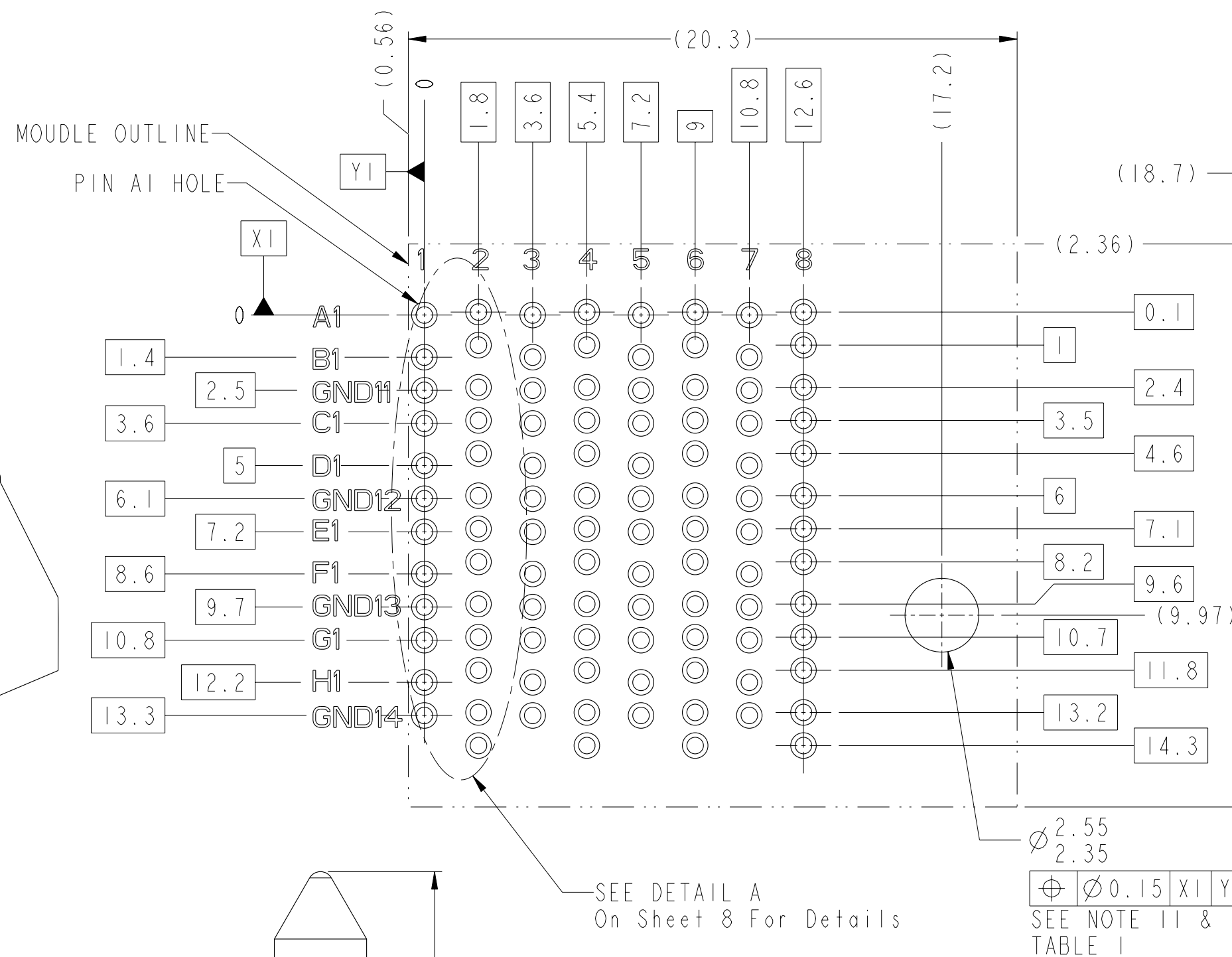
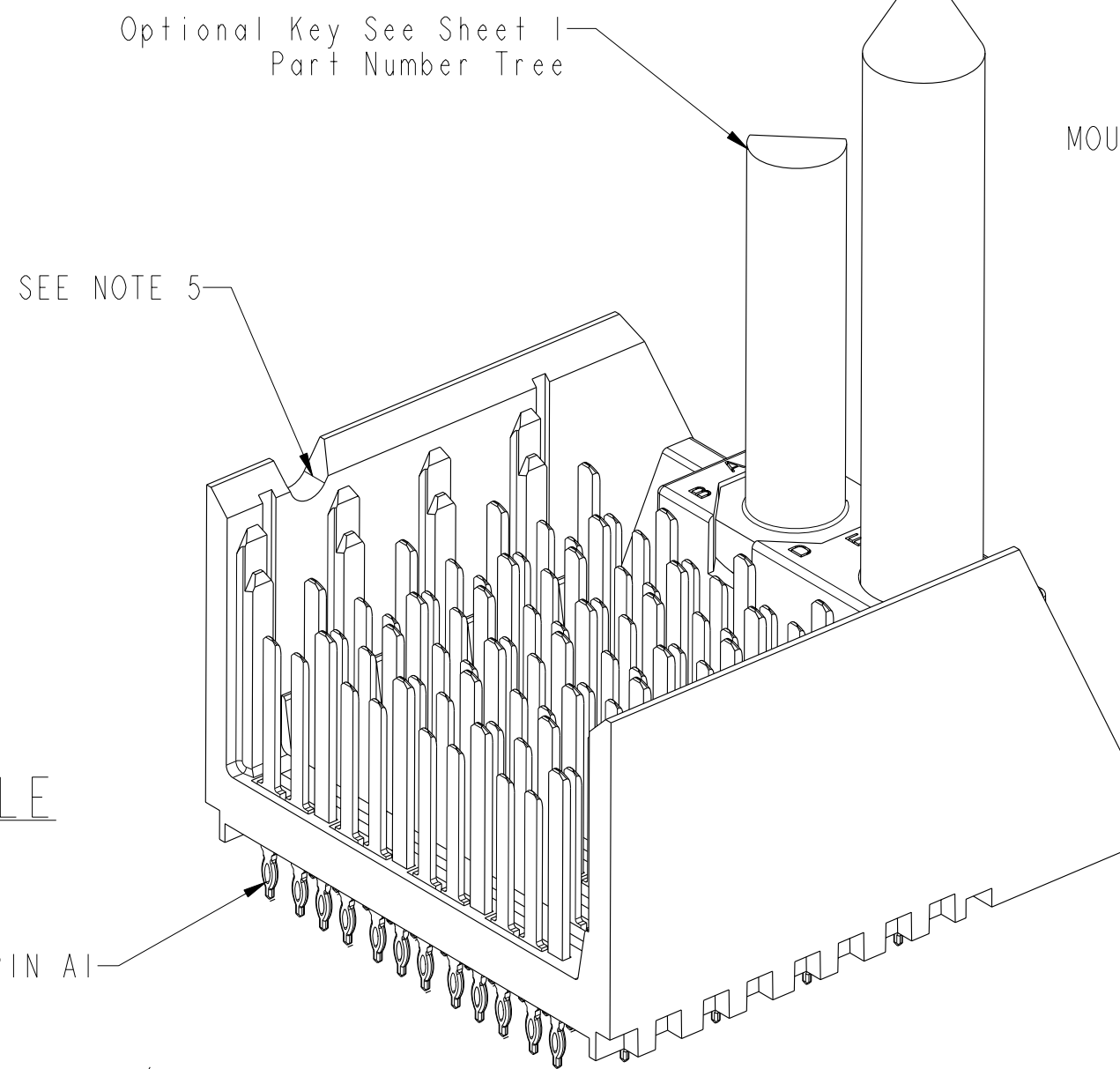
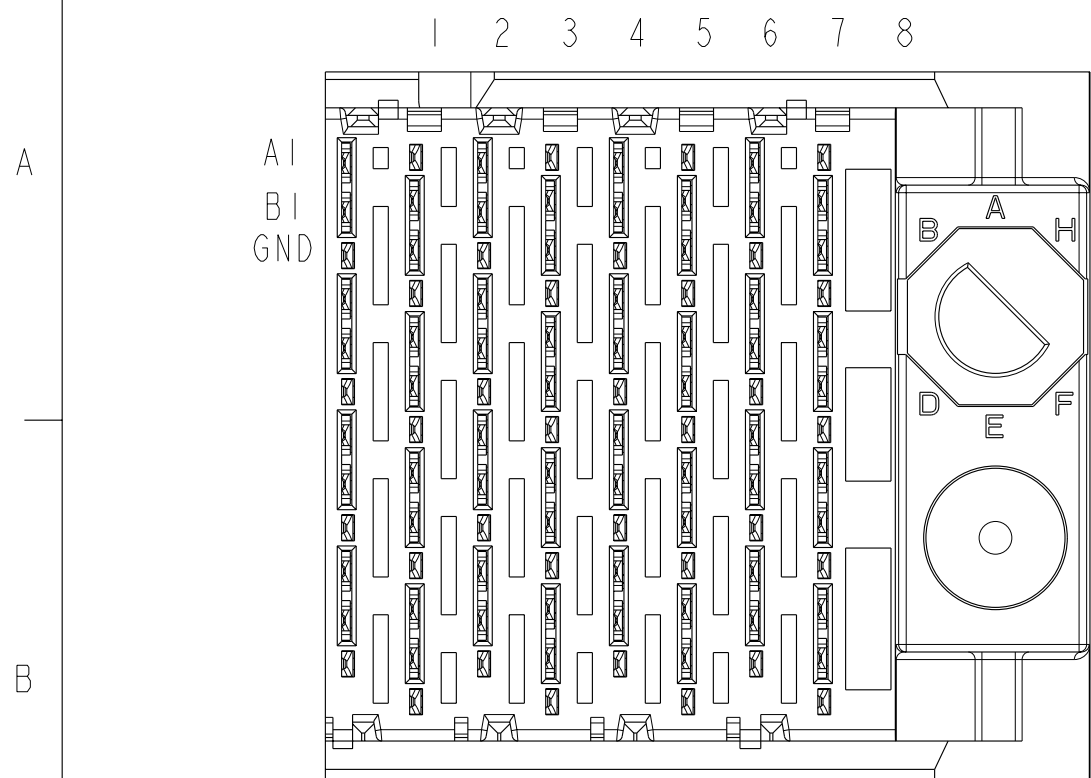
10.8

13.3

2.55

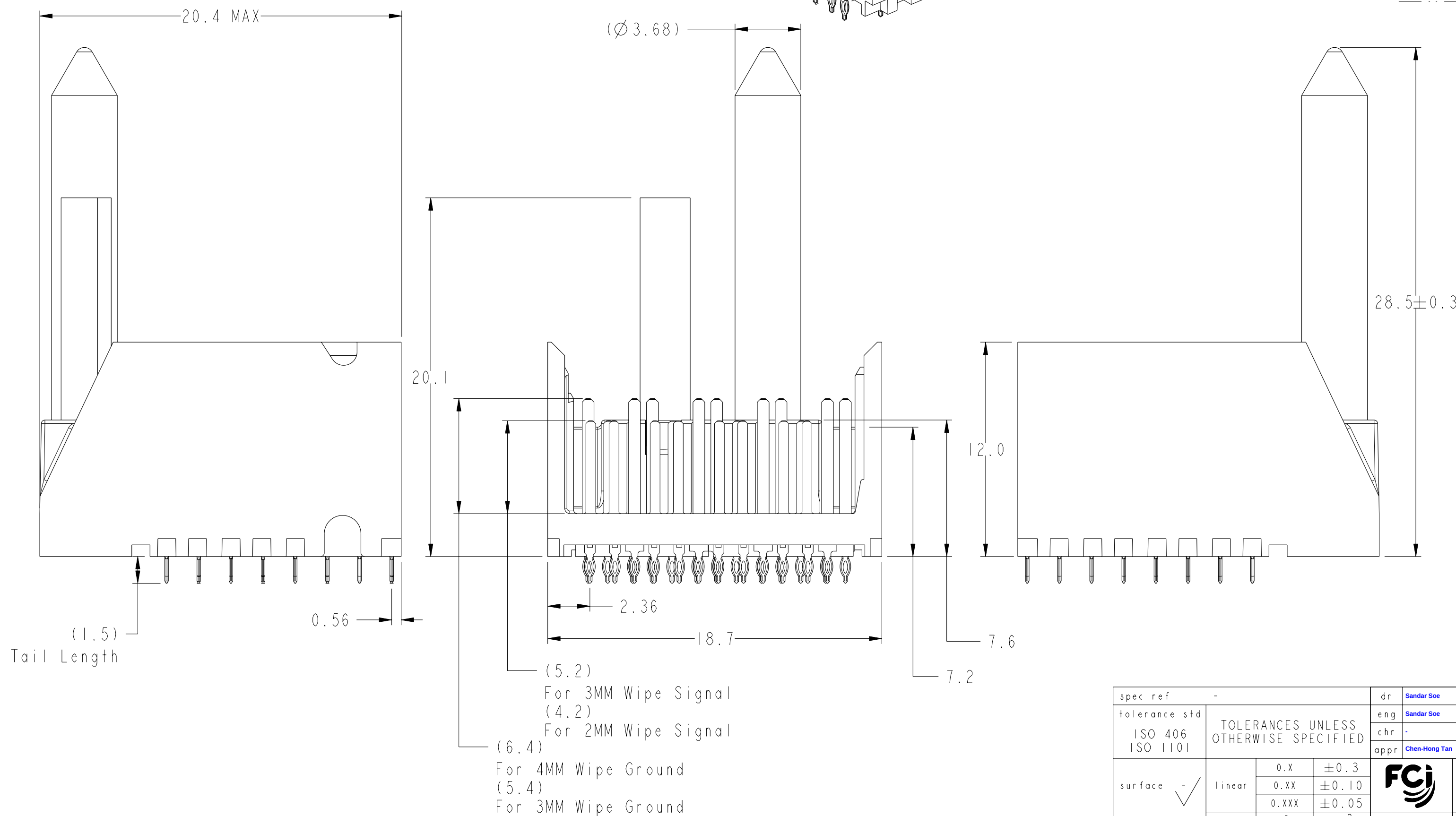
2.35

Ø 0.15



RIGHT POLARIZING/GUIDE MOUDLE

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



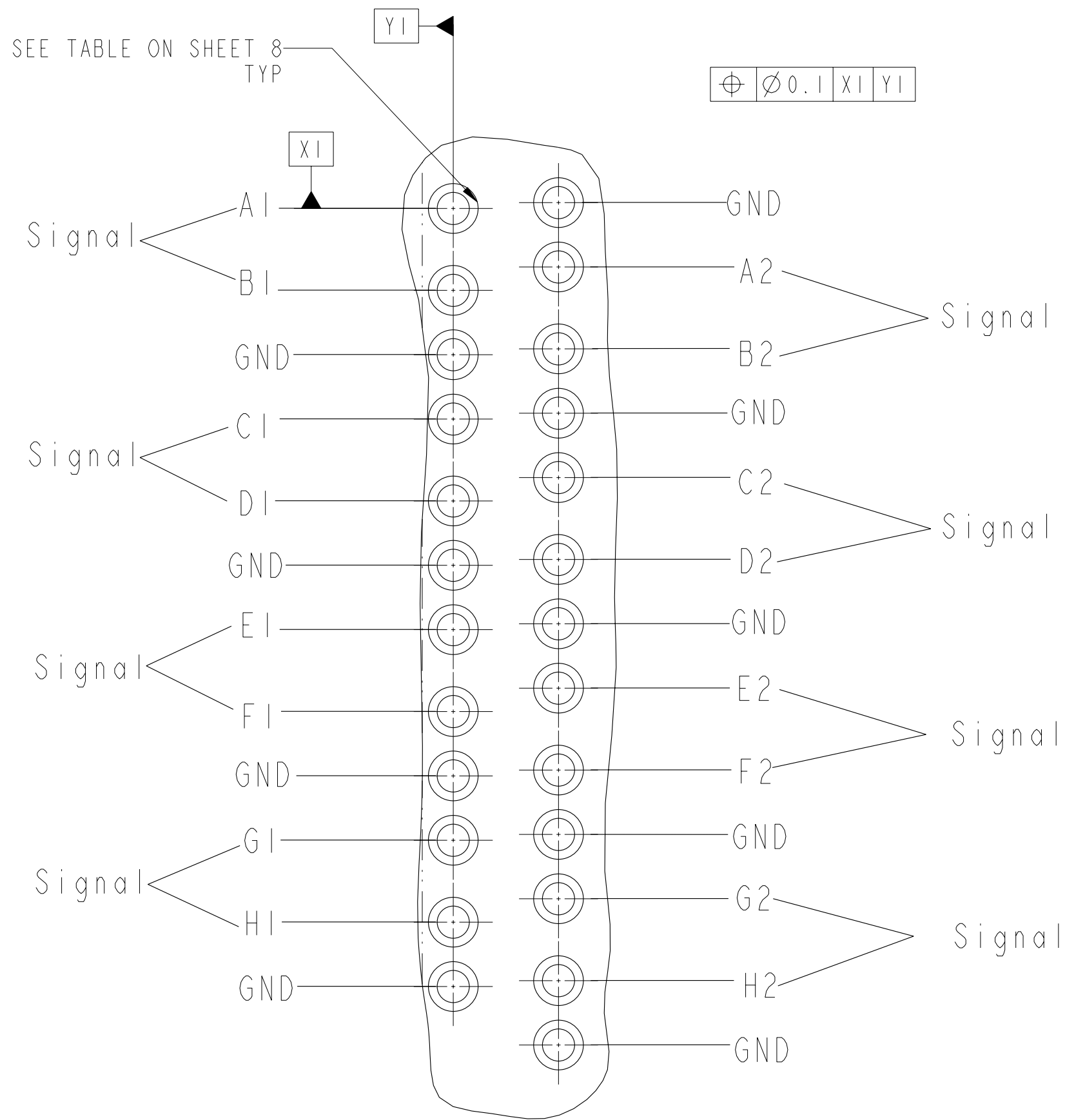
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tolerance std	ISO 406 ISO 1101	eng	Sander Soe	2015/10/30	chr	-	ecn no	ELX-S-18192-1	rel level	Released
surface	ISO 1302	appr	Chen-Hong Tan	2015/11/02	product family	-	cat. no.	Product - Customer Drw	sheet 7 of 8	rev
linear	0.X ±0.3 0.XX ±0.10 0.XXX ±0.05	angular	0° ±2°	FCI MODULE ASSEMBLY, XCEDE HD Veritcal Header, 4 Pair 8 Column 10130104 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	$\varnothing 0.85$	$\varnothing 0.75$



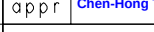
DETAIL A
SCALE 12:1

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																			

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
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