

A
B
C
D
E
F

10115091 - X 0 E - X X X L F

8-COLUMN
DIFFERENTIAL
SIGNAL

LEAD-FREE DESIGNATION
ONLY WITH APPLICABLE
PLATING CODES

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

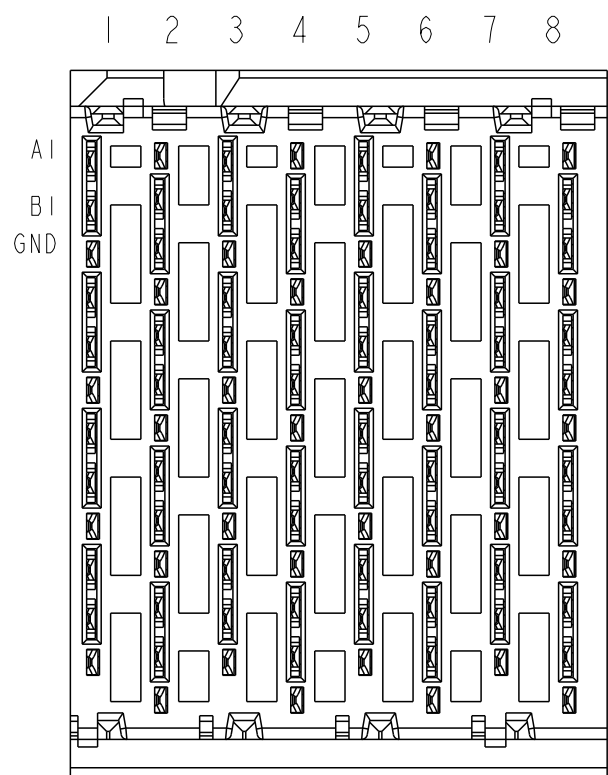
NUMBER	CONTACT MATING WIPE LENGTH		COMPLIANT TAIL TYPE (SEE NOTE 9)
	SIGNAL	GROUND	
1	2 MM	4 MM	0.55 (0.0217") DRILL
2	3 MM	4 MM	0.55 (0.0217") DRILL
3	2 MM	4 MM	0.45 MICRO (0.0177") DRILL
4	3 MM	4 MM	0.45 MICRO (0.0177") DRILL
5	2 MM	3 MM	0.55 (0.0217") DRILL
6	3 MM	3 MM	0.55 (0.0217") DRILL
7	2 MM	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 10115091-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	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	-		
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°

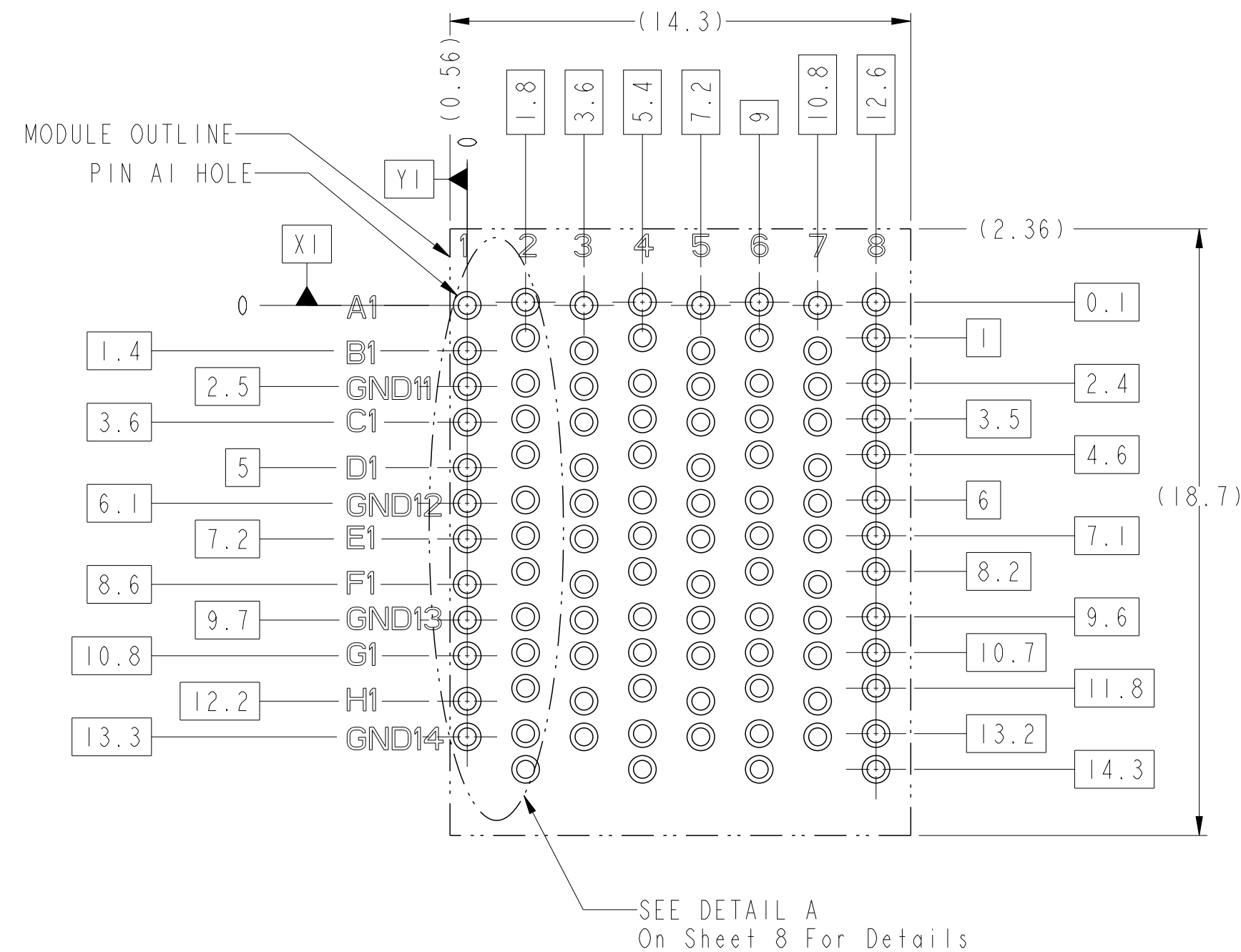
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eng	Sandar Soe	2016/03/07			ecn no	ELX-S-17624-1			
chr	-	-			rel level	Released			
appr	Chen-Hong Tan	2016/03/17	product family		-				
Amphenol FCI		title			MODULE ASSEMBLY, XCEDE HD		cat. no.	10115091	rev
		Veritcal Header, 4 Pair 8 Column							
www.fci.com		cat. no.		-	Product - Customer Drw			sheet 1 of 8	
									E



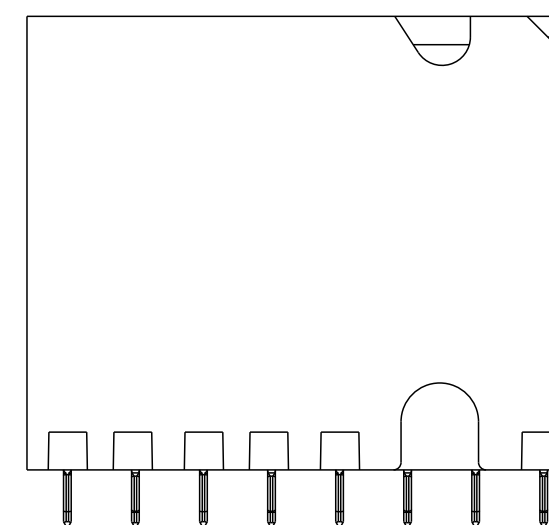
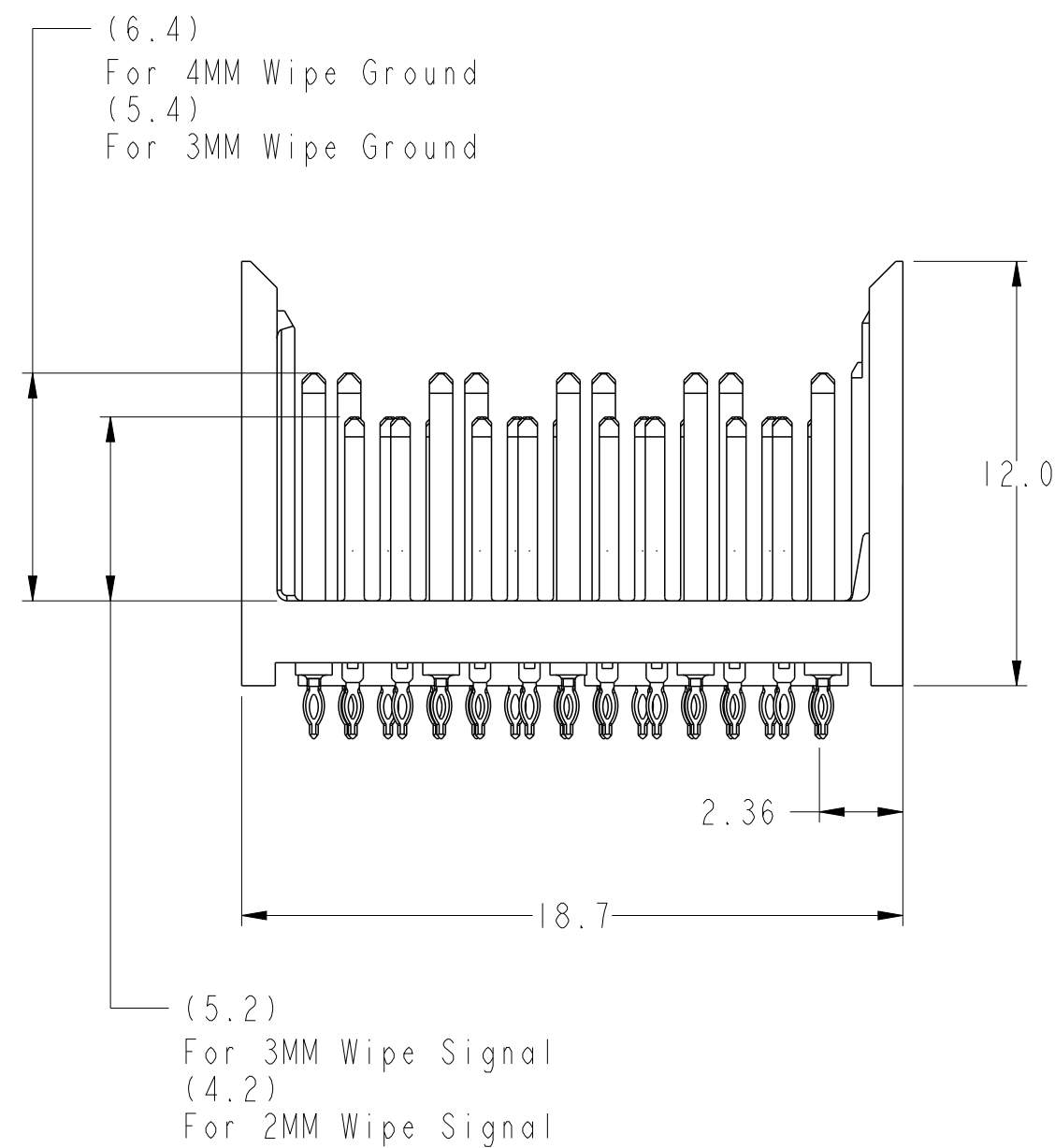
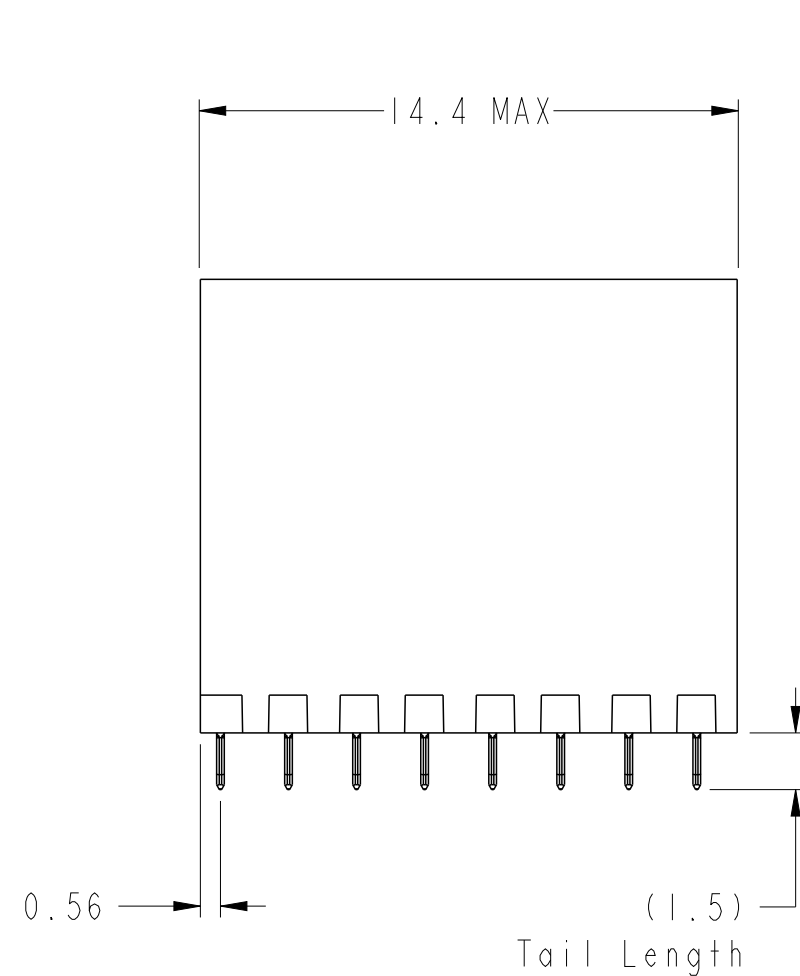
SEE NOTE 5

PIN A1

OPEN WALL MODULE



BP HOLE PATTERN COMPONENT SIDE
OPEN WALL MODULE BACKPLANE FOOTPRINT

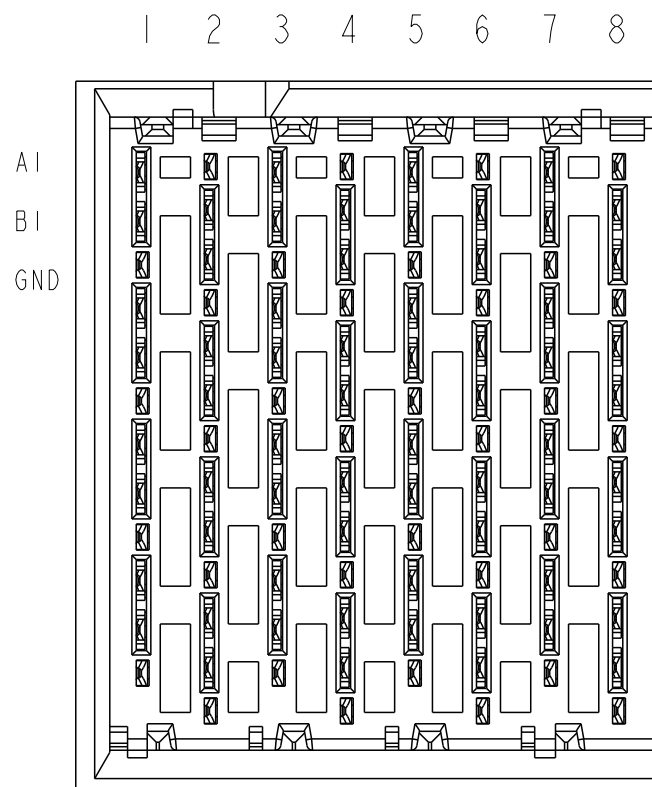


spec ref		-		dr		Collins Lu		2011/07/27		projection		mm		size		A2		scale		1:1	
tolerance std		ISO 406		eng		Sandar Soe		2016/03/07						ecn no		ELX-S-17624-1		rel level		Released	
ISO 1101		TOLERANCES UNLESS OTHERWISE SPECIFIED		chr		-		-													
				appr		Chen-Hong Tan		2016/03/17		product family		-									
surface		ISO 1302		linear		0.X		±0.3		Amphenol FCI		title		MODULE ASSEMBLY, XCEDE HD		dwg no		10115091		rev	
						0.XX		±0.10						Veritcal Header, 4 Pair 8 Column						E	
						0.XXX		±0.05													
				angular		0°		±2°		www.fci.com		cat. no.		-		Product - Customer Drw		sheet 2 of 8			

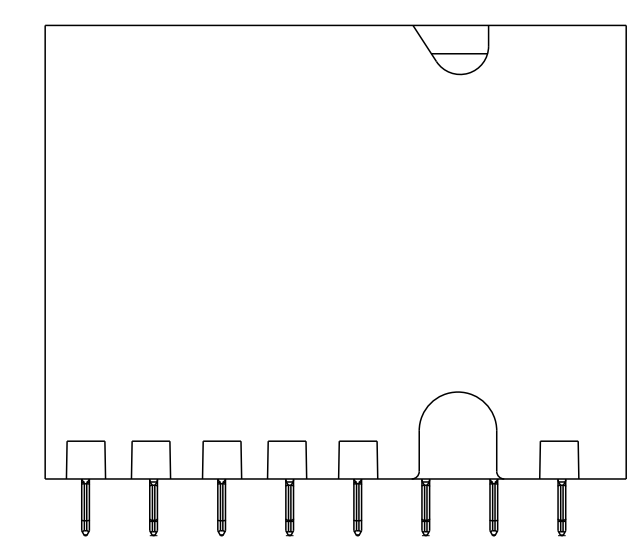
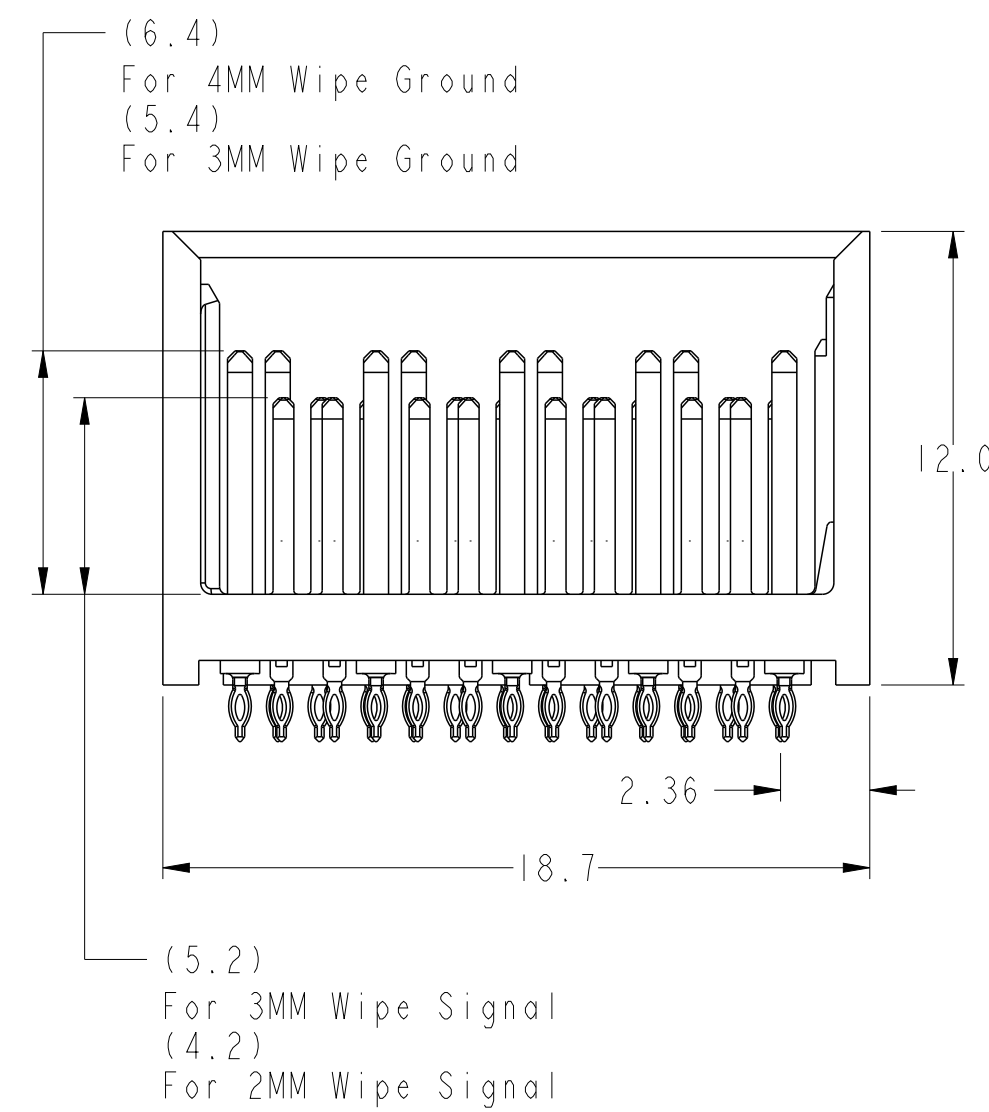
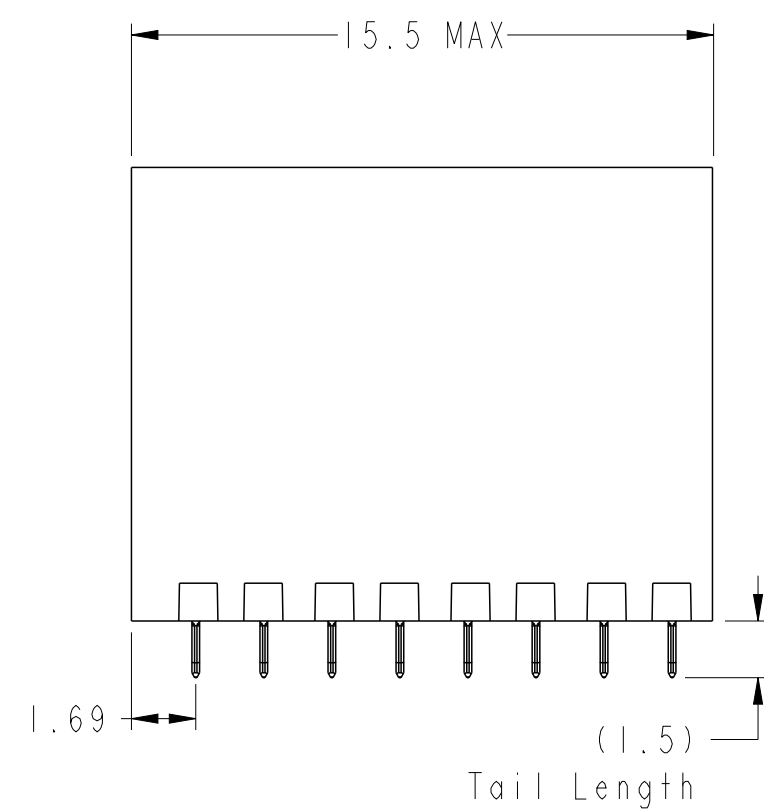
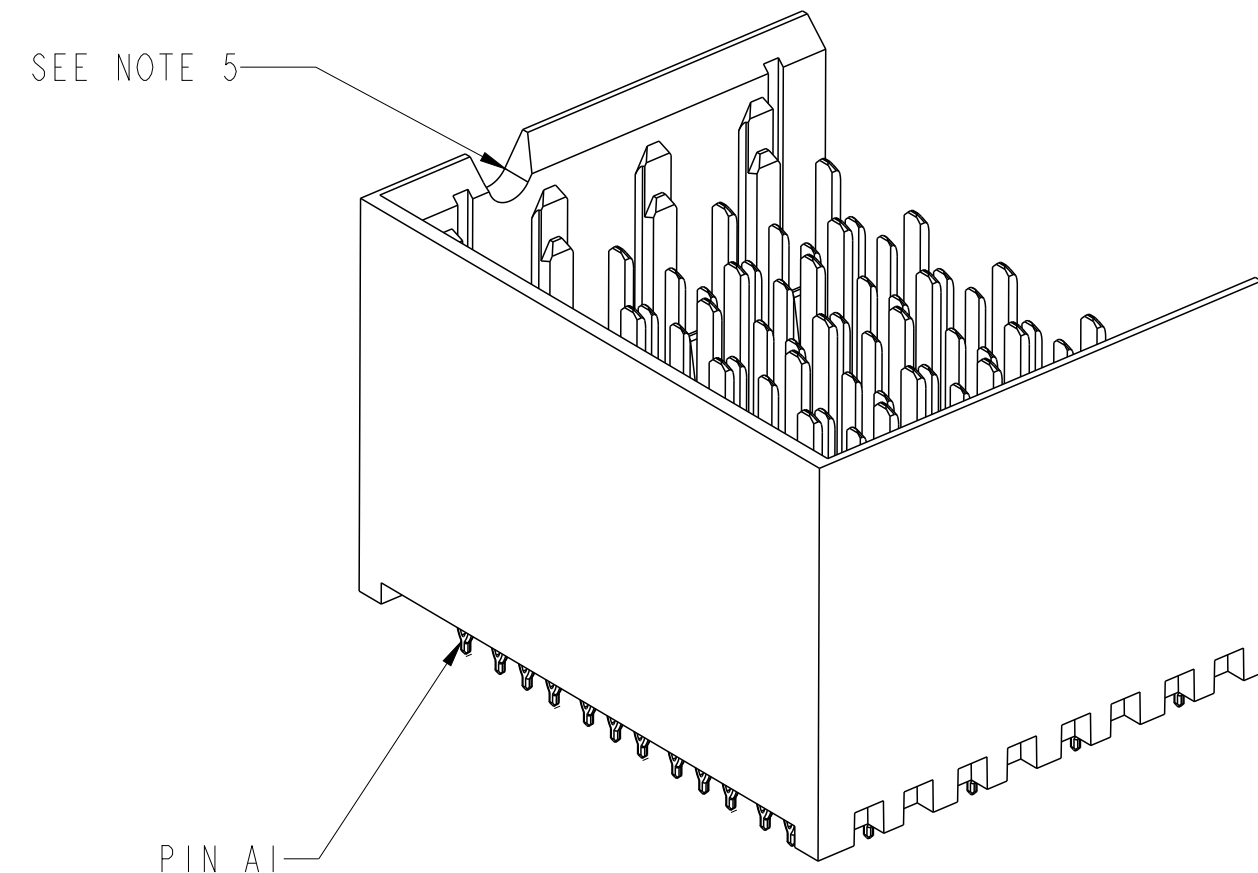
PDS: Rev :E

STATUS:Released

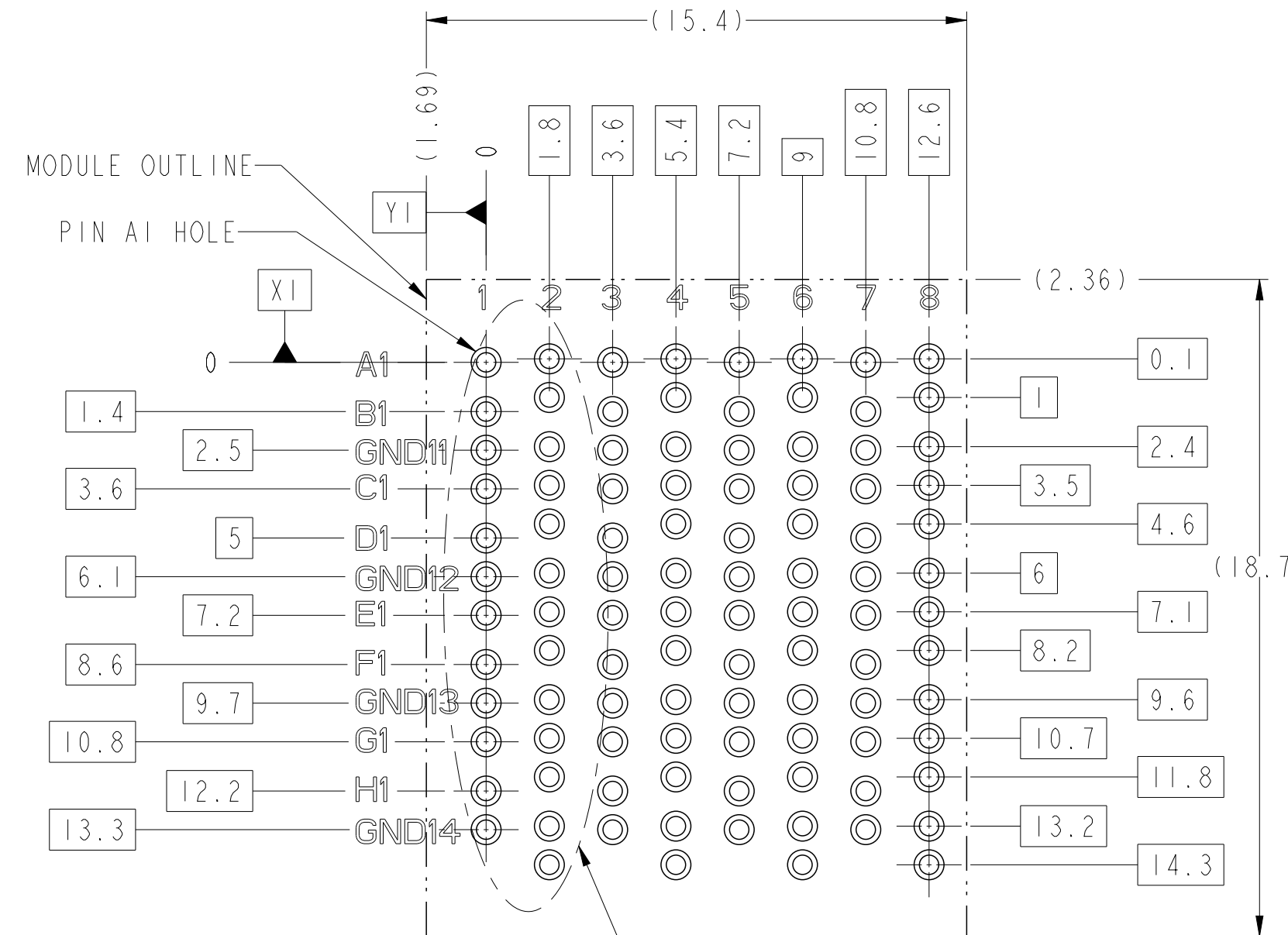
Printed: Mar 17, 2016



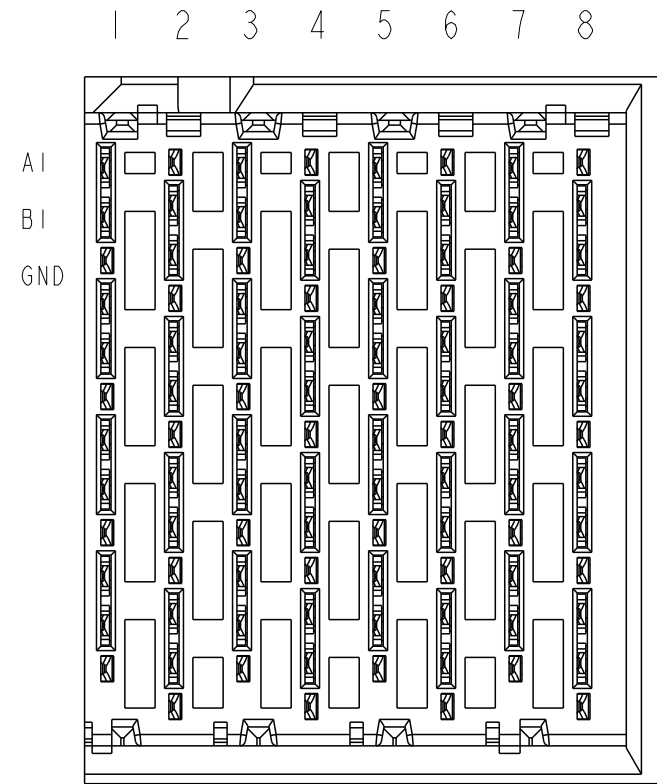
LEFT WALL MODULE



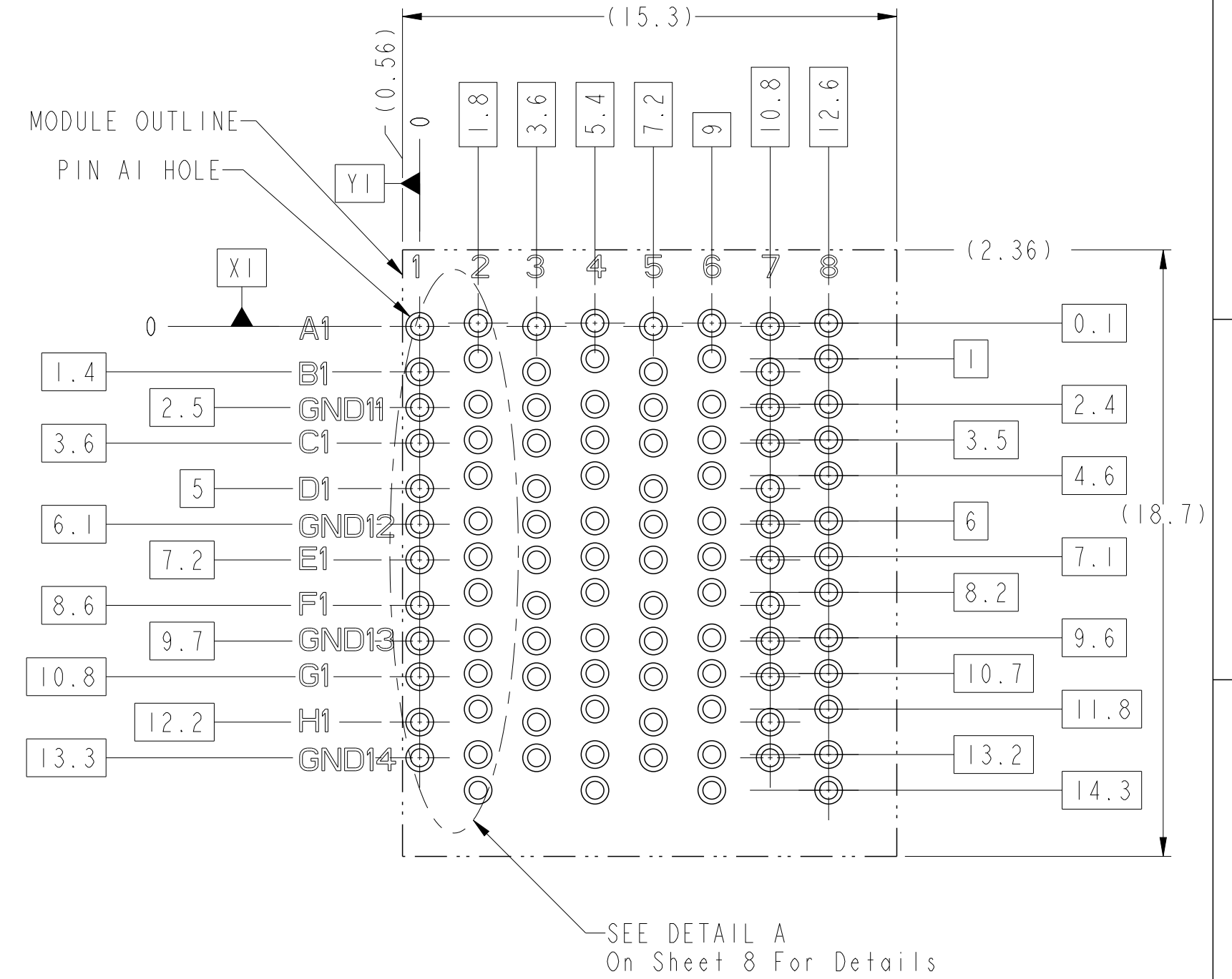
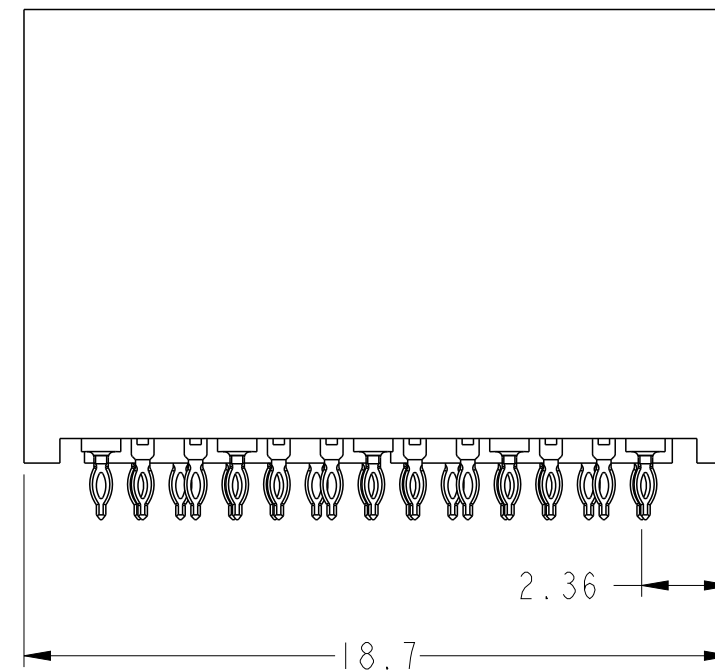
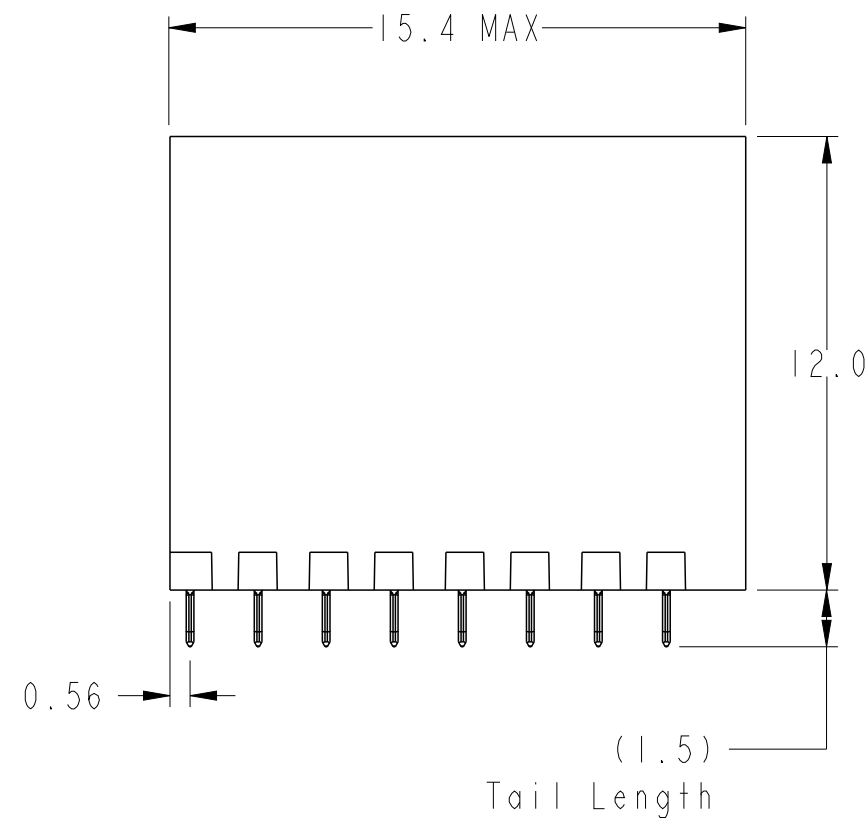
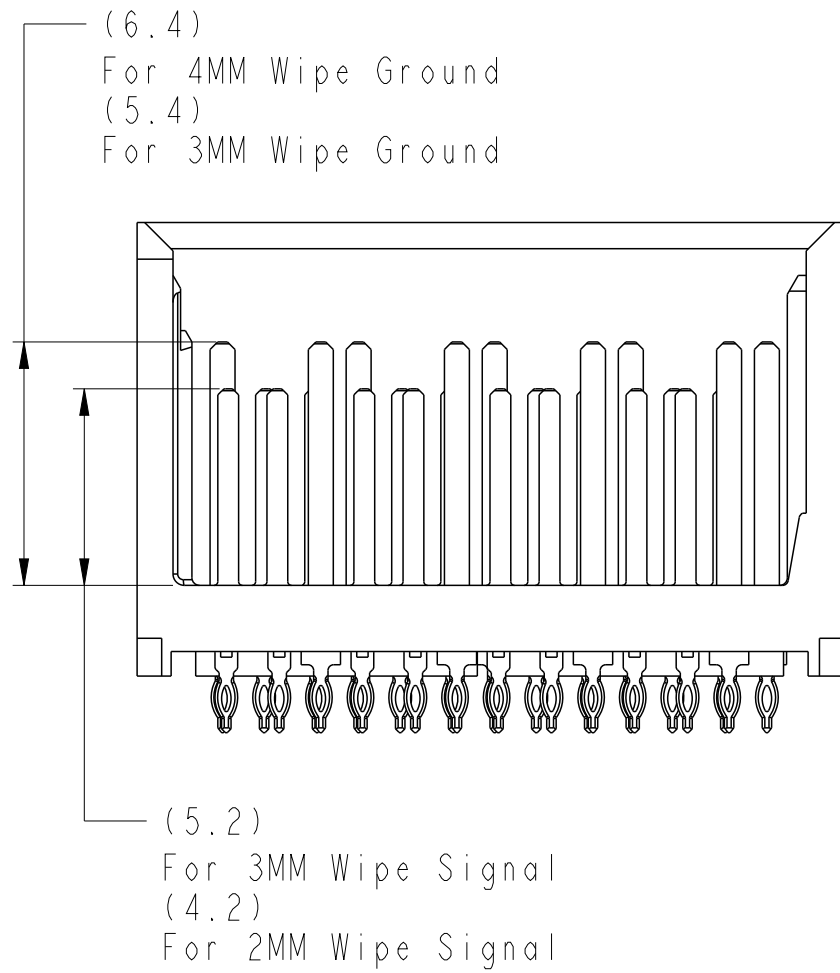
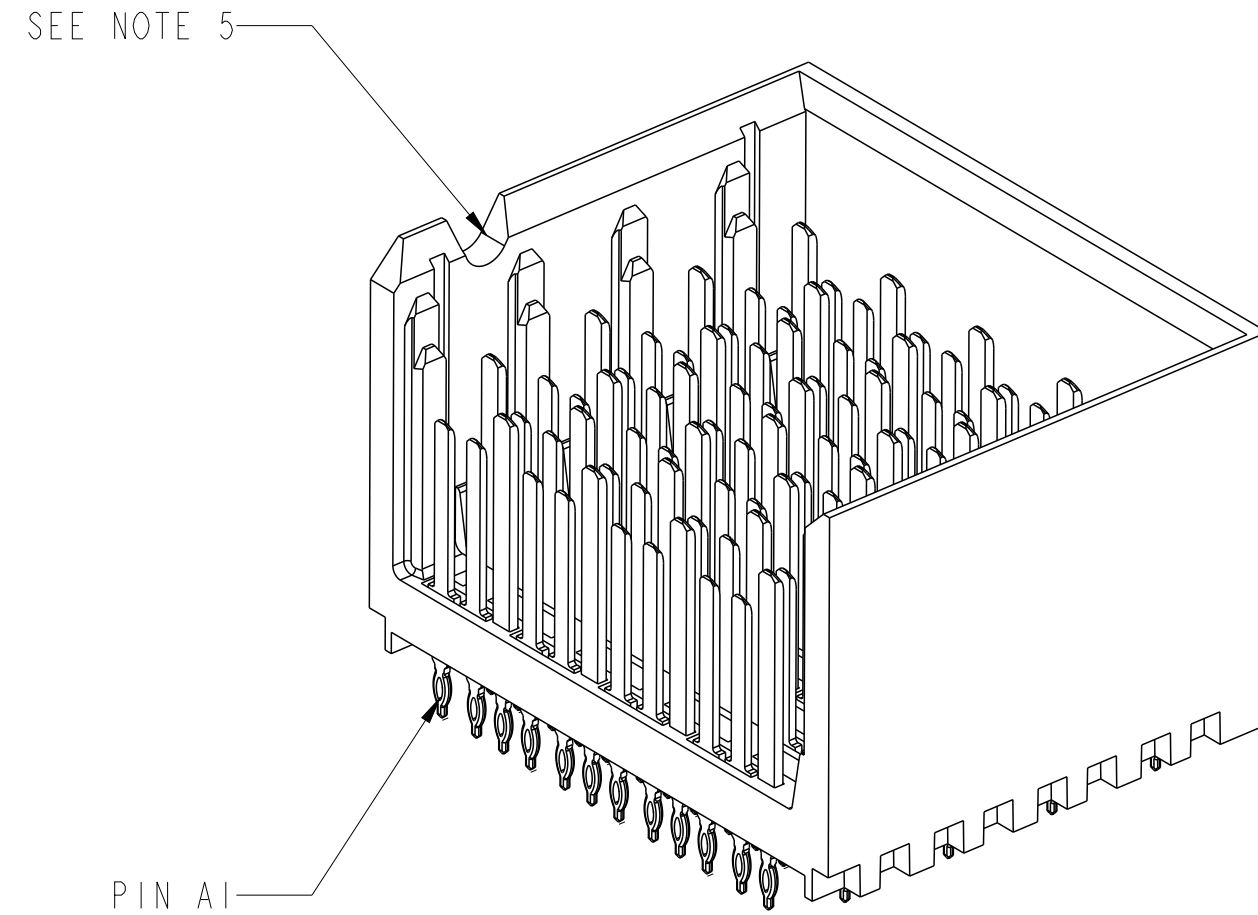
BP HOLE PATTERN COMPONENT SIDE
LEFT WALL MODULE BACKPLANE FOOTPRINT



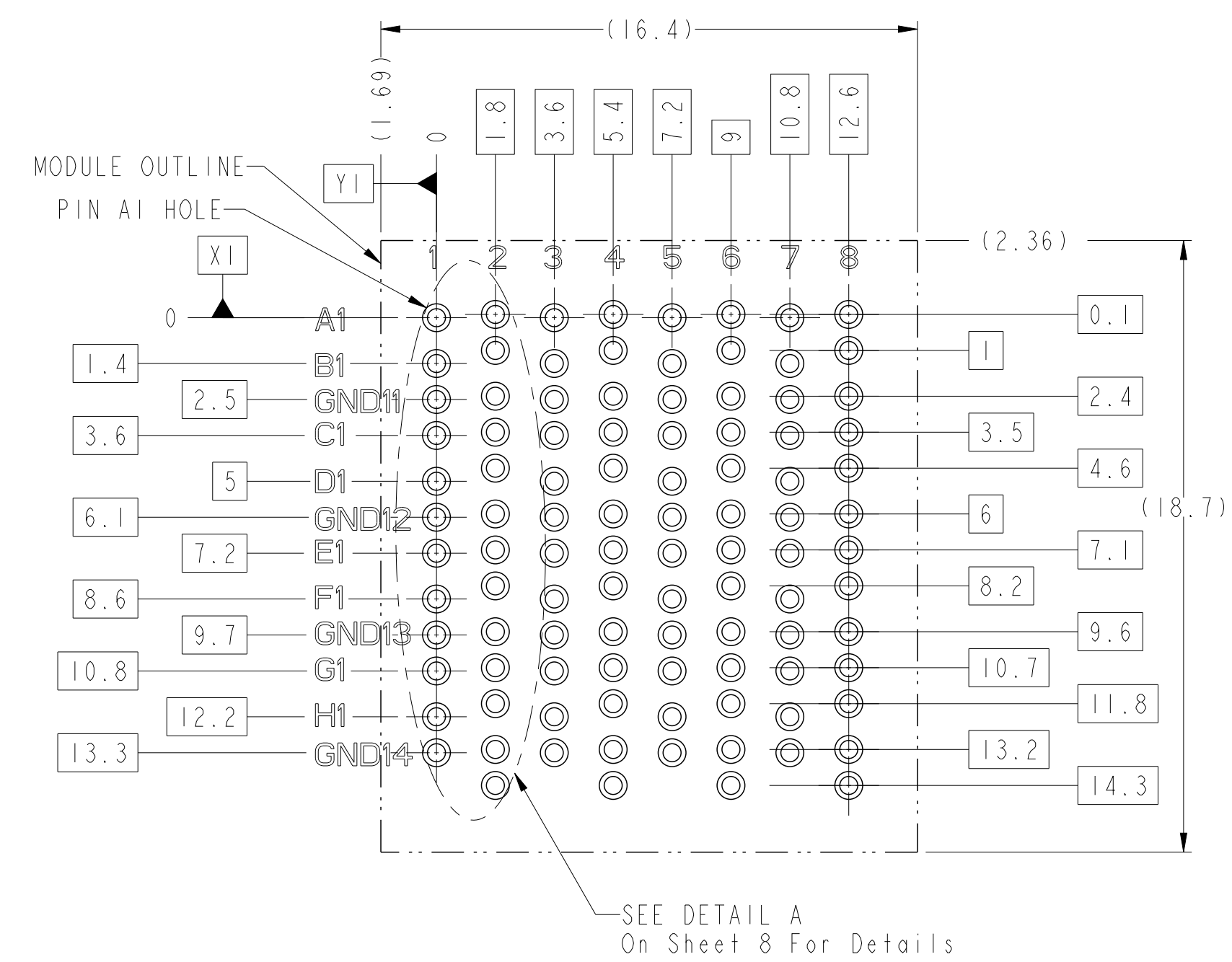
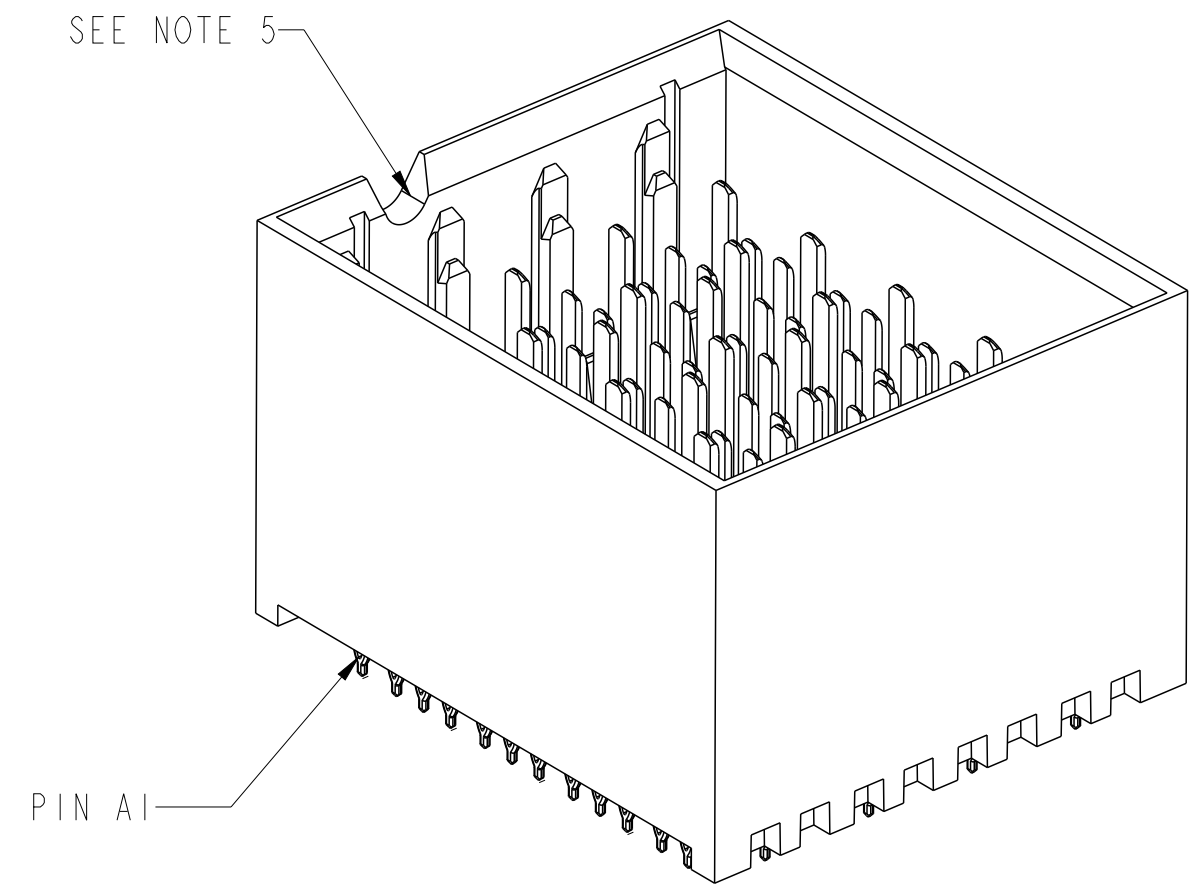
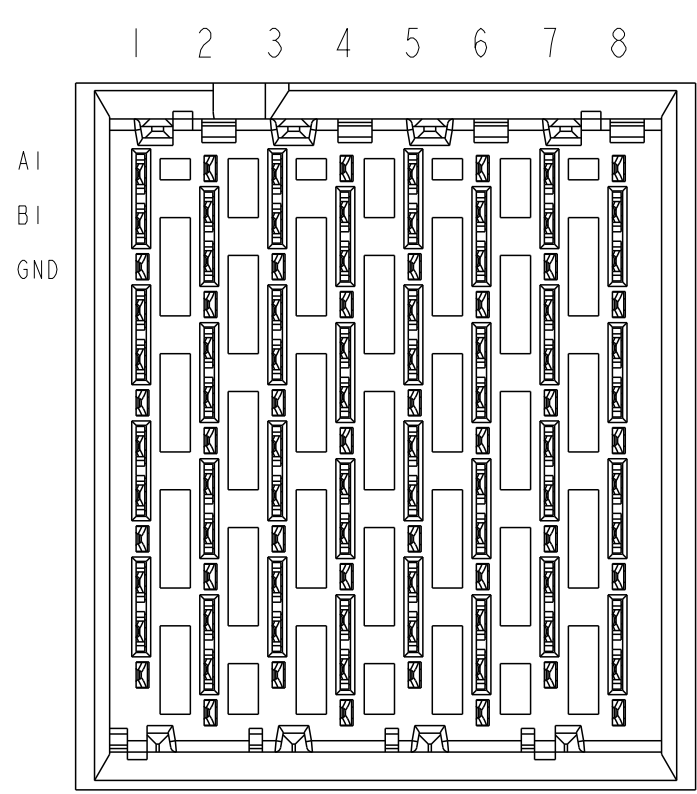
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tolerance std		ISO 406 ISO 1101		eng		Sandar Soe		2016/03/07		chr		-		-		ecn no		ELX-S-17624-1		rel level		Released			
surface		ISO 1302		linear		0.X 0.XX 0.XXX		±0.3 ±0.10 ±0.05		angular		0° ±2°		Amphenol FCI		www.fci.com		cat. no.		-		Product- Customer Drw		sheet 3 of 8	
MODULE ASSEMBLY, XCEDE HD		Veritcal Header, 4 Pair 8 Column		dwg no		10115091		rev		E															



RIGHT WALL MODULE



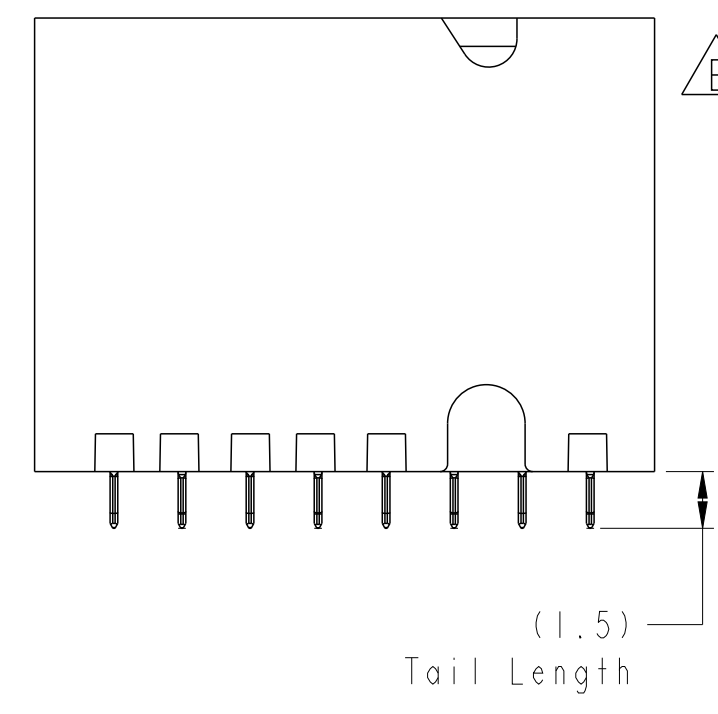
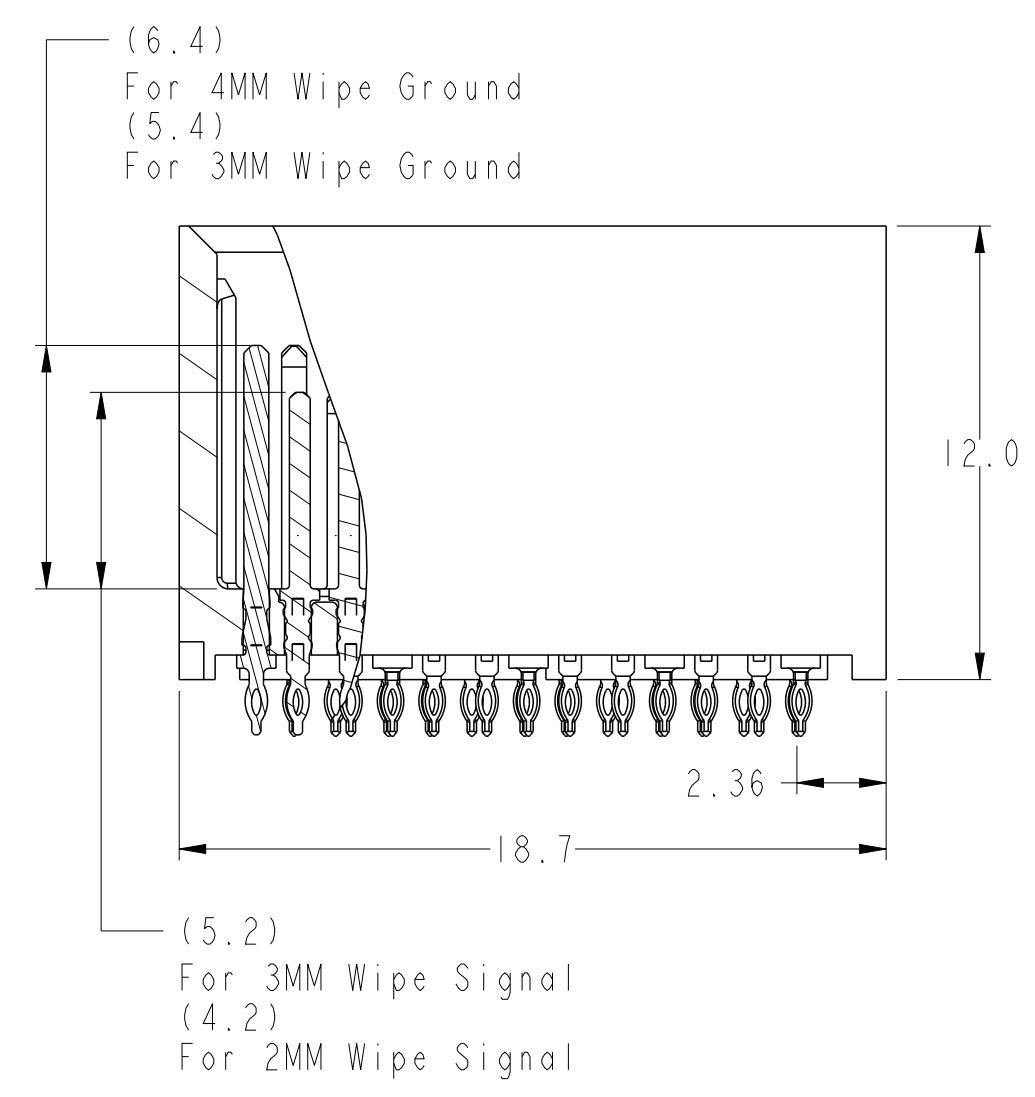
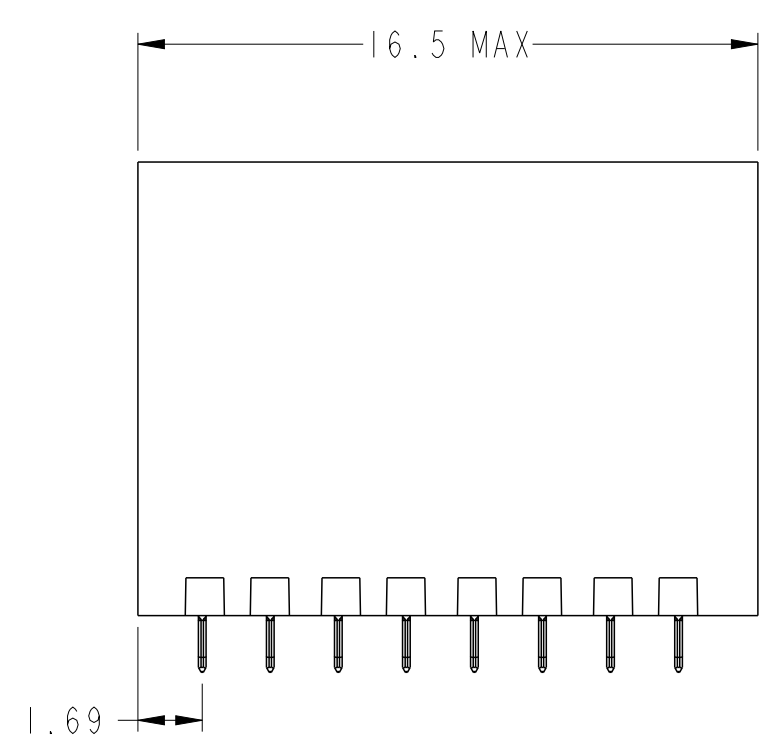
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tolerance std	ISO 406 ISO 1101	eng	Sandar Soe	2016/03/07	chr	-	ecn no	ELX-S-17624-1	rel level	Released
surface	ISO 1302	appr	Chen-Hong Tan	2016/03/17	product family	-	cat. no.	-	Product - Customer Drw	sheet 4 of 8
linear	0.X ±0.3 0.XX ±0.10 0.XXX ±0.05	angular	0° ±2°	Amphenol FCi www.fci.com	title	MODULE ASSEMBLY, XCEDE HD Veritcal Header, 4 Pair 8 Column	dwg no	10115091	rev	E



△ FOUR WALL MODULE

BP HOLE PATTERN COMPONENT SIDE

△ FOUR WALL MODULE BACKPLANE FOOTPRINT



spec ref	-	dr	Collins Lu	2011/07/27	projection	mm	size	A2	scale	1:1
tolerance std	ISO 406 ISO 1101	eng	Sandar Soe	2016/03/07	chr	-	ecn no	ELX-S-17624-1	rel level	Released
surface	ISO 1302	appr	Chen-Hong Tan	2016/03/17	product family	-	cat. no.	Product - Customer Drw	sheet 5 of 8	rev
TOLERANCES UNLESS OTHERWISE SPECIFIED		linear		0.X	±0.3	angular		0°	±2°	
				0.XX	±0.10					
				0.XXX	±0.05					

LEFT POLARIZING/GUIDE MODULE

Optional Key See Sheet 1
Part Number Tree

SEE NOTE 5

SEE NOTE 11 & TABLE 1

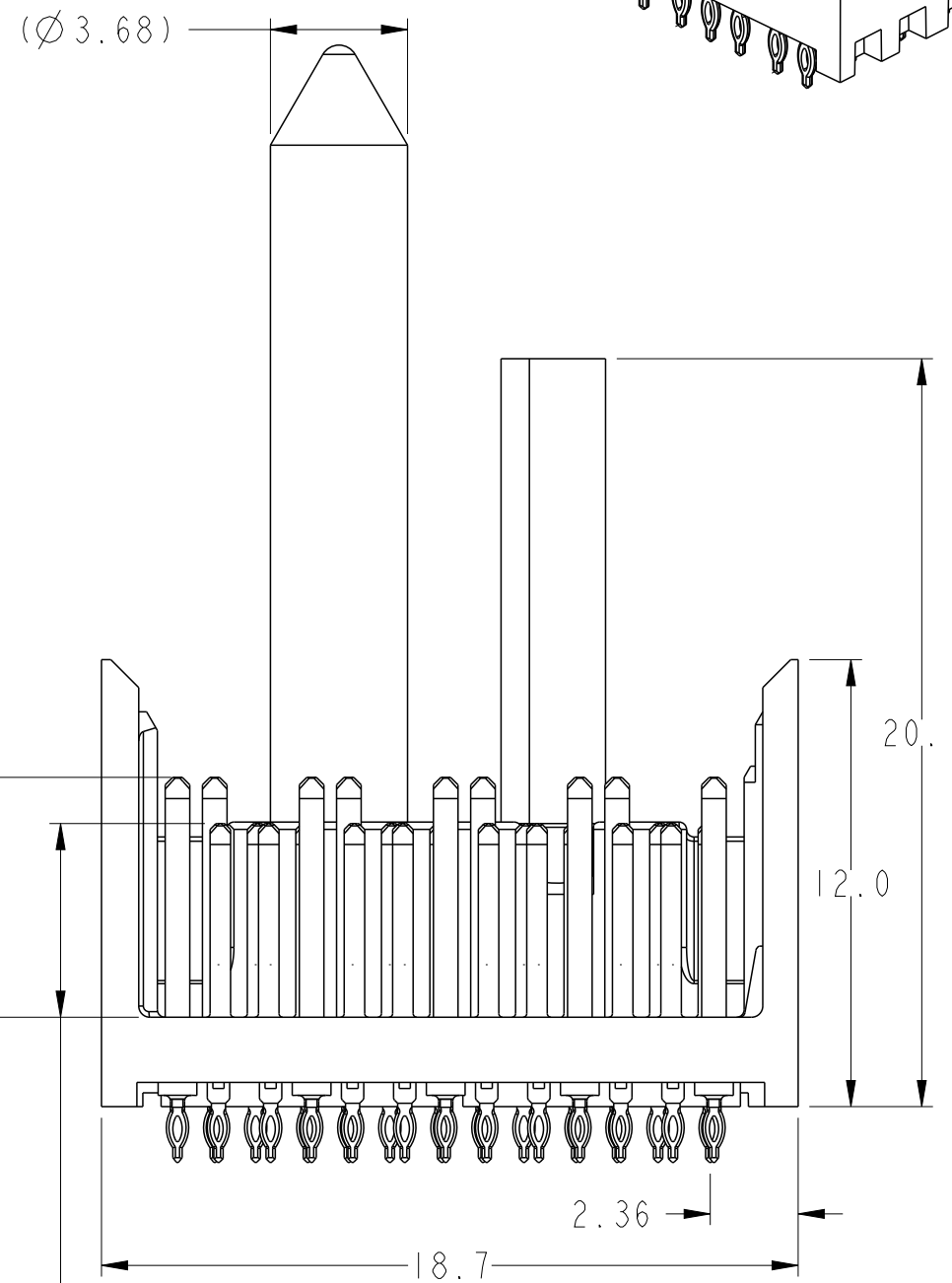
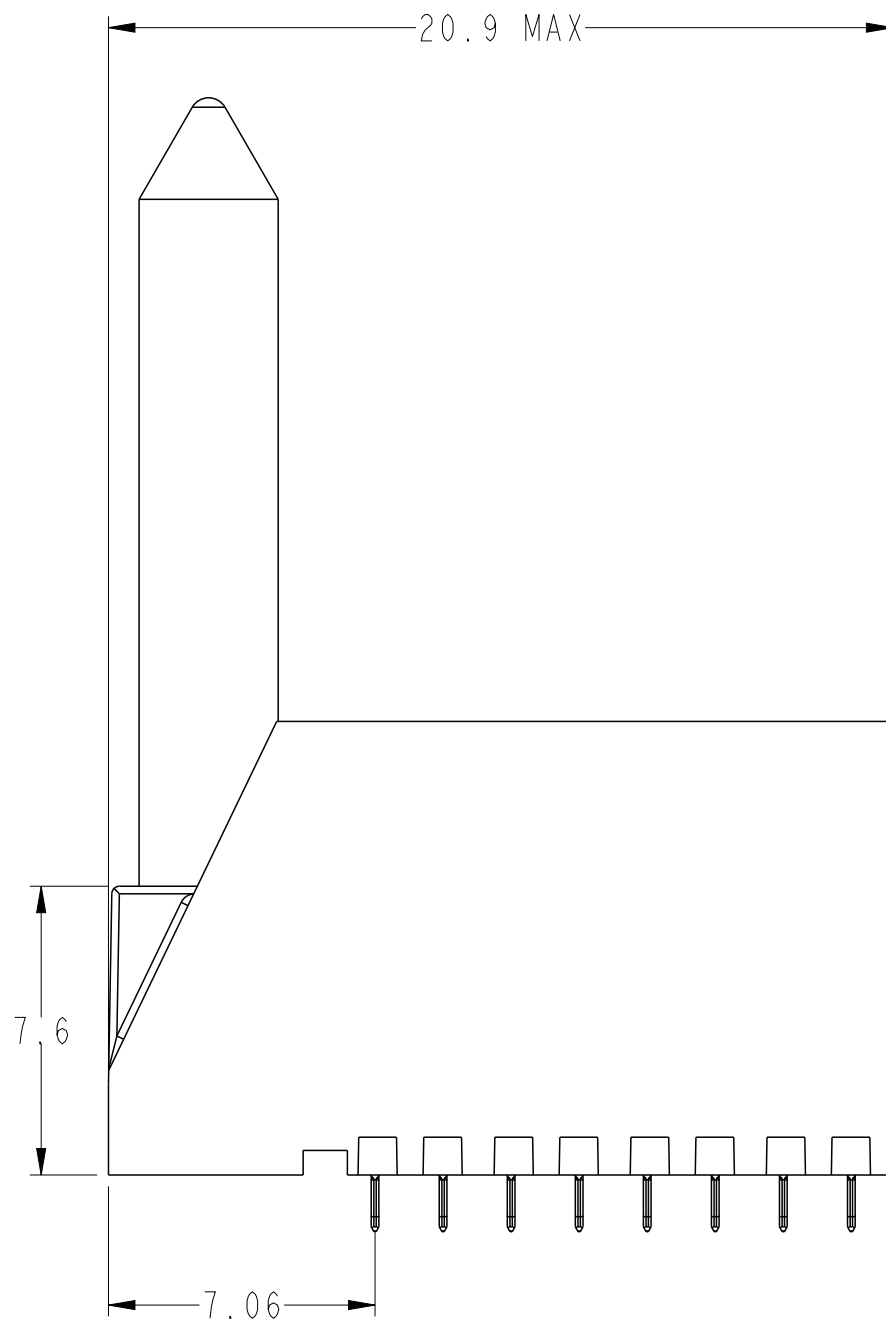
PIN A1 HOLE

MODULE OUTLINE

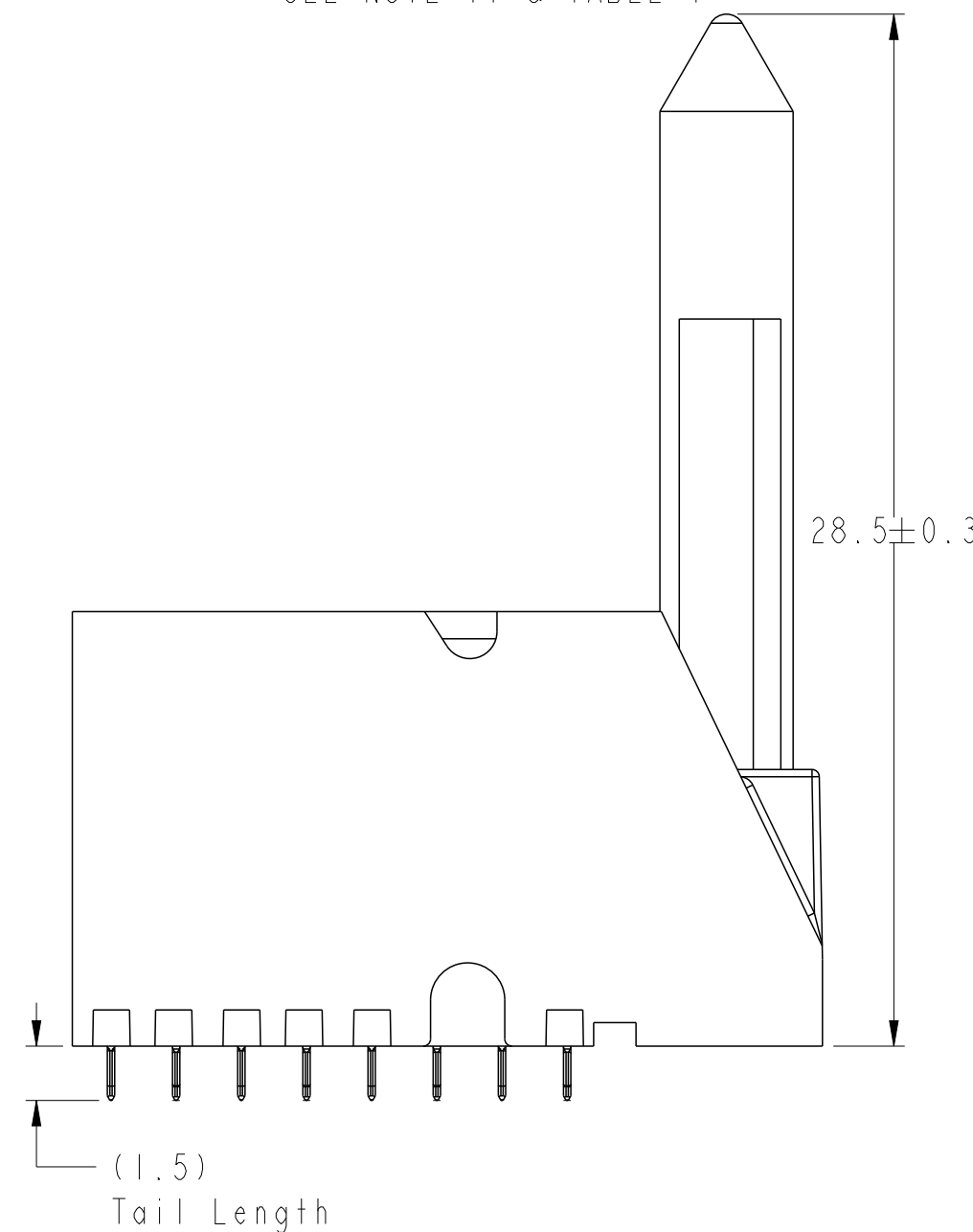
SEE DETAIL A
OnSheet 8 For Details

BP HOLE PATTERN COMPONENT SIDE

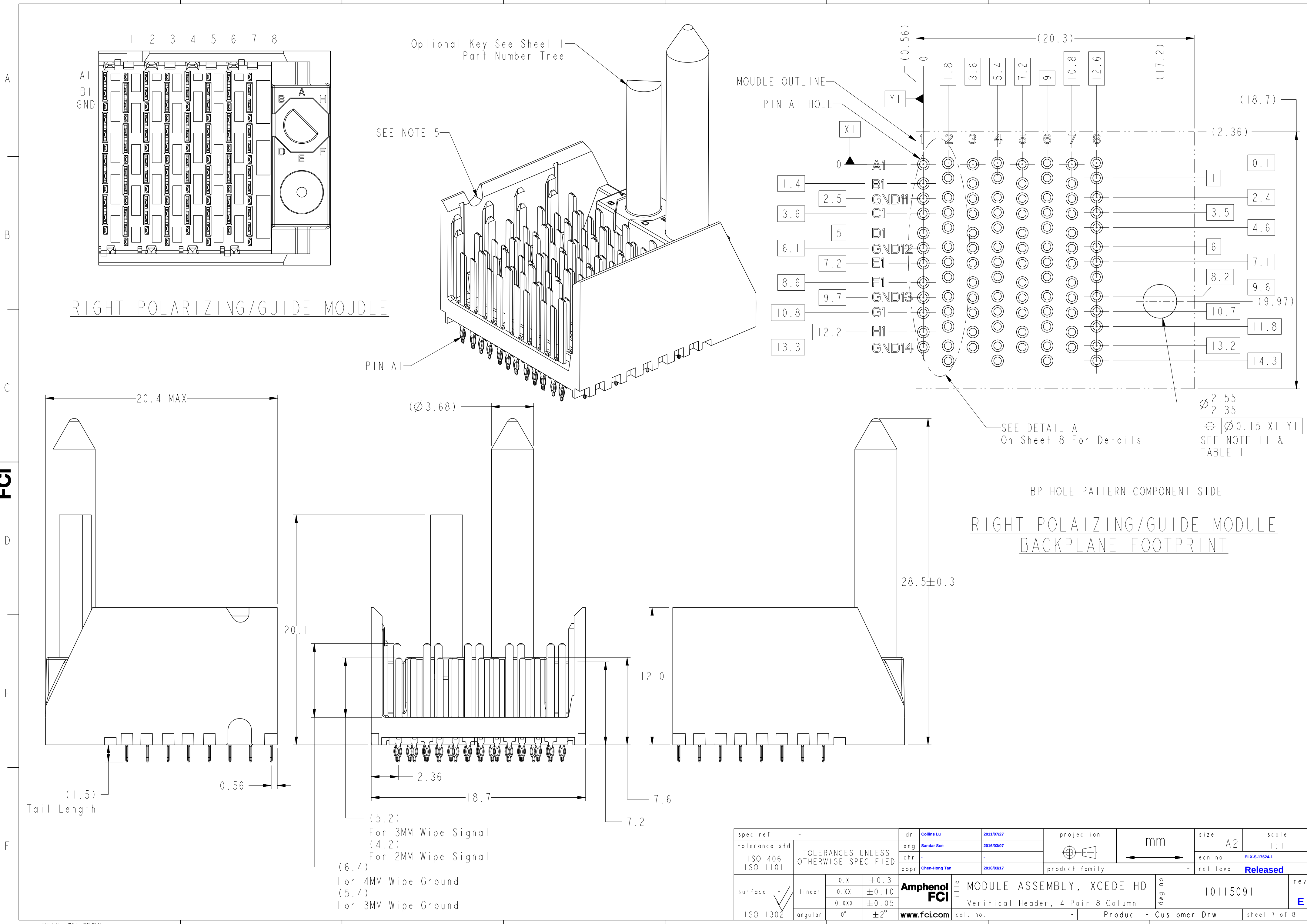
LEFT POLARIZING GUIDE MODULE
BACKPLANE FOOTPRINT



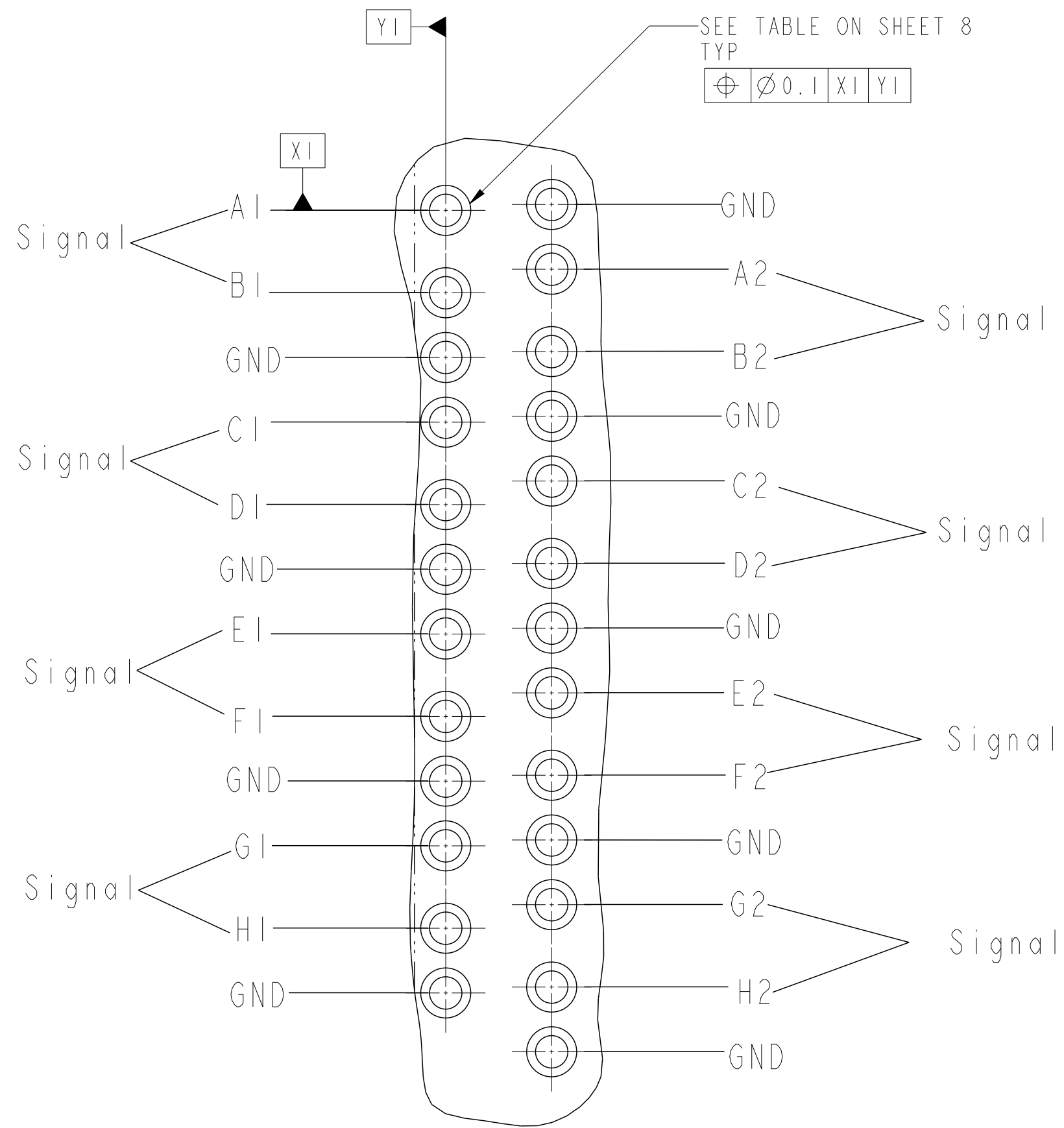
(5.2)
For 3MM Wipe Signal
(4.2)
For 2MM Wipe Signal
(6.4)
For 4MM Wipe Ground
(5.4)
For 3MM Wipe Ground



spec ref	-	dr	Collins Lu	2011/07/27	projection	mm	size	A2	scale	1:1
tolerance std	ISO 406 ISO 1101	eng	Sandar Soe	2016/03/07	chr	-	ecn no	ELX-S-17624-1	rel level	Released
surface	ISO 1302	appr	Chen-Hong Tan	2016/03/17	product family	-	cat. no.	Product - Customer Drw	sheet 6 of 8	rev
linear	0.X ±0.3 0.XX ±0.10 0.XXX ±0.05	angular	0° ±2°	Amphenol FCi	www.fci.com	title	MODULE ASSEMBLY, XCEDE HD Veritcal Header, 4 Pair 8 Column	dwg no	10115091	E



spec ref	-	dr	Collins Lu	2011/07/27	projection	mm	size	A2	scale	1:1
tolerance std	ISO 406 ISO 1101	eng	Sandar Soe	2016/03/07	chr	-	ecn no	ELX-S-17624-1	rel level	Released
surface	ISO 1302	linear	0.X ±0.3 0.XX ±0.10 0.XXX ±0.05	angular	0° ±2°	Amphenol FCI	title	MODULE ASSEMBLY, XCEDE HD Veritcal Header, 4 Pair 8 Column	dwg no	10115091
cat. no.	www.fci.com	Product	Customer Drw	sheet	7 of 8	rev	E			



DETAIL A
SCALE 12:1

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

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 (10115091-XOE-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 $\triangle$ 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	Collins Lu	2011/07/27	projection	mm	size	A2	scale	1:1
tolerance std	ISO 406 ISO 1101	eng	Sandar Soe	2016/03/07	chr	-	ecn no	ELX-S-17624-1	rel level	Released
surface	ISO 1302	appr	Chen-Hong Tan	2016/03/17	product family	Module Assembly, XCEDE HD	cat. no.	10115091	rev	E
TOLERANCES UNLESS OTHERWISE SPECIFIED		Amphenol FCI		Veritcal Header, 4 Pair 8 Column		Product - Customer Drw		sheet 8 of 8		
linear	0.X ± 0.3 0.XX ± 0.10 0.XXX ± 0.05	angular	0° $\pm 2^\circ$	www.fci.com		PDS: Rev :E		STATUS:Released		Printed: Mar 17, 2016

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

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Мы предлагаем:

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- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
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- Тестирование поставляемой продукции.
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- Входной контроль качества.
- Наличие сертификата ISO.

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- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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