

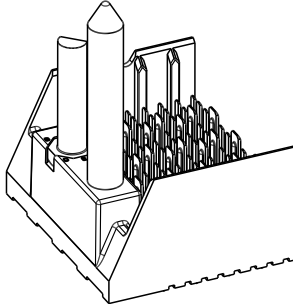
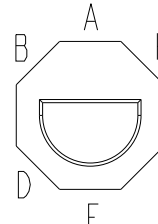
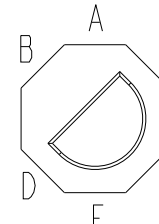
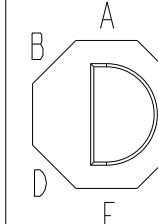
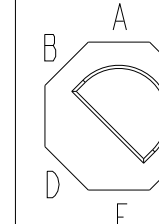
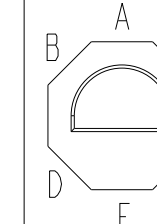
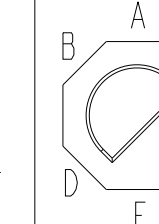
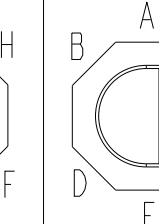
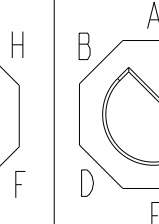
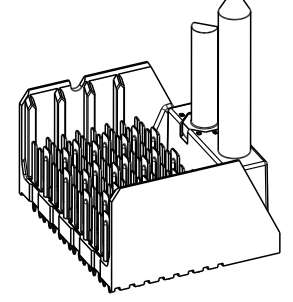
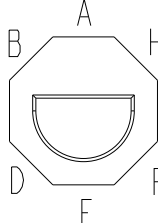
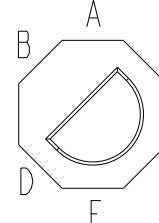
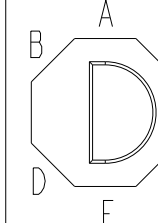
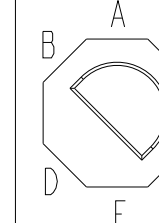
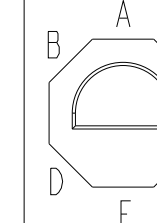
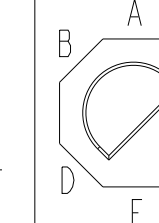
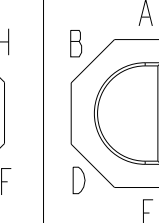
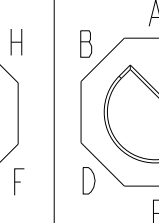
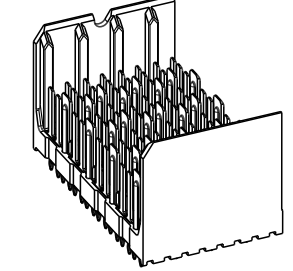
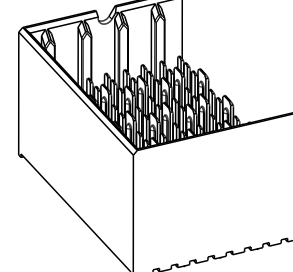
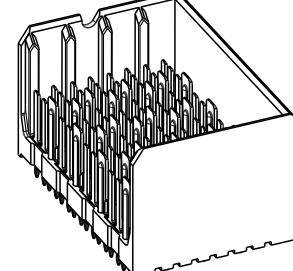
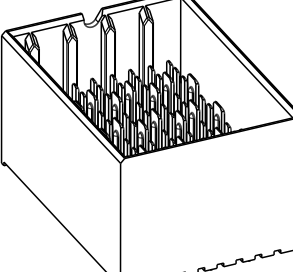
10115091 - X 0 E - X X X L F

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)										

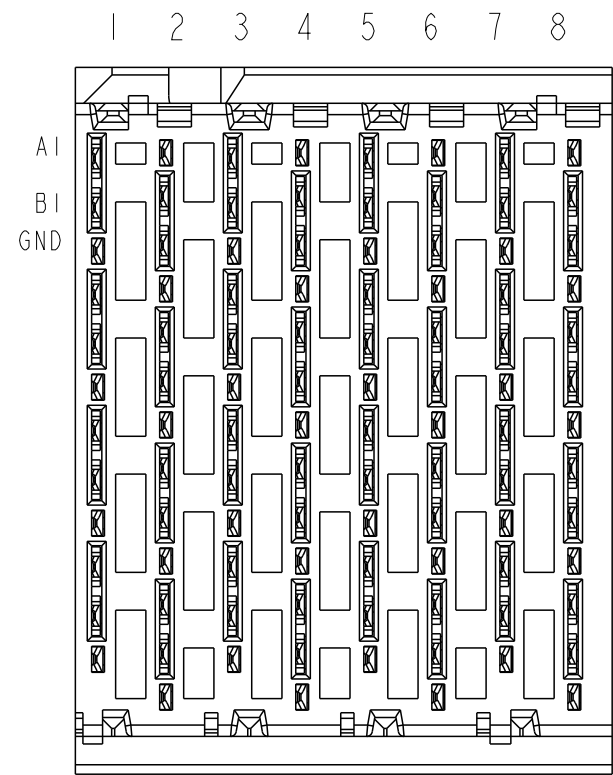
NUMBER	CONTACT MATING WIPE LENGTH		COMPLIANT TAIL TYPE (SEE NOTE 9)
	SIGNAL	GROUND	
1	2 MM	4 MM	0.55 (0.0217") DRILL
2	3 MM	4 MM	0.55 (0.0217") DRILL
3	2 MM	4 MM	0.45 MICRO (0.0177") DRILL
4	3 MM	4 MM	0.45 MICRO (0.0177") DRILL
5	2 MM	3 MM	0.55 (0.0217") DRILL
6	3 MM	3 MM	0.55 (0.0217") DRILL
7	2 MM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

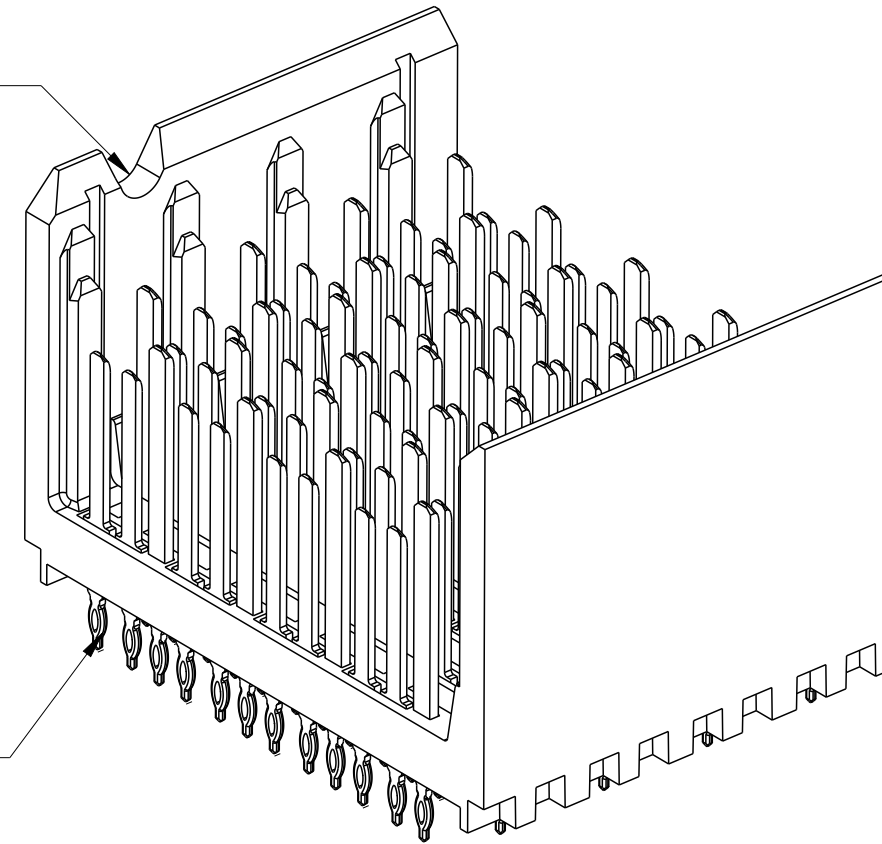
dr	Collins Lu	2011/07/27			size	A2	scale	1:1
eng	Sandar Soe	2016/03/07			ecn no	ELX-S-17624-1		
chr	-	-						
appr	Chen-Hong Tan	2016/03/17	product family		-	rel level Released		
Amphenol FCI		title			MODULE ASSEMBLY, XCEDE HD		rev	
		Veritcal Header, 4 Pair 8 Column			10115091		E	
www.fci.com		cat. no.		-	Product - Customer Drw			sheet 1 of 8



OPEN WALL MODULE

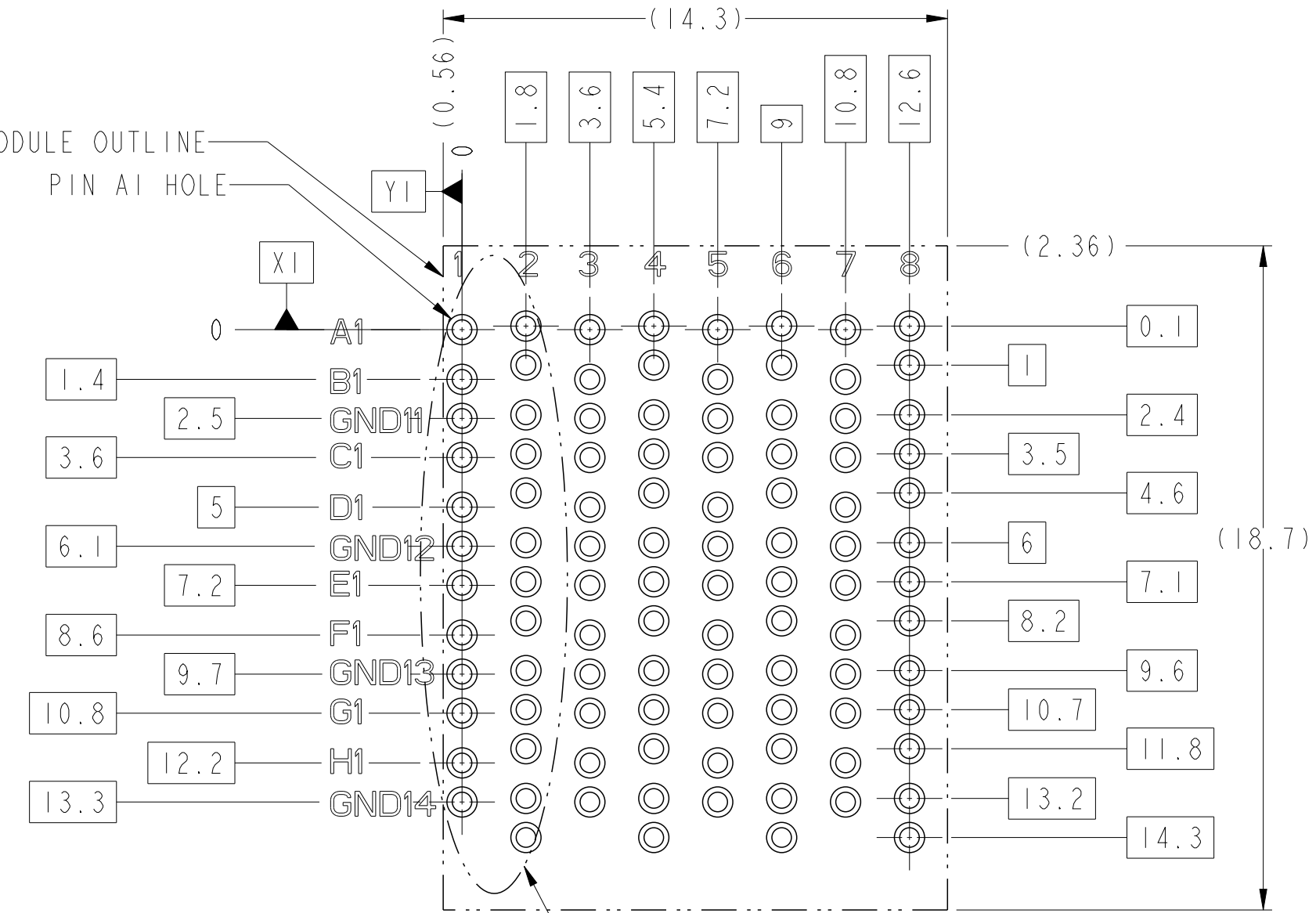
SEE NOTE 5

PIN A1



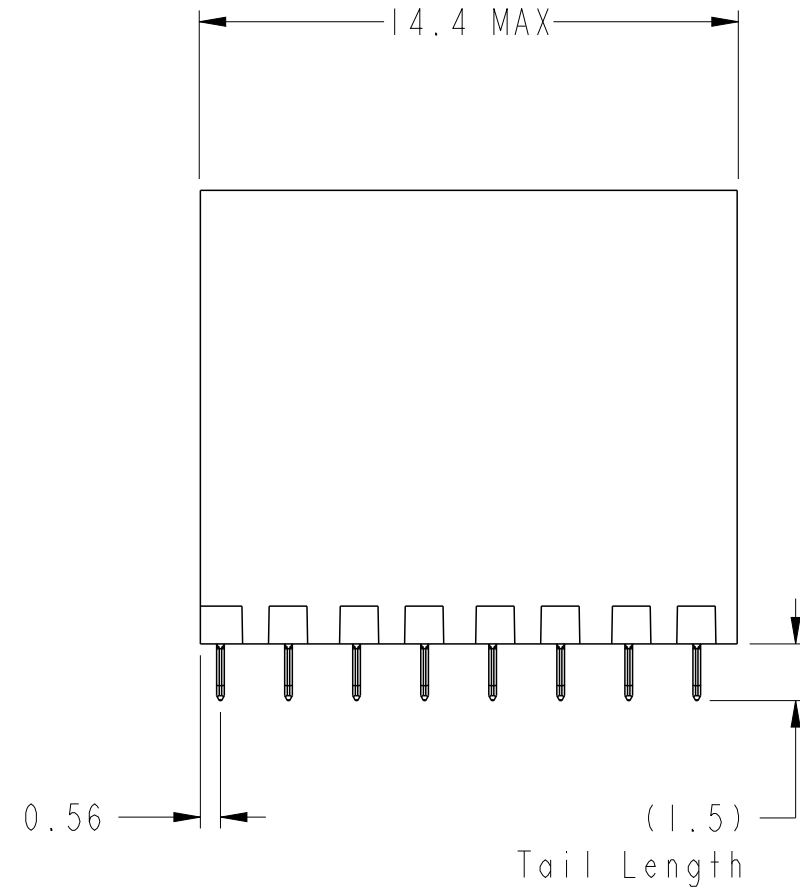
MODULE OUTLINE

PIN A1 HOLE

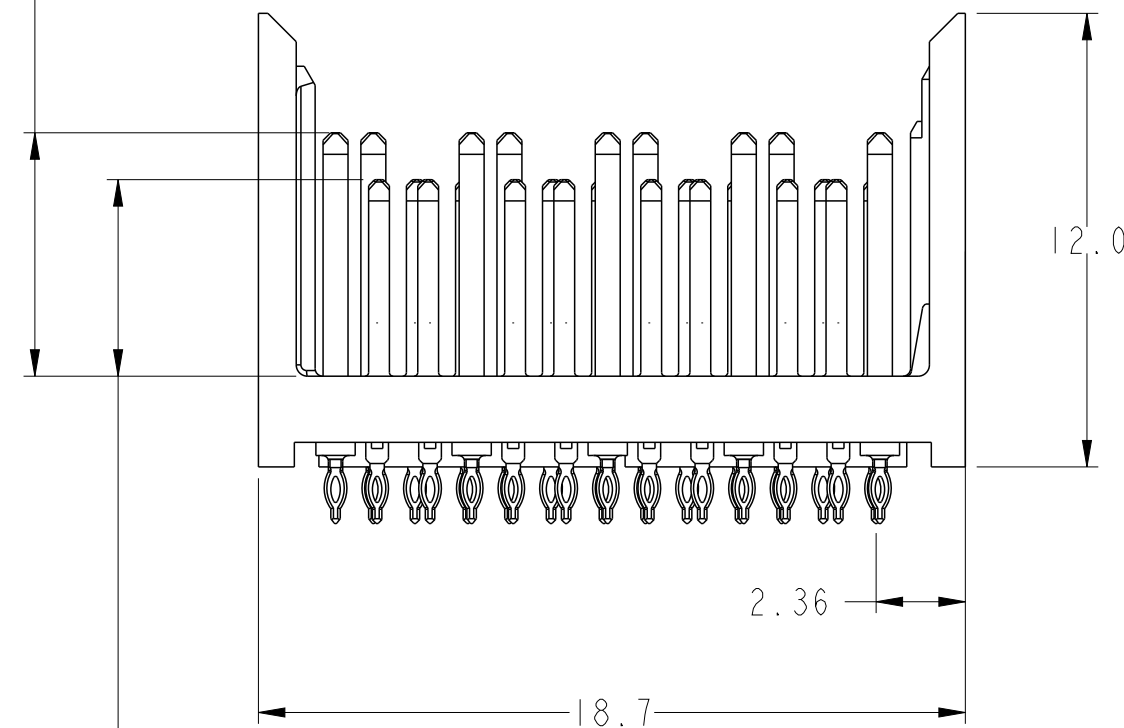


BP HOLE PATTERN COMPONENT SIDE

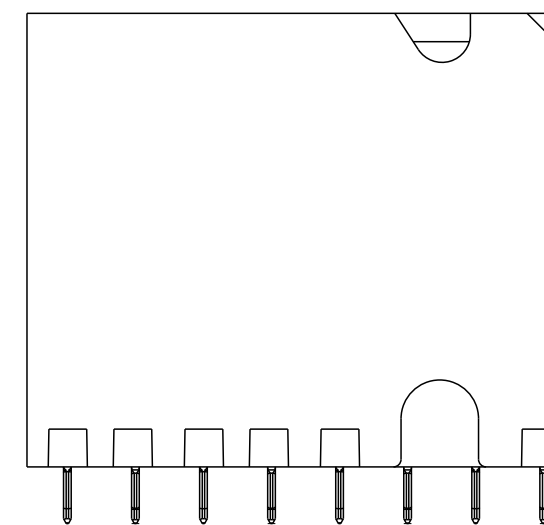
OPEN WALL MODULE BACKPLANE FOOTPRINT

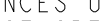


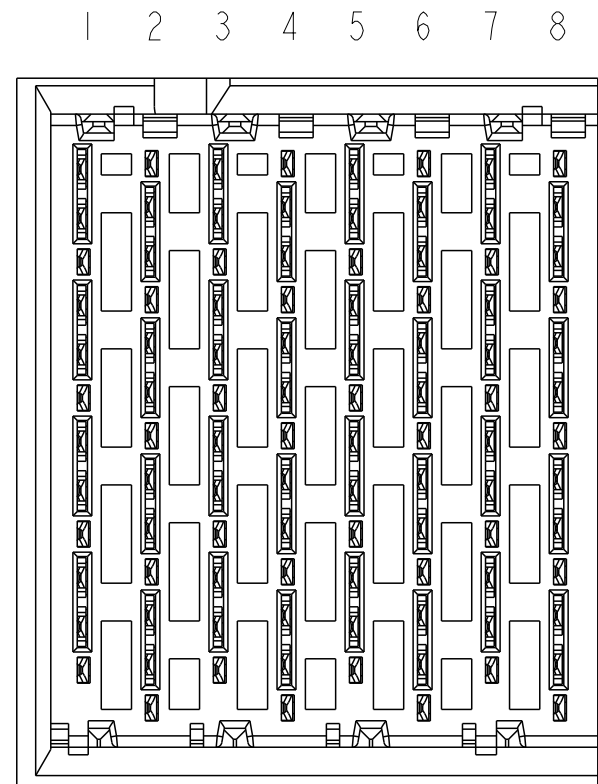
(6.4)
For 4MM Wipe Ground
(5.4)
For 3MM Wipe Ground



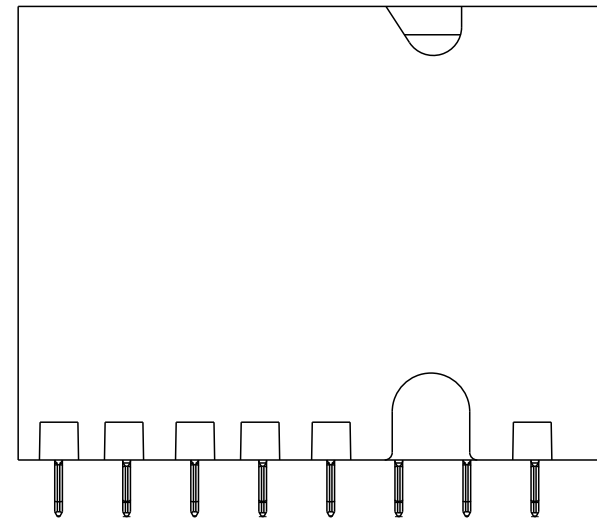
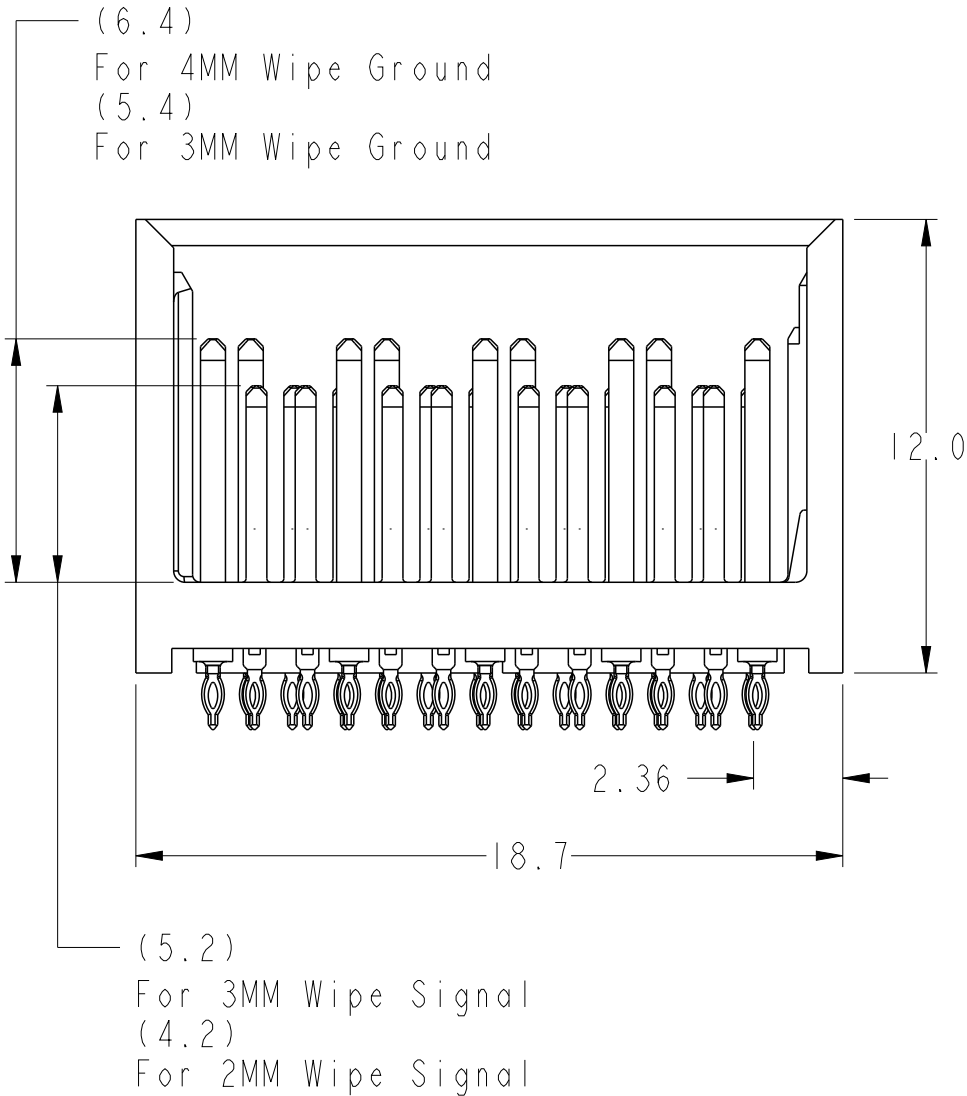
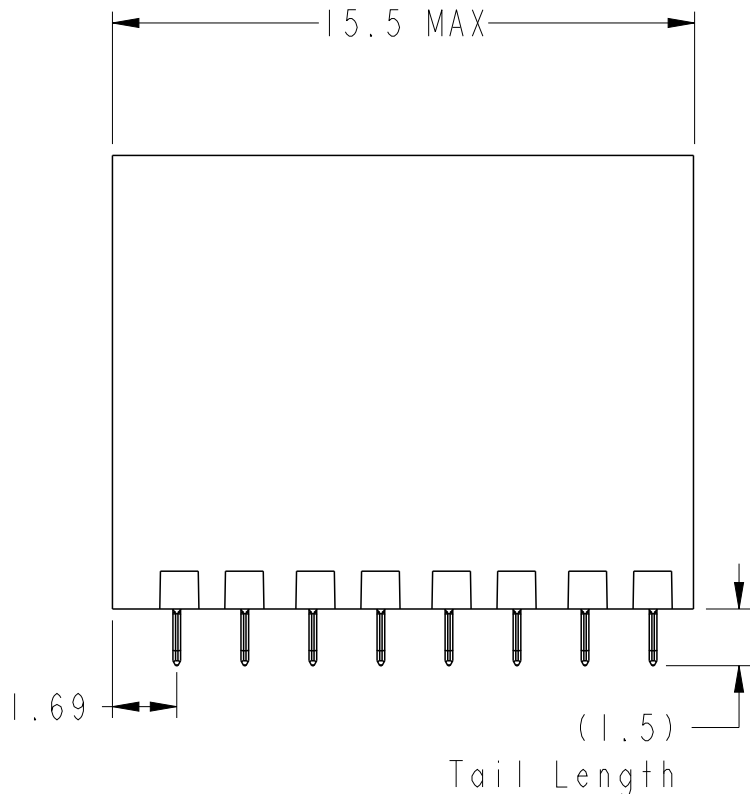
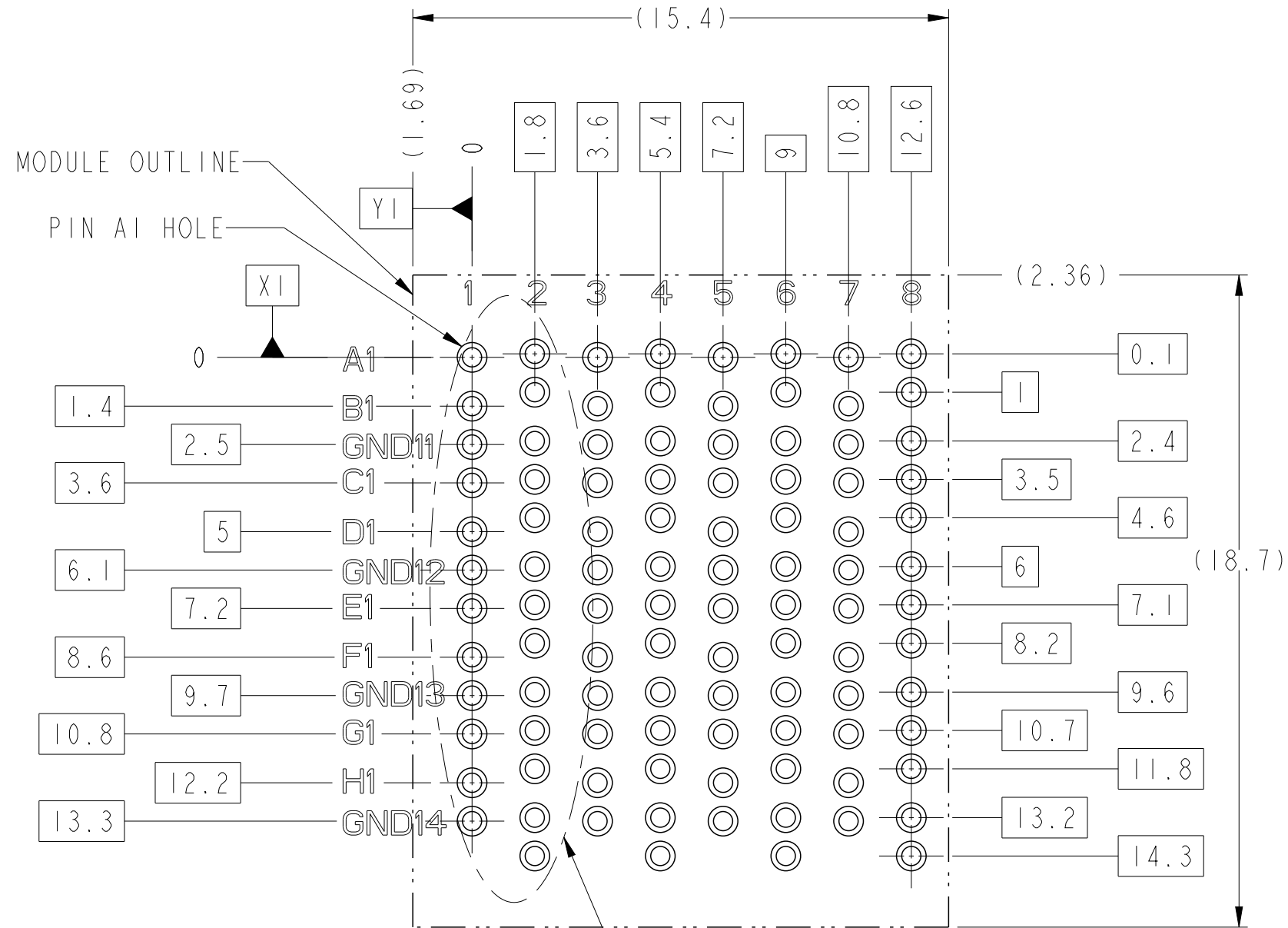
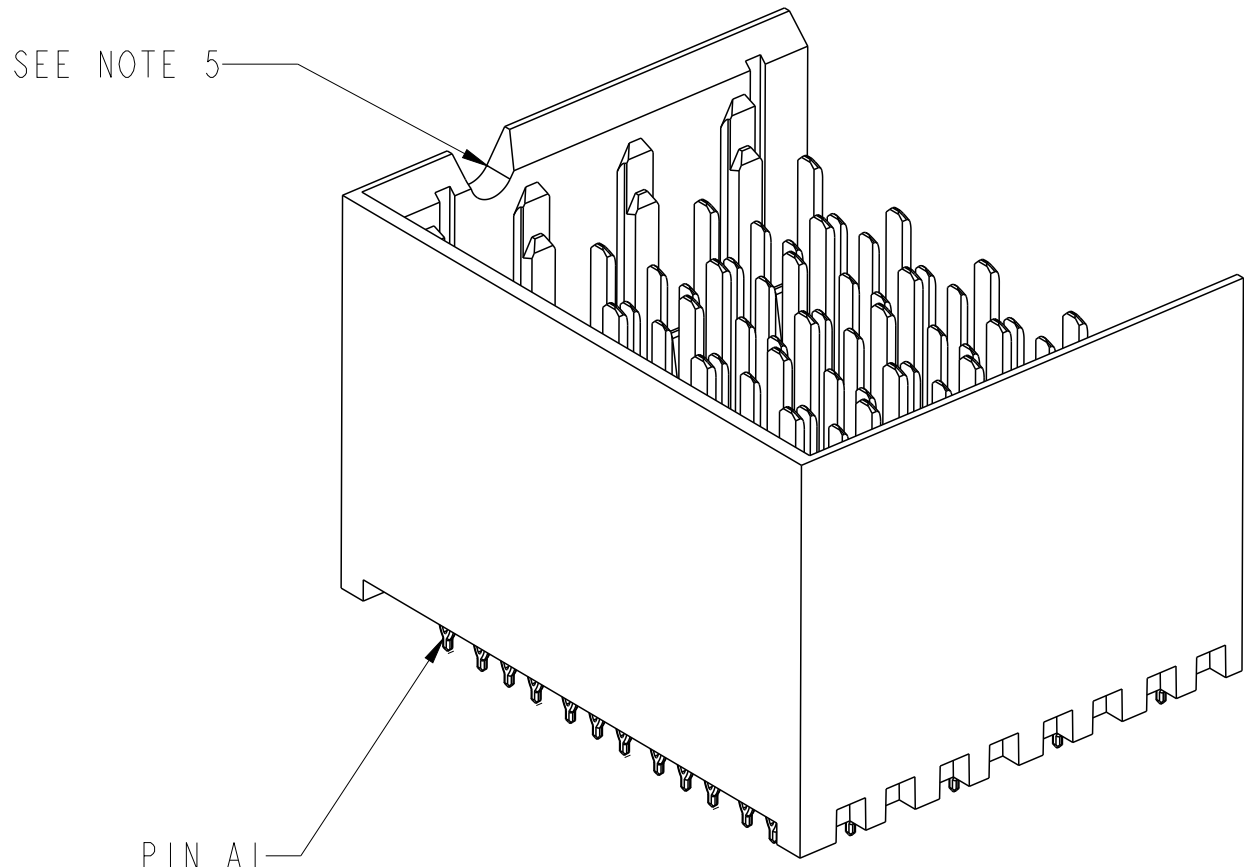
(5.2)
For 3MM Wipe Signal
(4.2)
For 2MM Wipe Signal



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

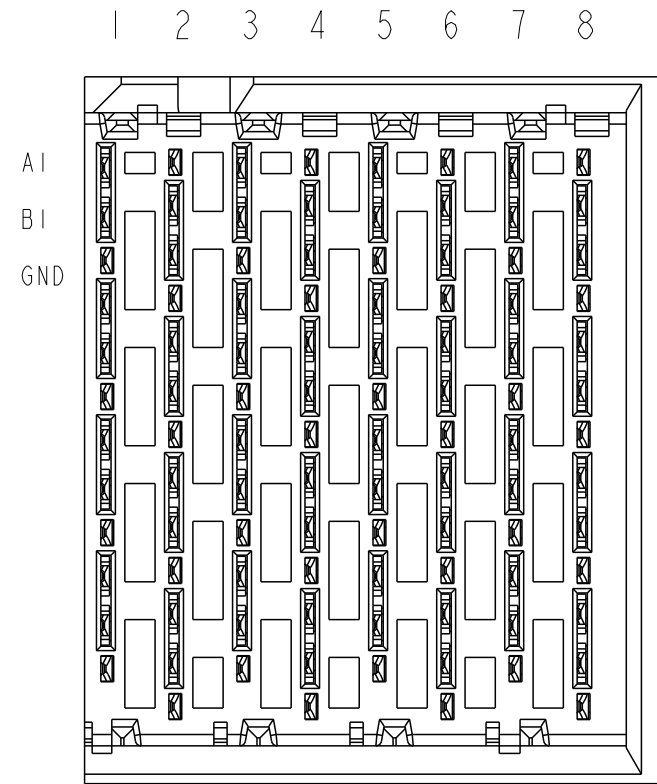


LEFT WALL MODULE

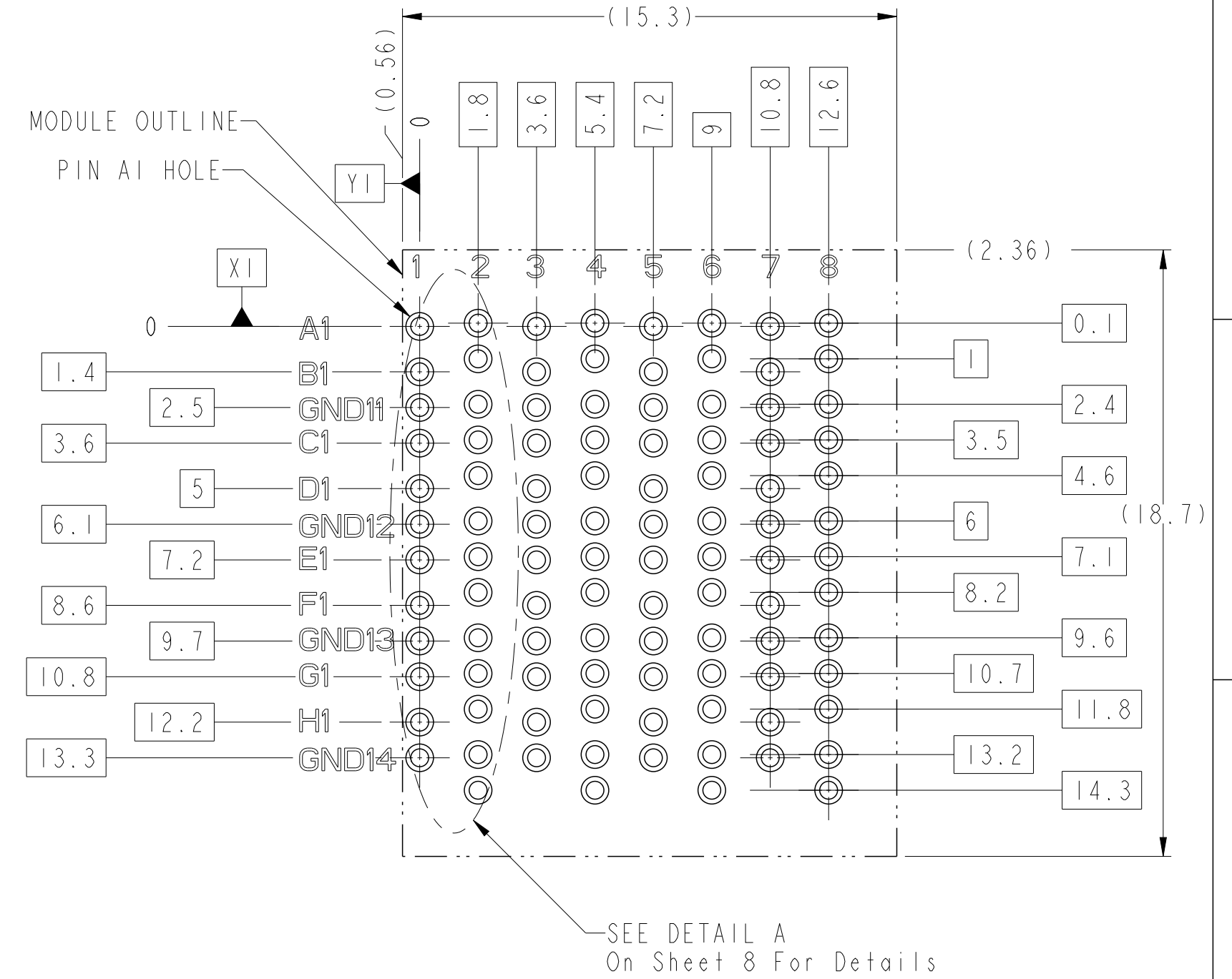
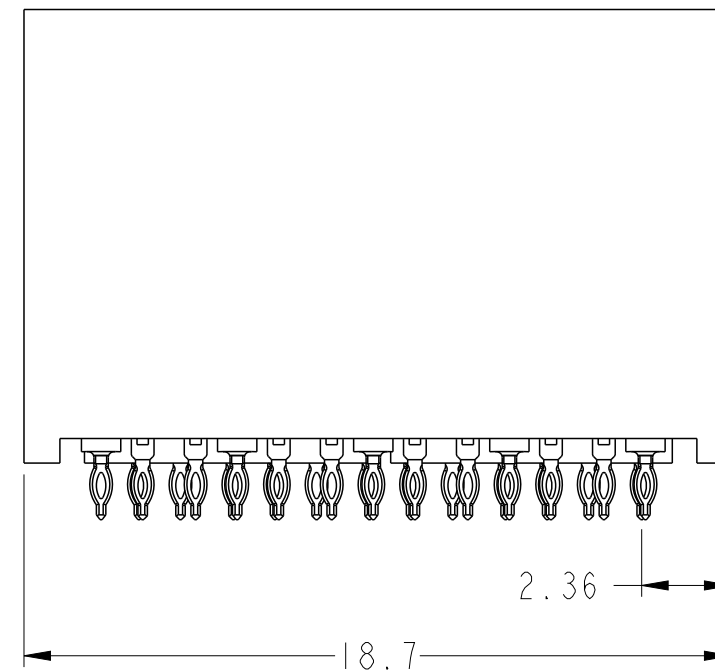
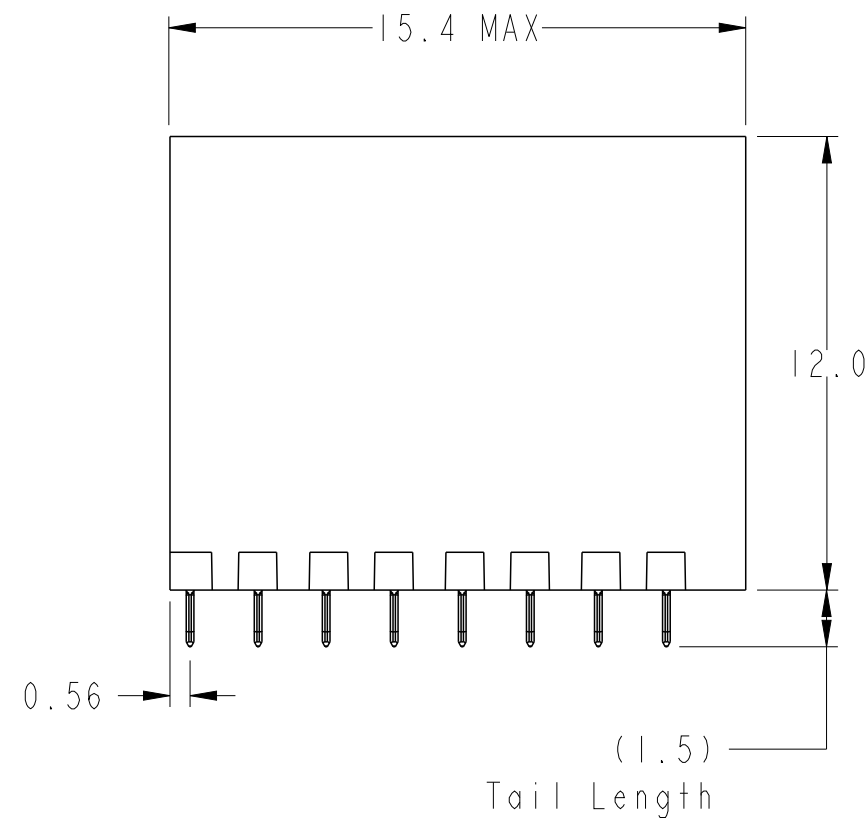
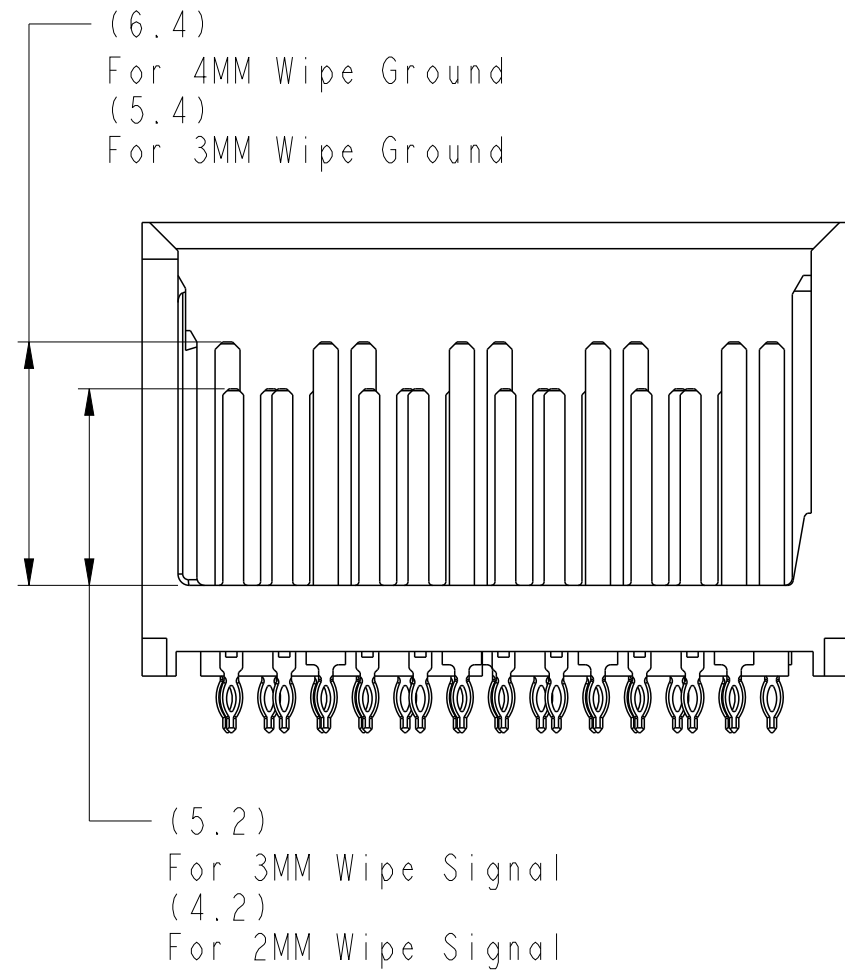


BP HOLE PATTERN COMPONENT SIDE
LEFT WALL MODULE BACKPLANE FOOTPRINT

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						ecn no		ELX-S-17624-1		rel level		Released					
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr		-		-		appr						Chen-Hong Tan		2016/03/17						product family		-	
surface				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		rev		E	
ISO 1302																									

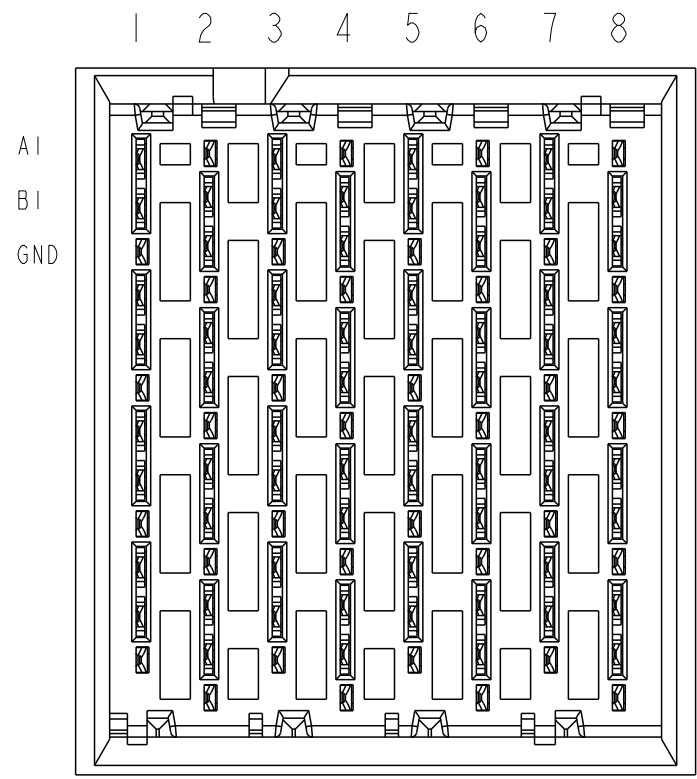


RIGHT WALL MODULE

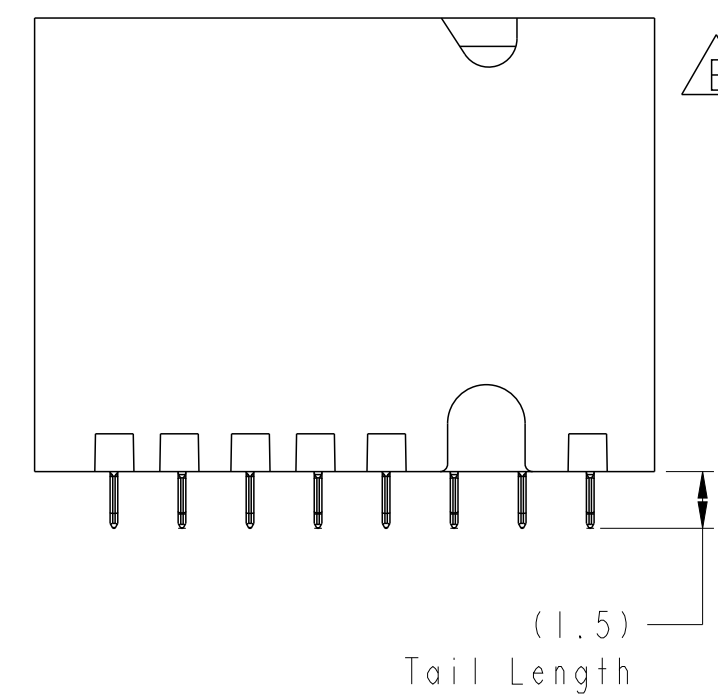
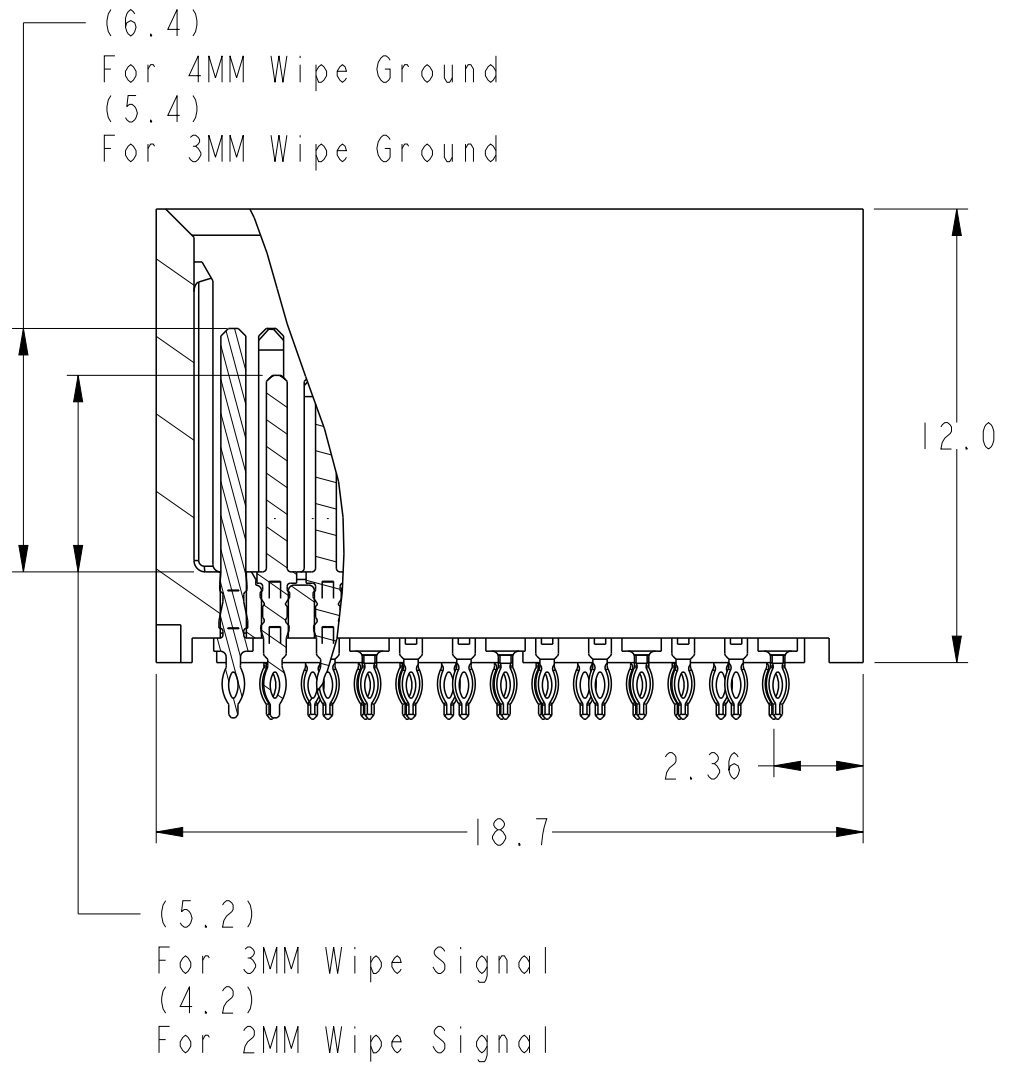
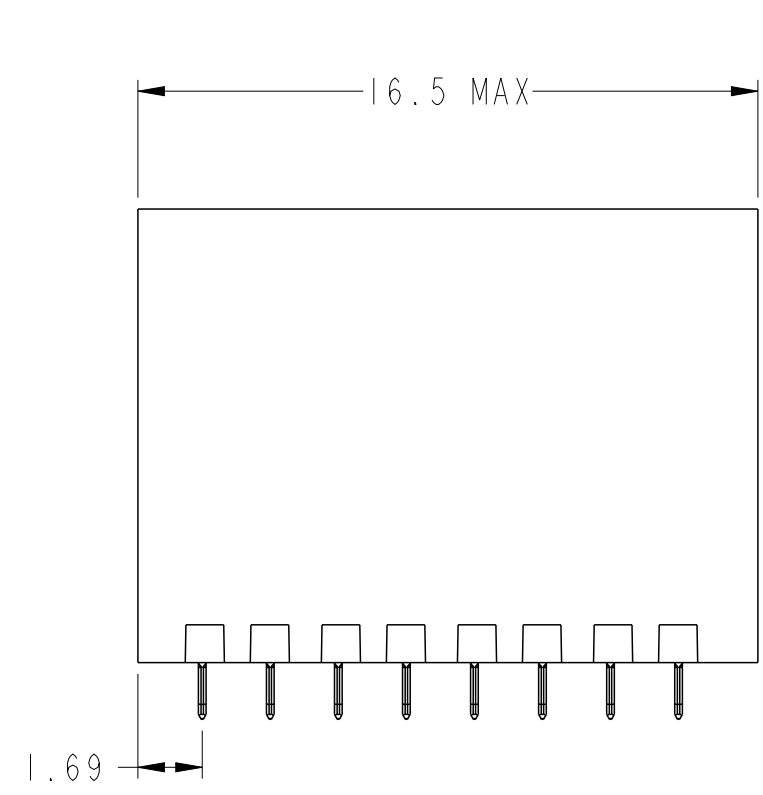
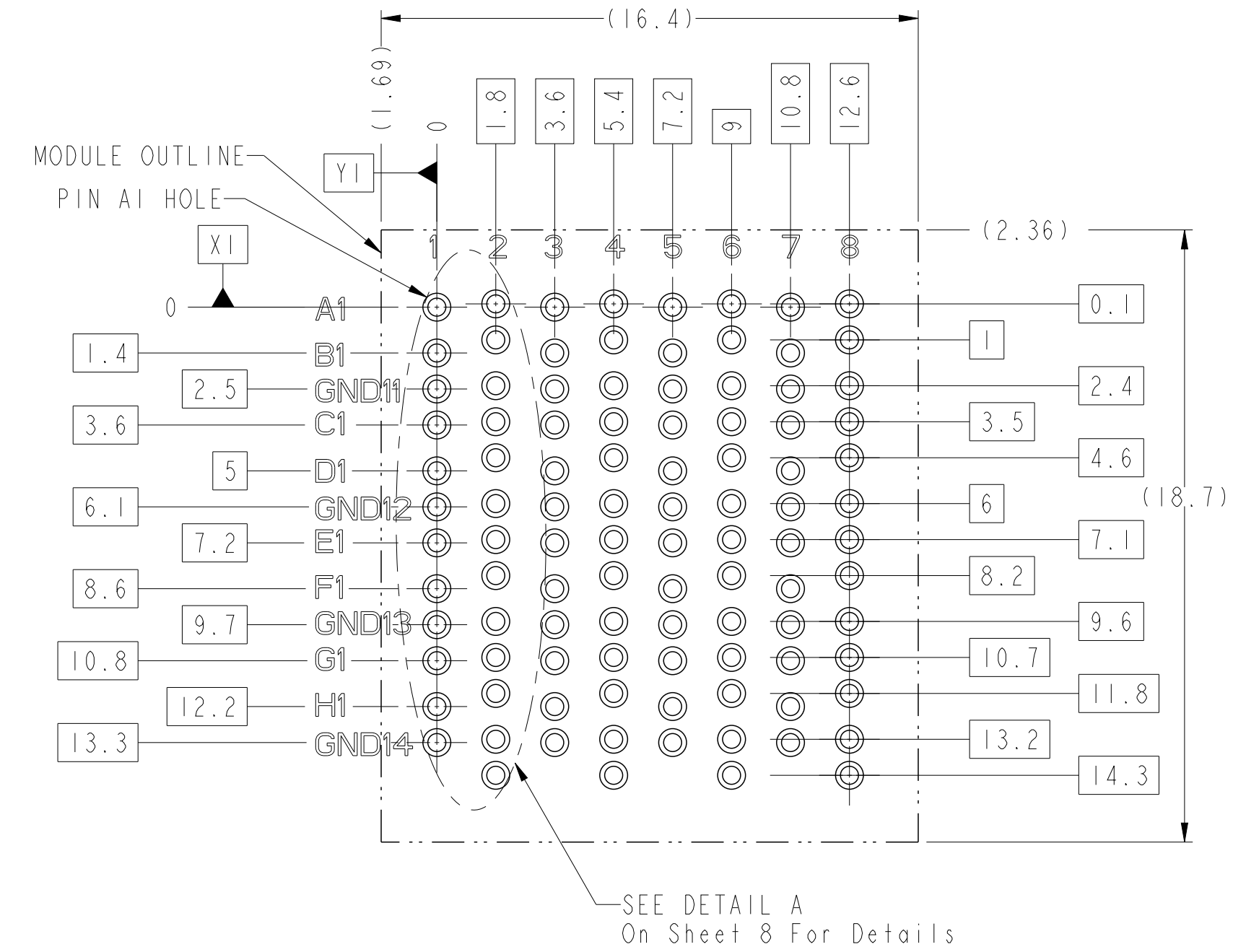
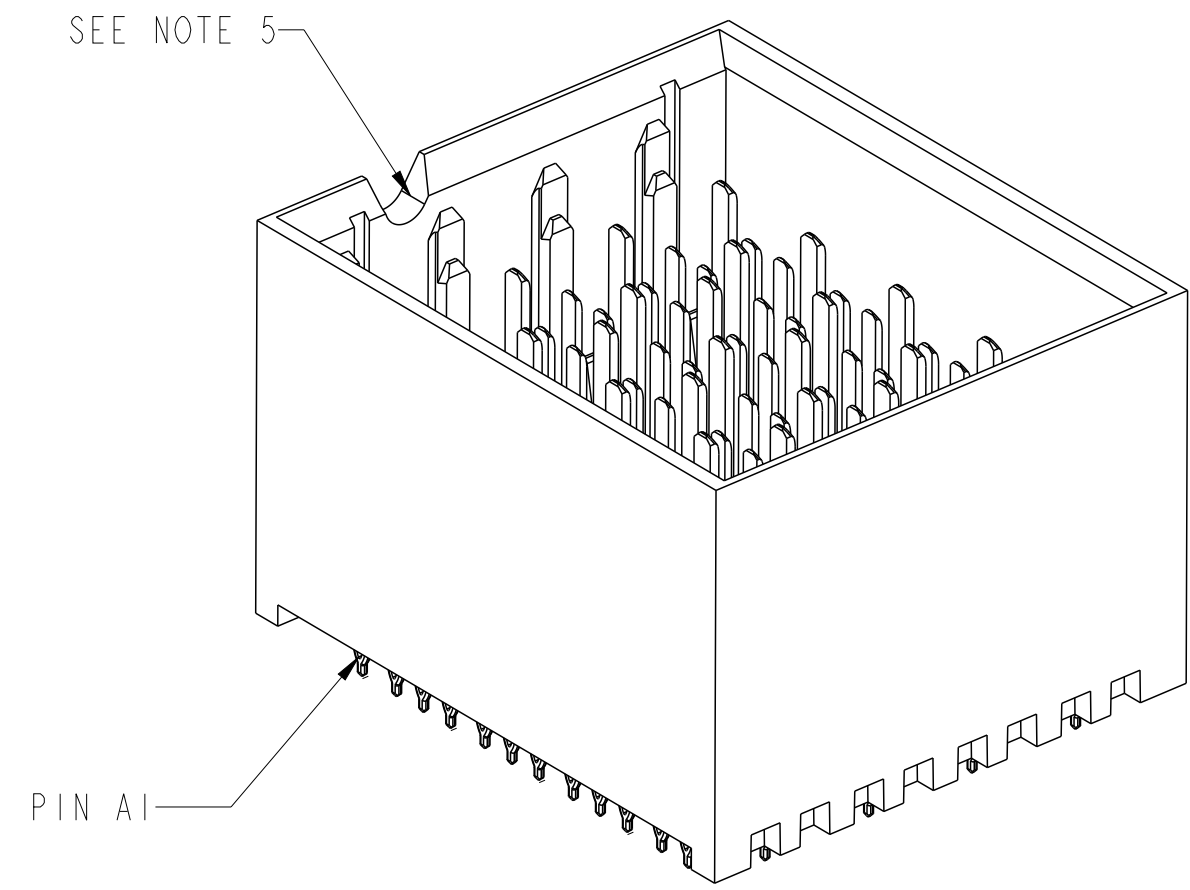


BP HOLE PATTERN COMPONENT SIDE
RIGHT WALL MODULE BACKPLANE FOOTPRINT

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 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



△ 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
linear	0.X ±0.3 0.XX ±0.10 0.XXX ±0.05	Amphenol FCI	title	MODULE ASSEMBLY, XCEDE HD	dwg no	10115091	rev	E		
angular	0° ±2°	www.fci.com	cat. no.	-	Product - Customer Drw	sheet 5 of 8				

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

Y1

0

1.4

2.5

3.6

5

6.1

7.2

8.6

9.7

(9.97)

10.8

12.2

13.3

Ø 2.55

Ø 2.35

Ø 0.15 X1 Y1

SEE NOTE 11 & TABLE 1

1.4

2.5

3.6

5

6.1

7.2

8.6

9.7

10.8

12.2

13.3

Ø 2.55

Ø 2.35

Ø 0.15 X1 Y1

SEE NOTE 11 & TABLE 1

1.4

2.5

3.6

5

6.1

7.2

8.6

9.7

10.8

12.2

13.3

Ø 2.55

Ø 2.35

Ø 0.15 X1 Y1

SEE NOTE 11 & TABLE 1

1.4

2.5

3.6

5

6.1

7.2

8.6

9.7

10.8

12.2

13.3

Ø 2.55

Ø 2.35

Ø 0.15 X1 Y1

SEE NOTE 11 & TABLE 1

1.4

2.5

3.6

5

6.1

7.2

8.6

9.7

10.8

12.2

13.3

Ø 2.55

Ø 2.35

Ø 0.15 X1 Y1

SEE NOTE 11 & TABLE 1

1.4

2.5

3.6

5

6.1

7.2

8.6

9.7

10.8

12.2

13.3

Ø 2.55

Ø 2.35

Ø 0.15 X1 Y1

SEE NOTE 11 & TABLE 1

1.4

2.5

3.6

5

6.1

7.2

8.6

9.7

10.8

12.2

13.3

Ø 2.55

Ø 2.35

Ø 0.15 X1 Y1

SEE NOTE 11 & TABLE 1

1.4

2.5

3.6

5

6.1

7.2

8.6

9.7

10.8

12.2

13.3

Ø 2.55

Ø 2.35

Ø 0.15 X1 Y1

SEE NOTE 11 & TABLE 1

1.4

2.5

3.6

5

6.1

7.2

8.6

9.7

10.8

12.2

13.3

Ø 2.55

Ø 2.35

Ø 0.15 X1 Y1

SEE NOTE 11 & TABLE 1

1.4

2.5

3.6

5

6.1

7.2

8.6

9.7

10.8

12.2

13.3

Ø 2.55

Ø 2.35

Ø 0.15 X1 Y1

SEE NOTE 11 & TABLE 1

1.4

2.5

3.6

5

6.1

7.2

8.6

9.7

10.8

12.2

13.3

Ø 2.55

Ø 2.35

Ø 0.15 X1 Y1

SEE NOTE 11 & TABLE 1

1.4

2.5

3.6

5

6.1

7.2

8.6

9.7

10.8

12.2

13.3

Ø 2.55

Ø 2.35

Ø 0.15 X1 Y1

SEE NOTE 11 & TABLE 1

BP HOLE PATTERN COMPONENT SIDE

LEFT POLARIZING GUIDE MODULE
BACKPLANE FOOTPRINT

28.5±0.3

(1.5)
Tail Length

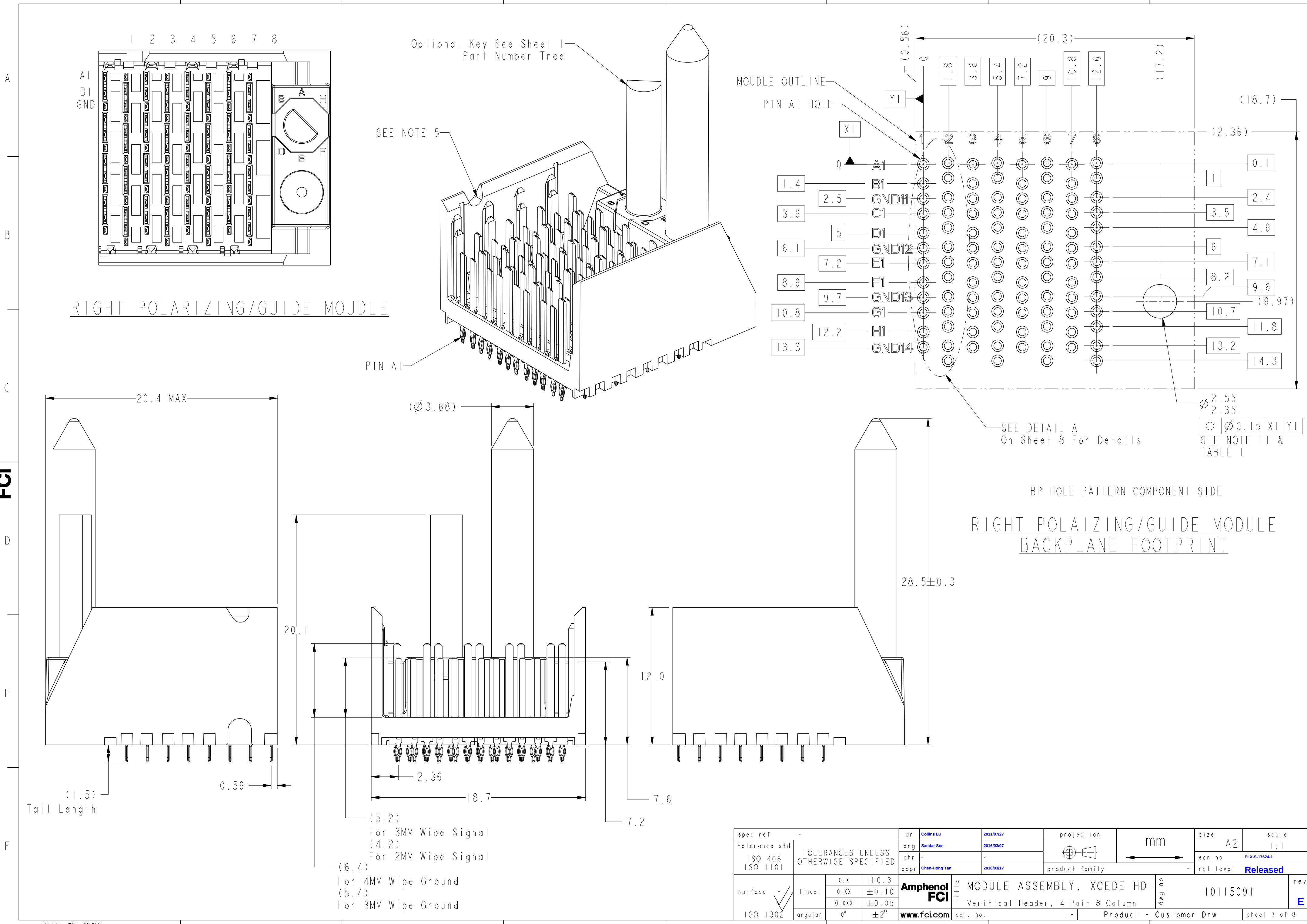
(5.2)
For 3MM Wipe Signal
(4.2)
For 2MM Wipe Signal
(6.4)
For 4MM Wipe Ground
(5.4)
For 3MM Wipe Ground

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

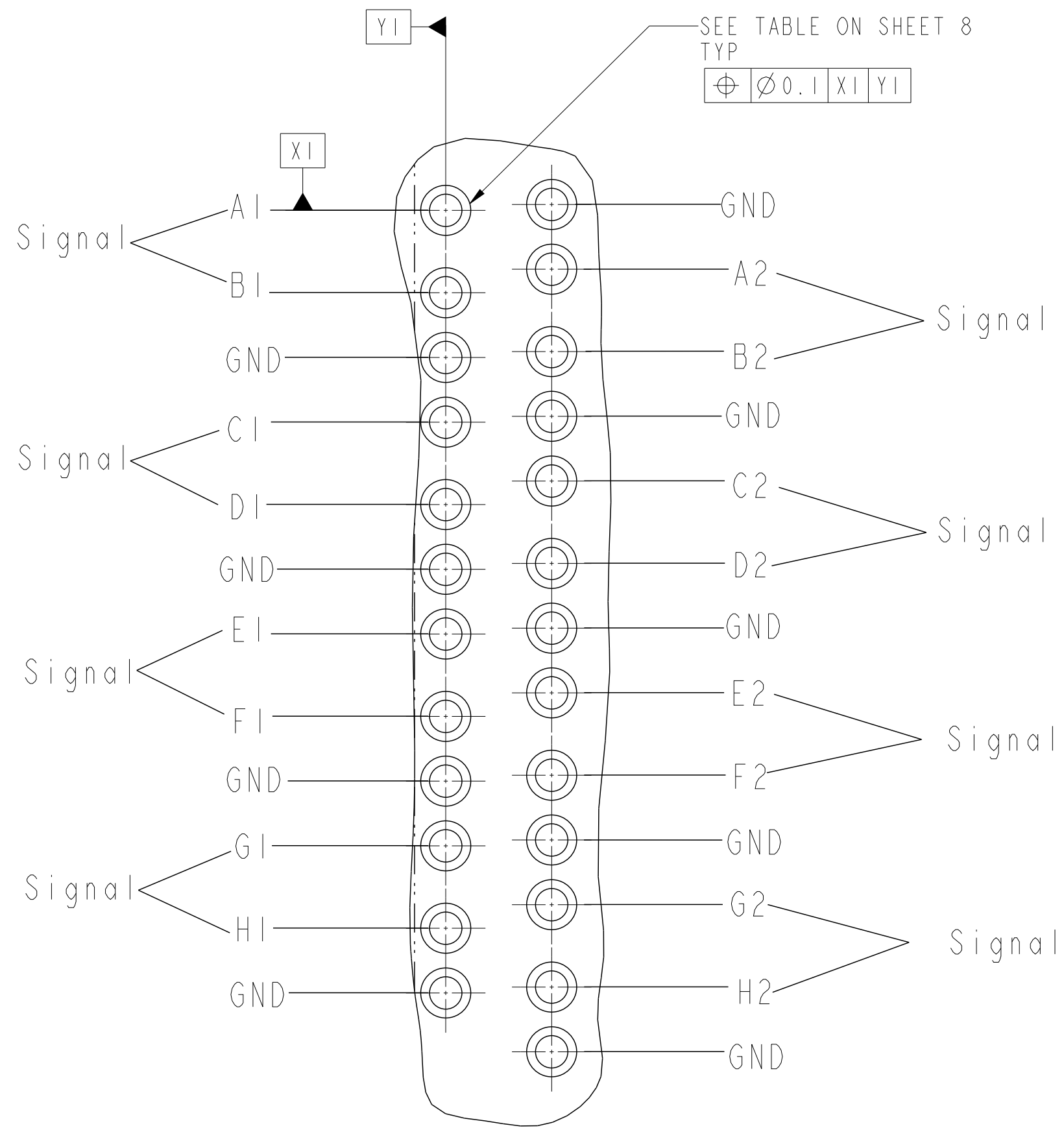
PDS: Rev :E

STATUS:Released

Printed: Mar 17, 2016



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 Ø0.55[0.0217"]	COMPLIANT PIN DRILL Ø0.45[0.0177"]
PTH	Ø0.45±0.05	Ø0.36±0.05
DRILL	Ø0.55 [0.0217"]	Ø0.45 [0.0177"]
PAD	Ø0.85	Ø0.75

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  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									
		TOLERANCES UNLESS OTHERWISE SPECIFIED		appr		Chen-Hong Tan		2016/03/17		product family						rel level		Released									
surface		ISO 1302		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 Veriticle Header, 4 Pair 8 Column		dwg no		10115091		rev		E	

Компания «Океан Электроники» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Поставка оригинальных импортных электронных компонентов напрямую с производств Америки, Европы и Азии, а так же с крупнейших складов мира;
- Широкая линейка поставок активных и пассивных импортных электронных компонентов (более 30 млн. наименований);
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Компания «Океан Электроники» является официальным дистрибьютором и эксклюзивным представителем в России одного из крупнейших производителей разъемов военного и аэрокосмического назначения «JONHON», а так же официальным дистрибьютором и эксклюзивным представителем в России производителя высокотехнологичных и надежных решений для передачи СВЧ сигналов «FORSTAR».



JONHON

«JONHON» (основан в 1970 г.)

Разъемы специального, военного и аэрокосмического назначения:

(Применяются в военной, авиационной, аэрокосмической, морской, железнодорожной, горно- и нефтедобывающей отраслях промышленности)

«FORSTAR» (основан в 1998 г.)

ВЧ соединители, коаксиальные кабели,
кабельные сборки и микроволновые компоненты:

(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).



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