

10119128 - X0C - XXXLF

LEAD-FREE DESIGNATION
ONLY WITH APPLICABLE
PLATING CODES

6-COLUMN
DIFFERENTIAL
SIGNAL

LETTER	PLATING (SEE NOTE 6)	
	APPLICATION	TYPE (REFERENCE)
B	TELCORDIA CO	0.76µm GOLD or GXT
C	TELCORDIA UE	1.27µm GOLD
D	TELCORDIA CO	0.76µm GOLD or GXT, LEAD-FREE
E	TELCORDIA UE	1.27µm 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 10119128-XXXX, WHERE: "X" DENOTES MODULE TYPE PER CHART ON THIS SHEET "YYYY" IS A SEQUENTIAL NUMBER BEGINNING WITH "0001".

TABLE 1 (SEE NOTE 11)		
	UNGROUND	GROUND
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"

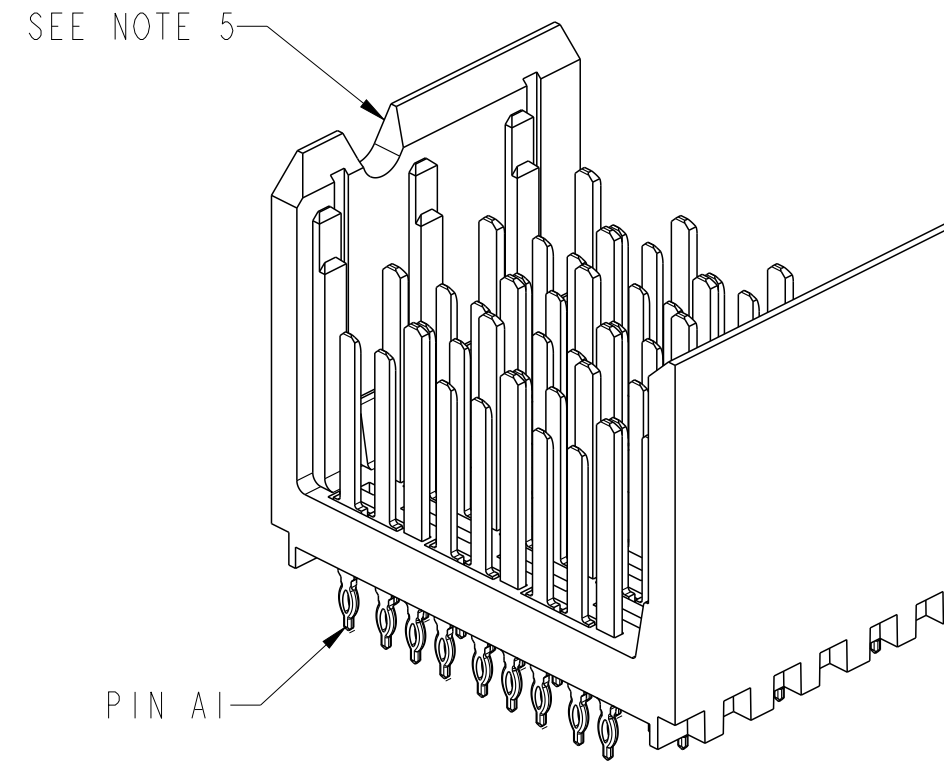
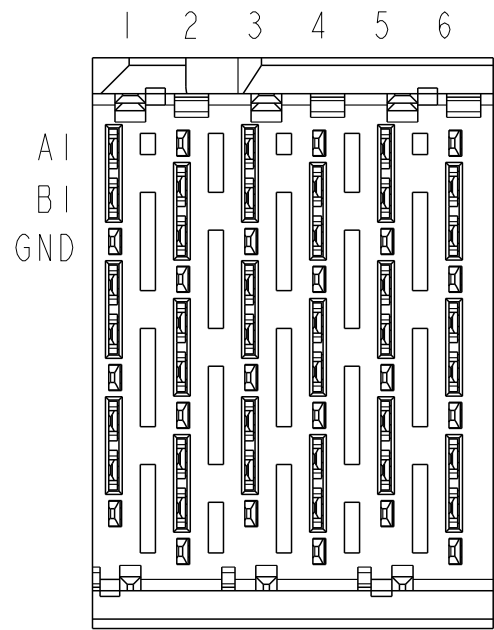
TABLE 2 (SEE NOTE 12)		
SCREW P/N	DESCRIPTION	BOARD THICKNESS
10091790-002LF	#2-56 X 0.375" LG. PHILIPS PANHEAD W/SQ CONICAL WASHER	1.60-5.00mm
10091790-003LF	#2-56 X 0.375" LG. PHILIPS PANHEAD W/SQ CONICAL WASHER	5.00-10.00mm

spec ref	-	dr	Marty Glass	2012/02/02	projection	MM	size	A2	scale	5:1
tolerance std	ISO 406 ISO 1101	eng	Sandar Soe	2013/03/20	chr	-	ecn no	ELX-S-14229-1	Released	
surface	ISO 1302	appr	Chen-Hong Tan	2013/04/09	product family	XCEDE HD	rel level			
TOLERANCES UNLESS OTHERWISE SPECIFIED		FCI		title		XCEDE HD VERTICAL HEADER		3 PAIR, 6 COLUMN STITCH HEADER		rev
linear		0.X ±0.3		0.XX ±0.10		0.XXX ±0.05		angular		0° ±2°
angular		0°		±2°						
www.fci.com		cat. no.		-		Product - Customer Drw		sheet 1 of 8		

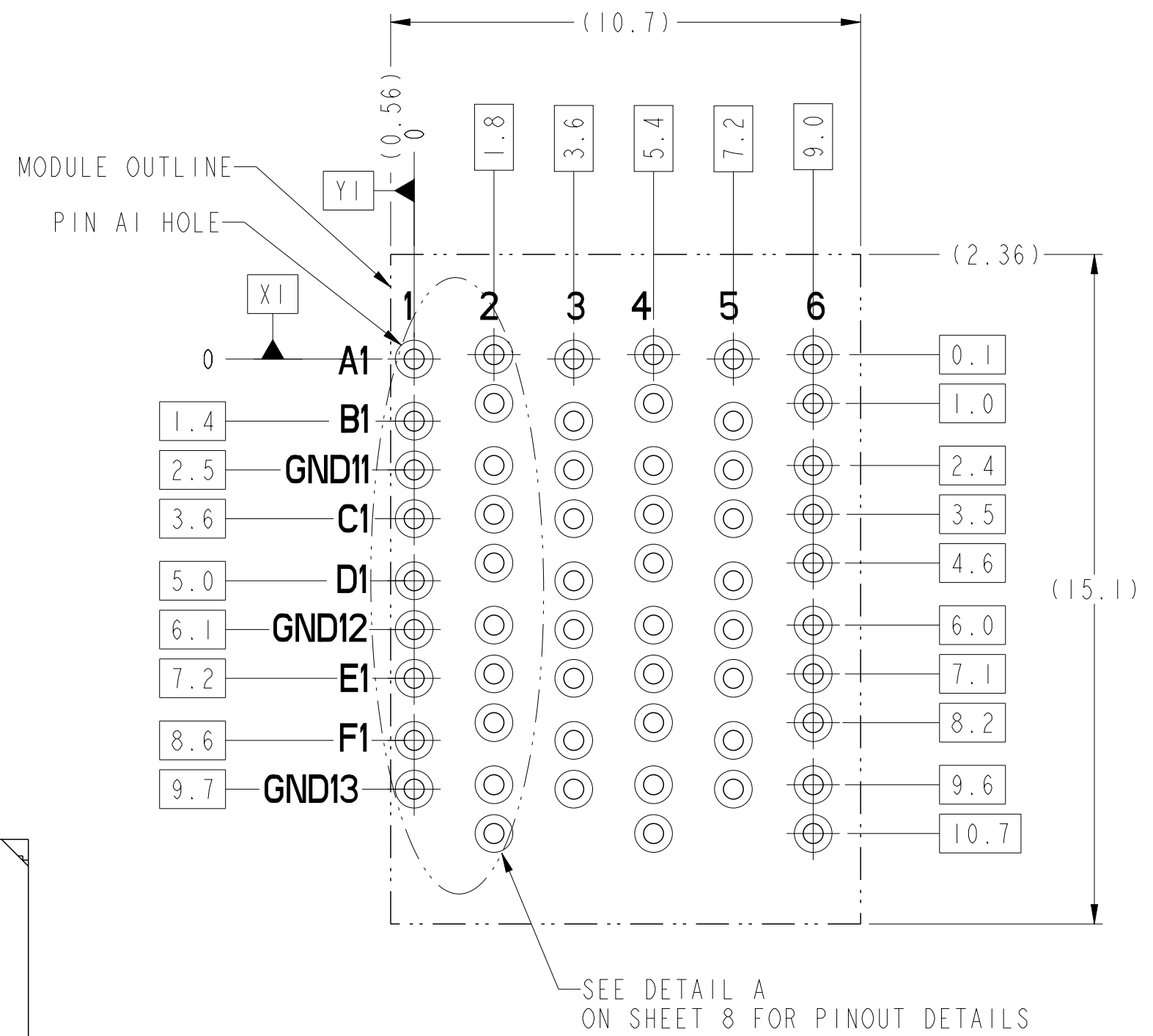
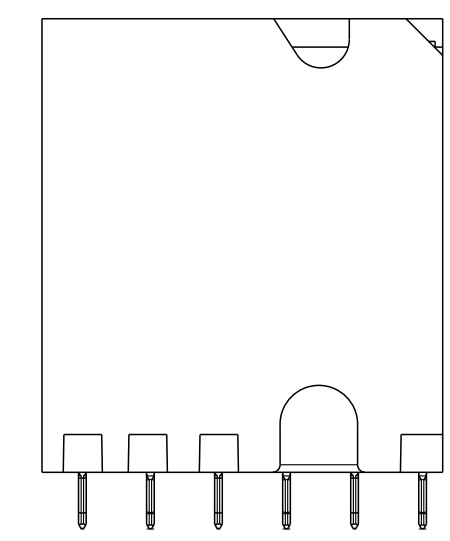
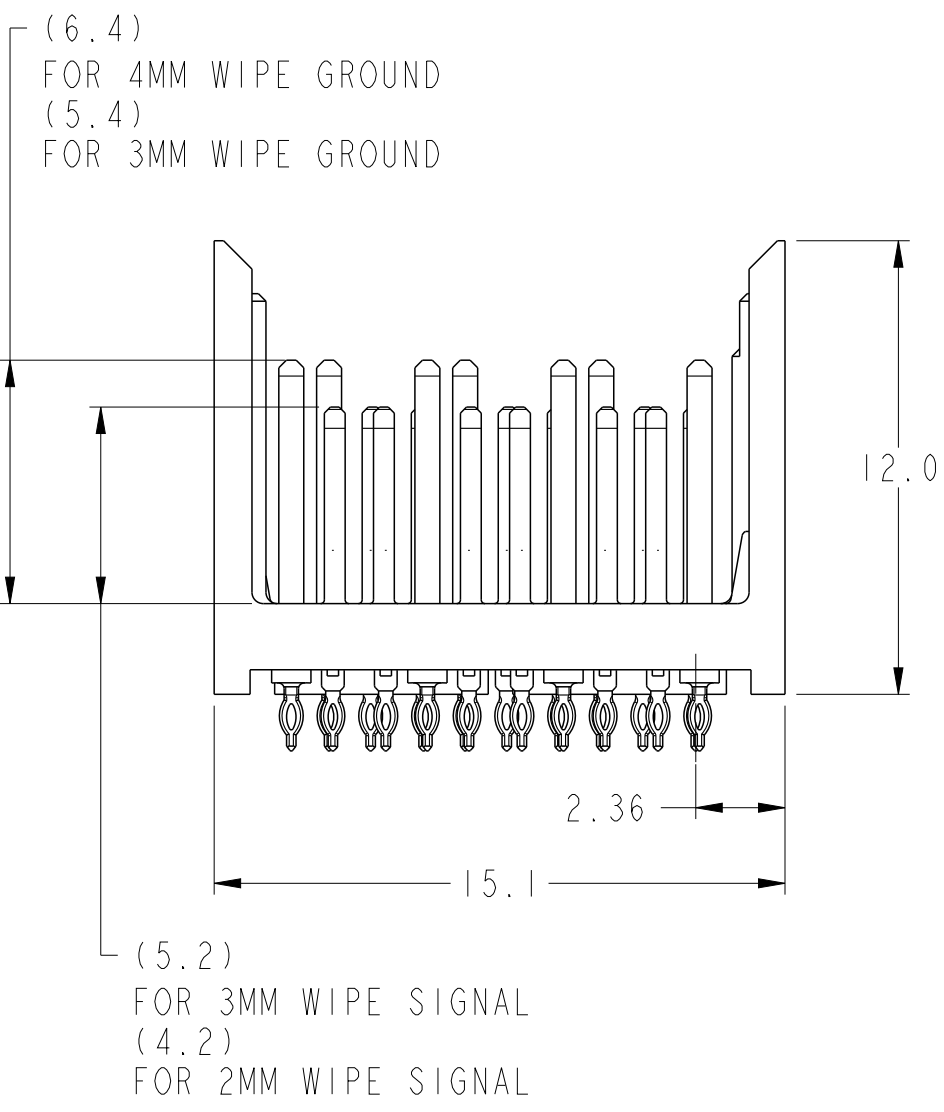
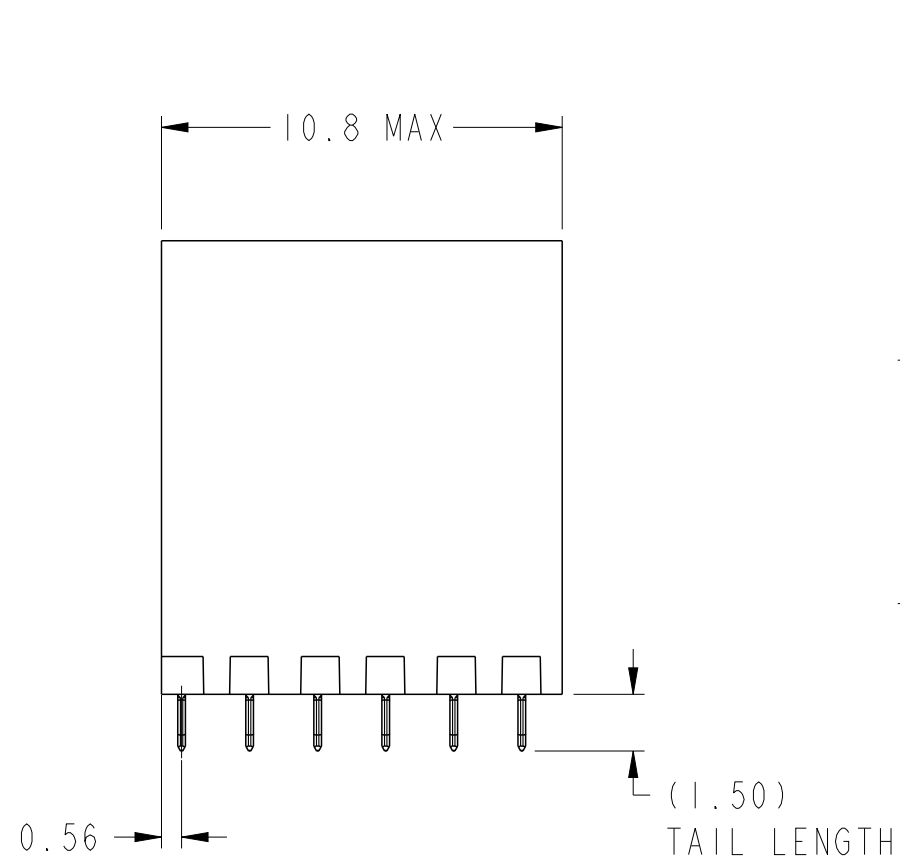
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OPEN WALL MODULE

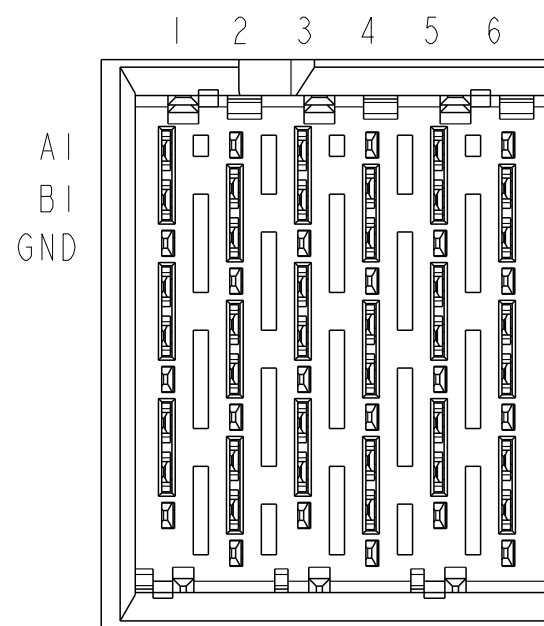


OPEN WALL MODULE BACKPLANE FOOTPRINT

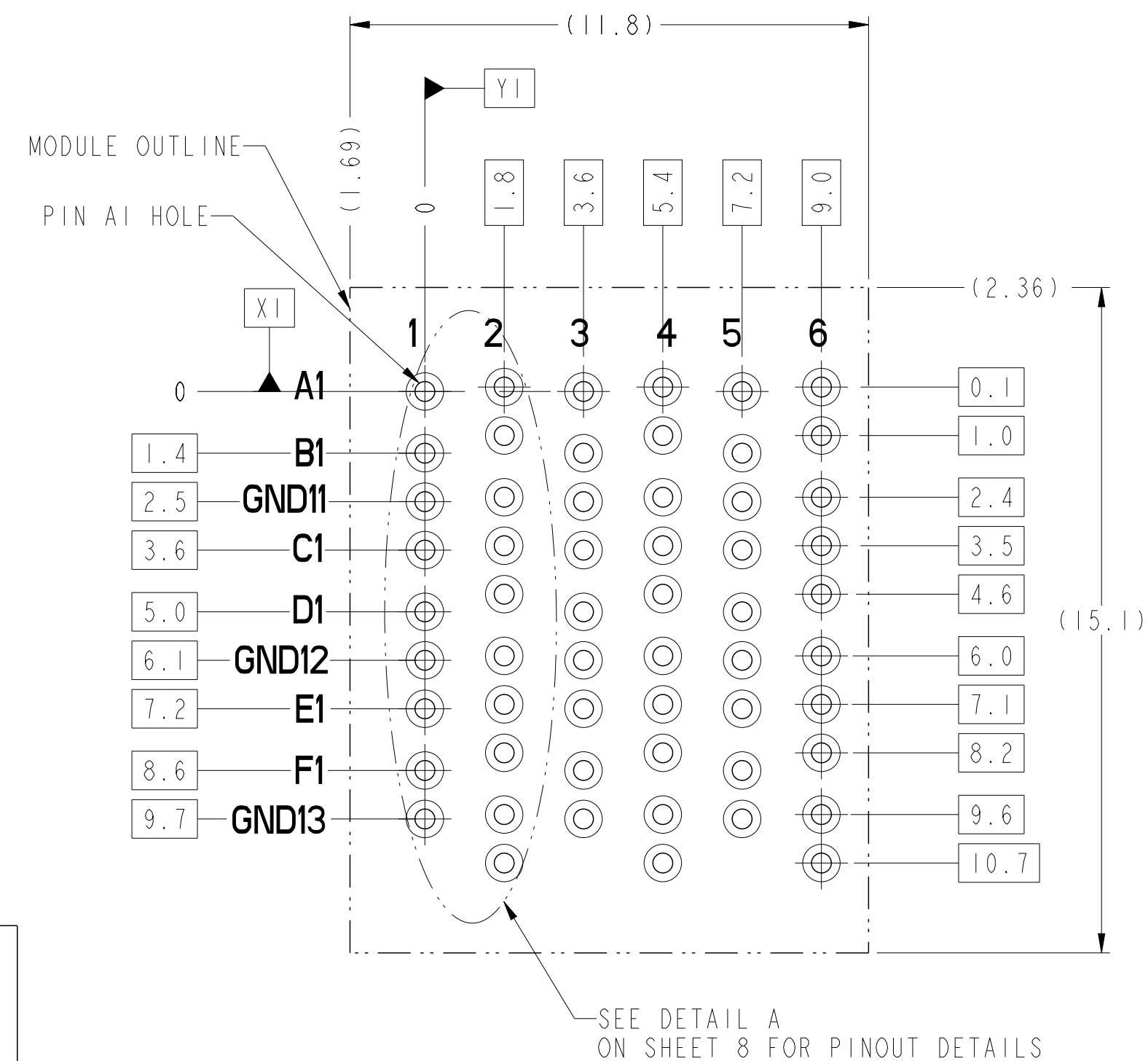
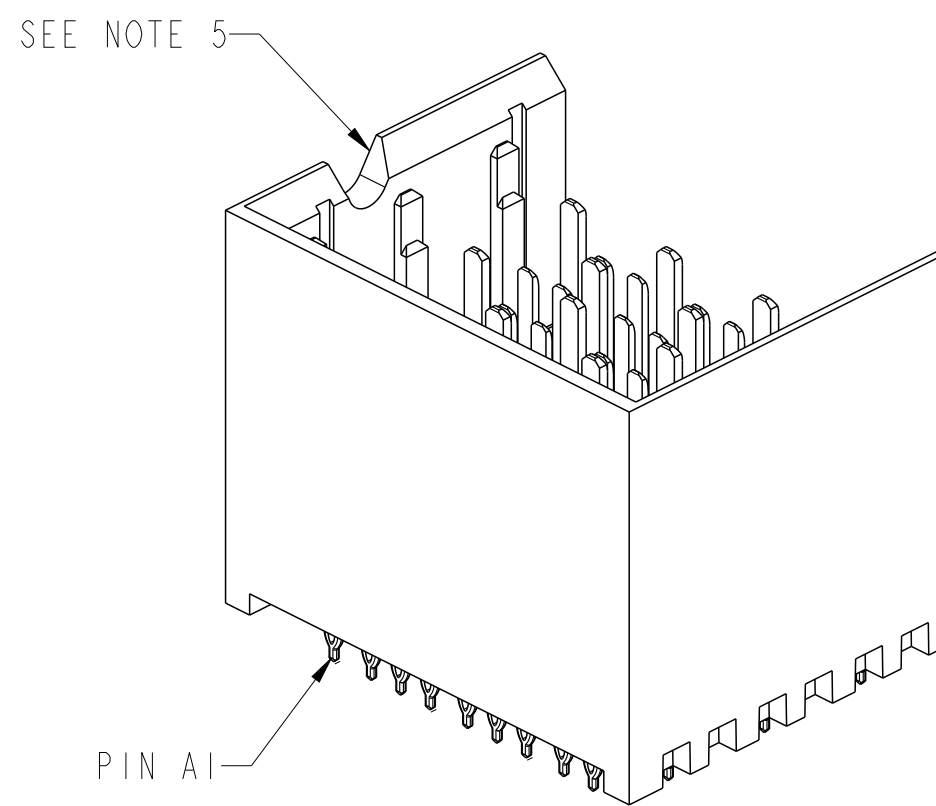


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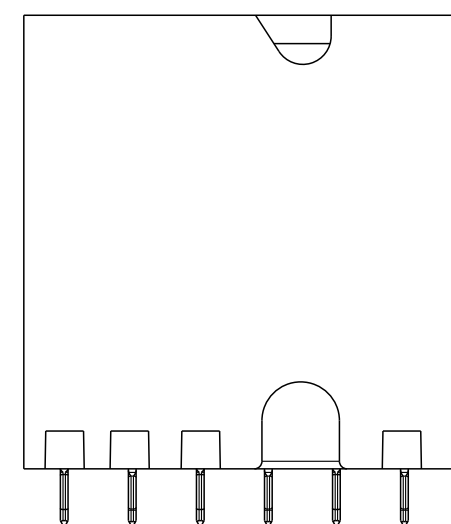
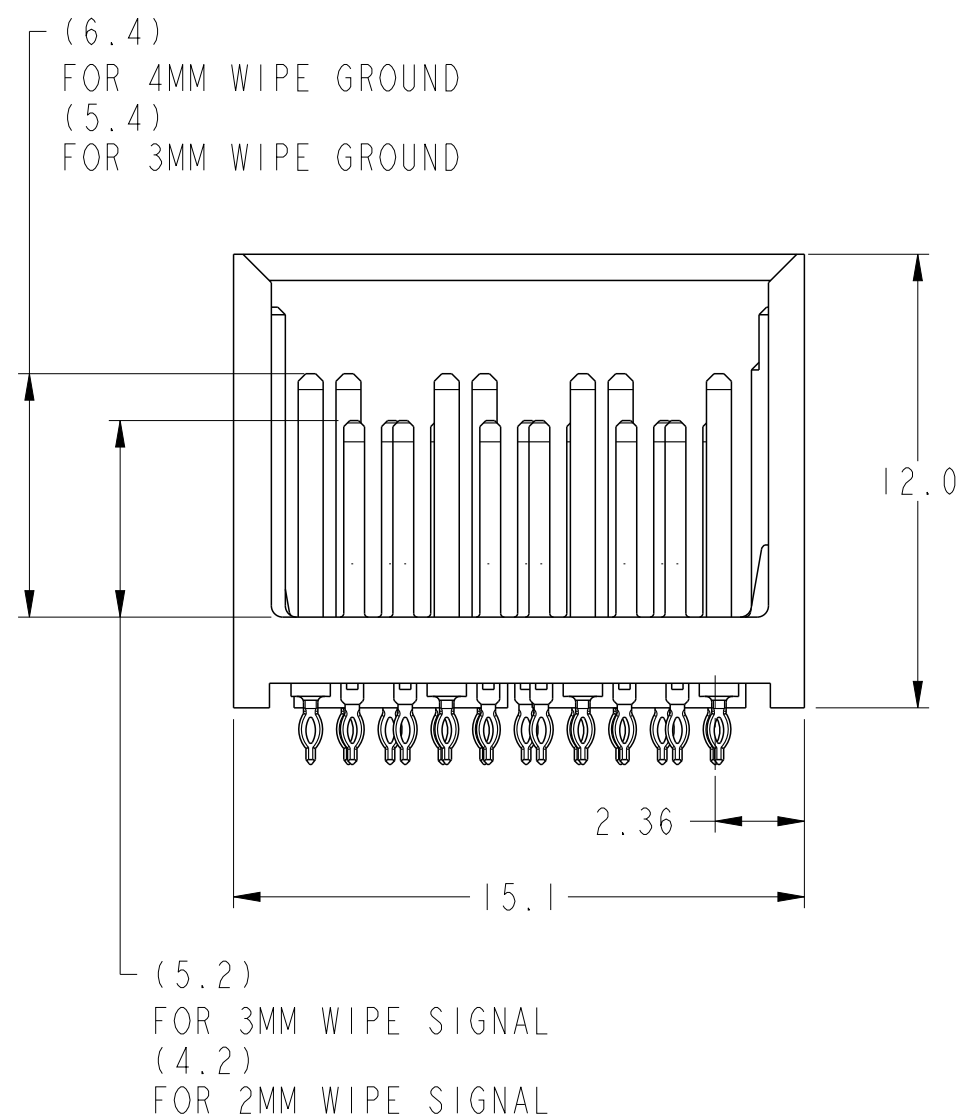
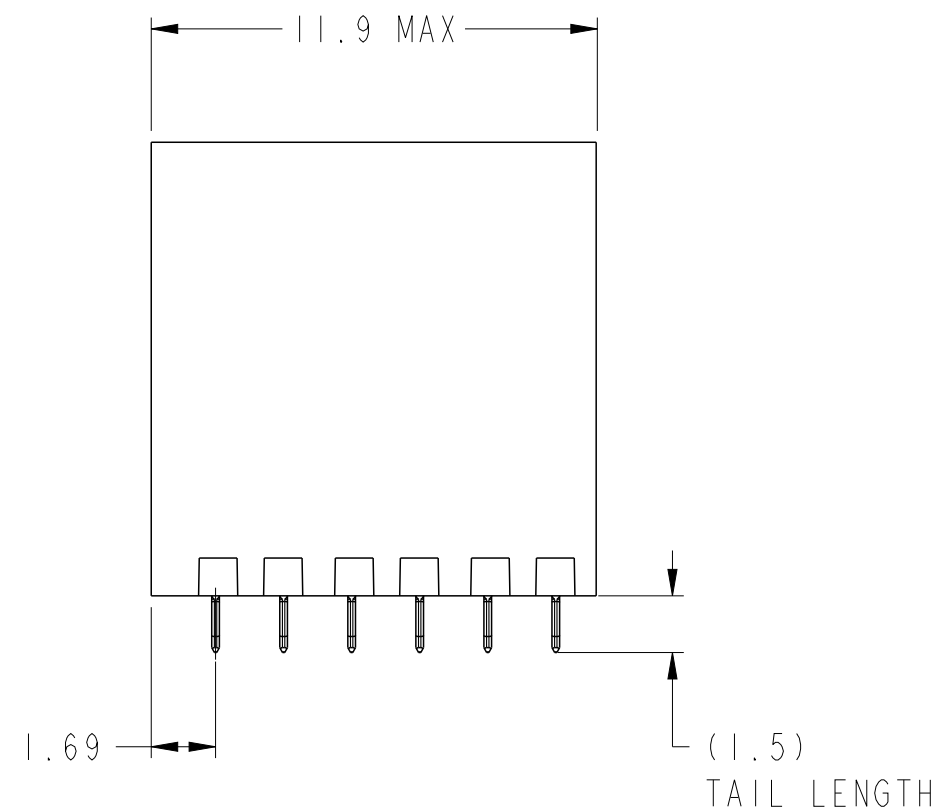
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tolerance std ISO 406 ISO 1101		eng Sandar Soe		2013/03/20						ecn no ELX-S-14229-1			
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr -		-									
		appr Chen-Hong Tan		2013/04/09		product family XCEDE HD		rel level Released					
surface		linear		0.X ±0.3				title XCEDE HD VERTICAL HEADER 3 PAIR, 6 COLUMN STITCH HEADER		dwg no 10119128		rev B	
				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

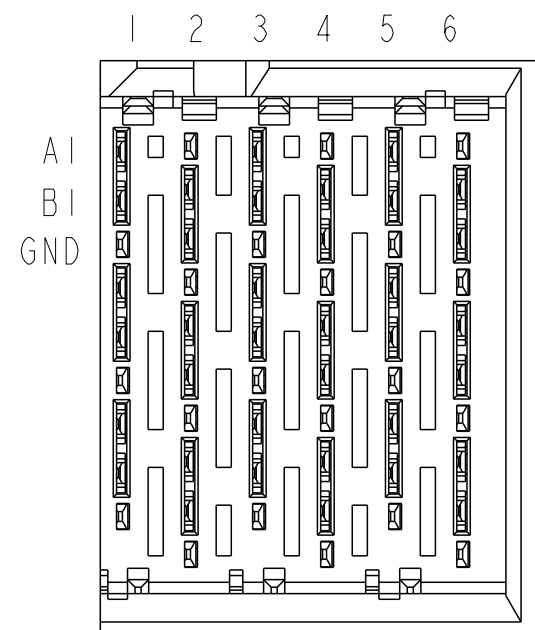


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tolerance std	ISO 406 ISO 1101	eng	Sandar Soe	2013/03/20	chr	-	ecn no	ELX-S-14229-1	rel level	Released
surface	ISO 1302	appr	Chen-Hong Tan	2013/04/09	product family	XCEDE HD	cat. no.	10119128	rev	B
TOLERANCES UNLESS OTHERWISE SPECIFIED		linear	0.X	±0.3	FCI		XCEDE HD VERTICAL HEADER 3 PAIR, 6 COLUMN STITCH HEADER		Product - Customer Drw	
		angular	0°	±2°						

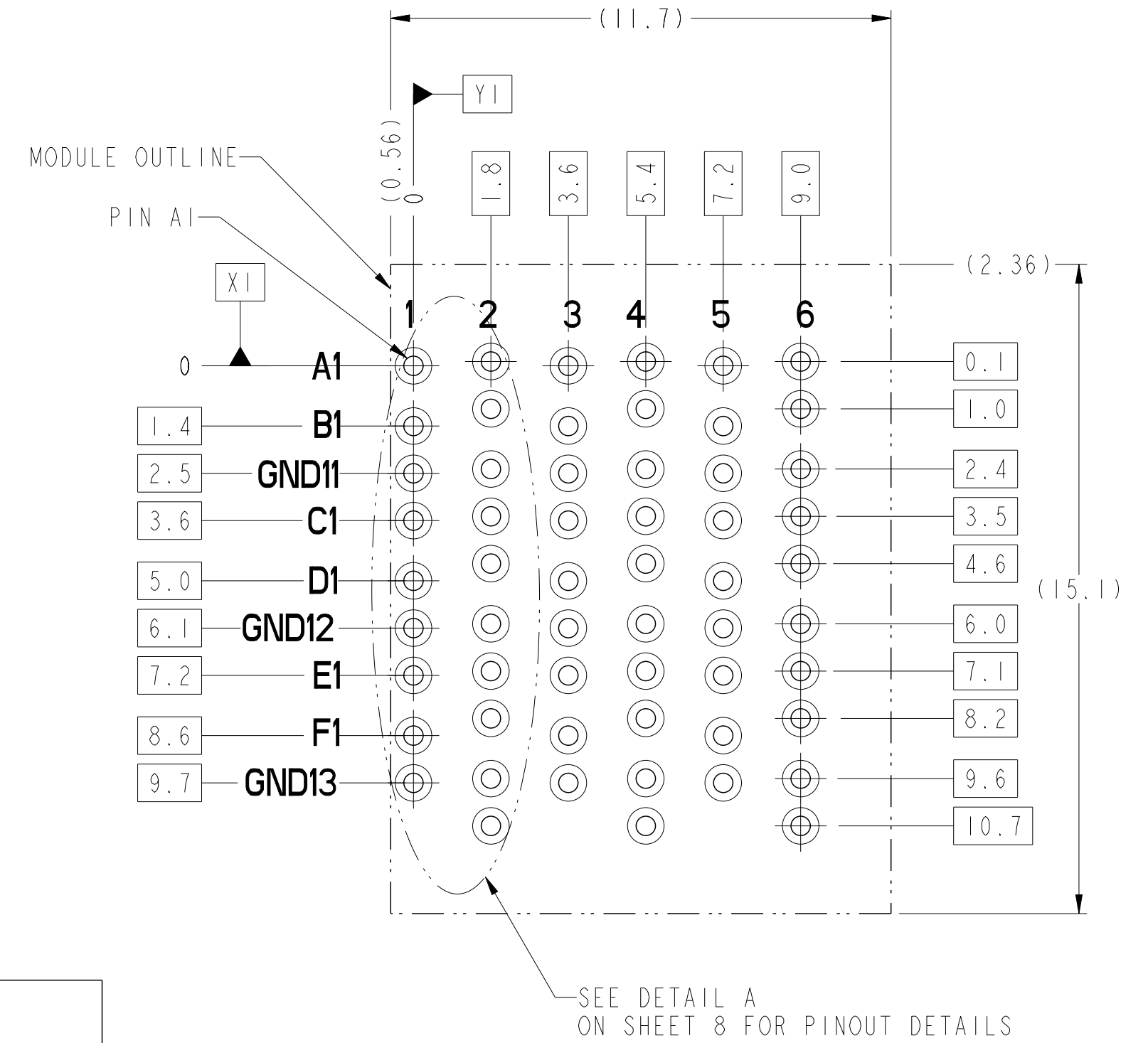
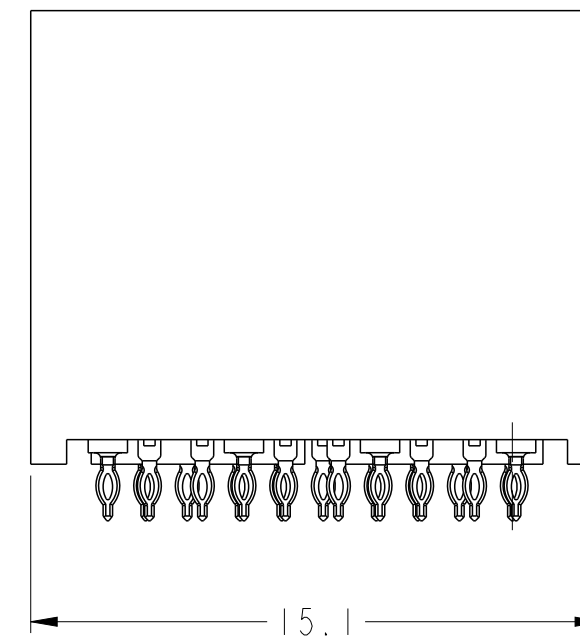
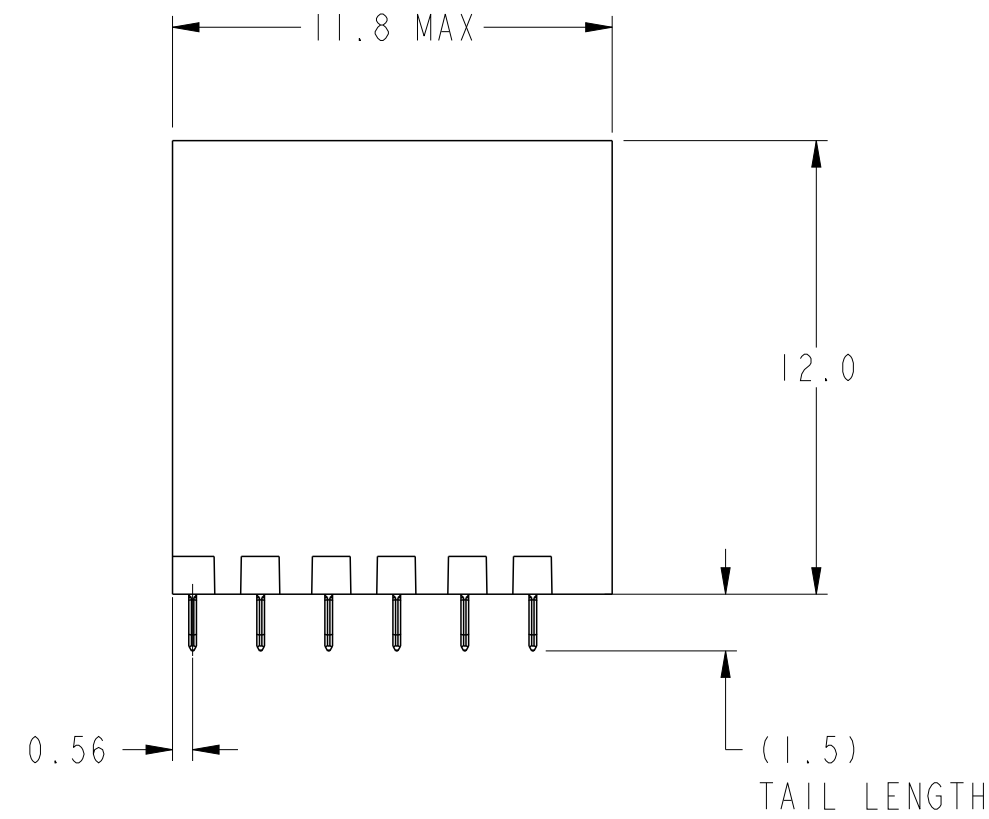
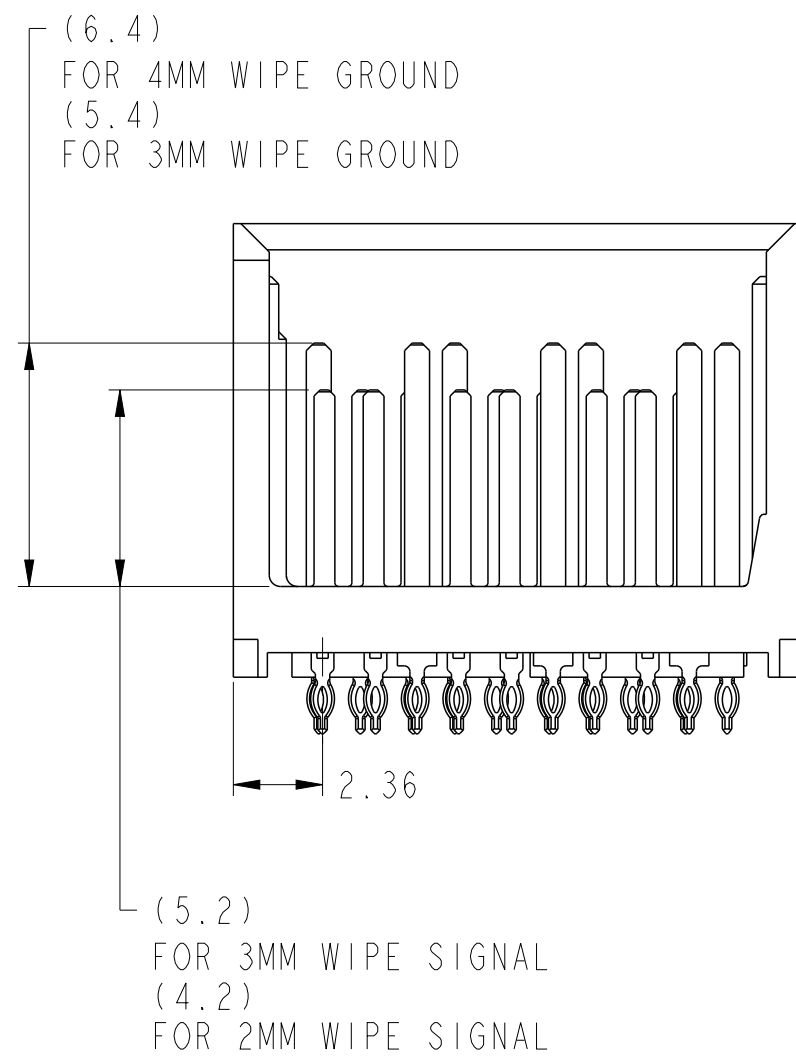
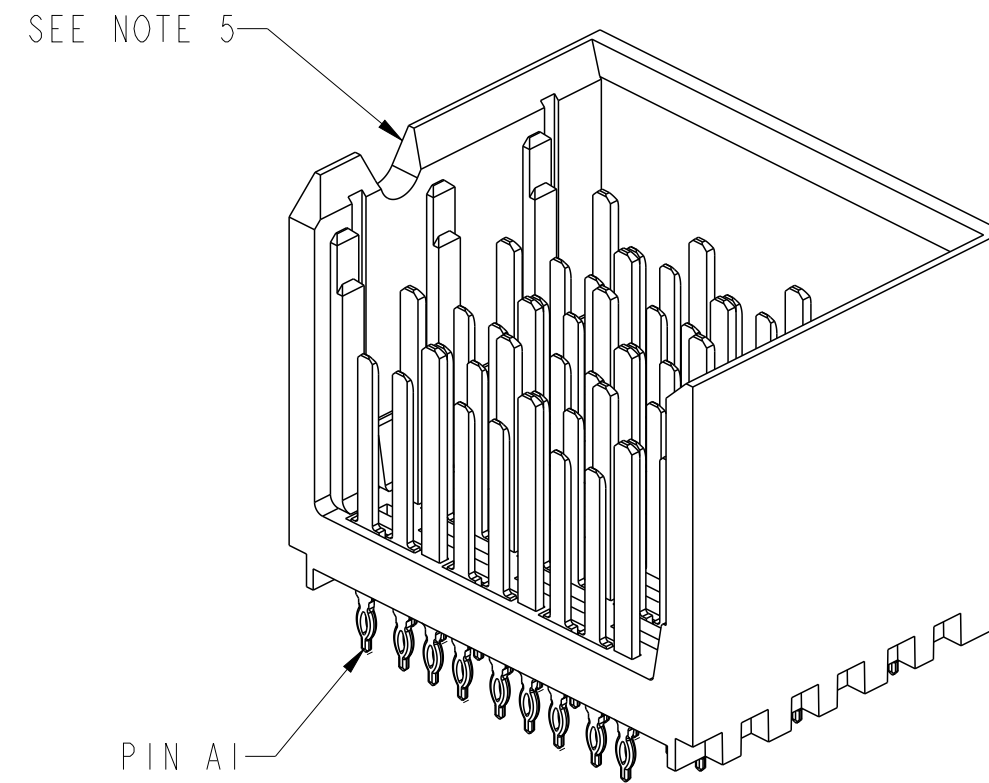
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RIGHT WALL MODULE



BP HOLE PATTERN COMPONENT SIDE
RIGHT WALL MODULE BACKPLANE FOOTPRINT

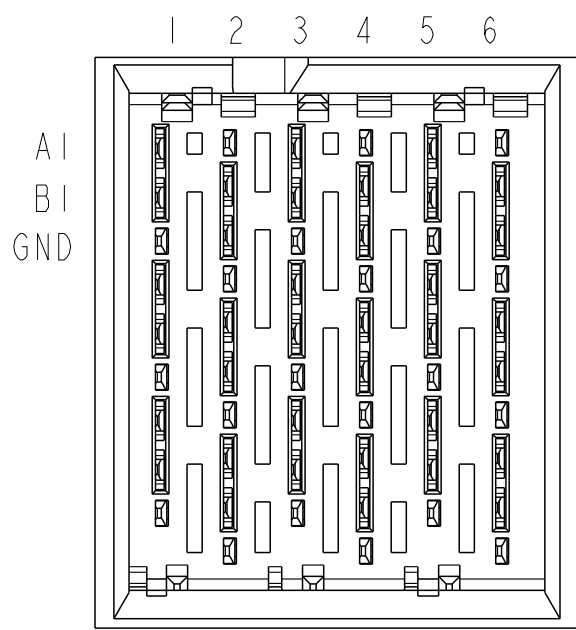
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tolerance std	ISO 406 ISO 1101	eng	Sandar Soe	2013/03/20	chr	-	ecn no	ELX-S-14229-1	rel level	Released
surface	ISO 1302	appr	Chen-Hong Tan	2013/04/09	product family	XCEDE HD	cat. no.	10119128	rev	B
TOLERANCES UNLESS OTHERWISE SPECIFIED		linear	0.X	±0.3	www.fci.com		Product - Customer Drw		sheet 4 of 8	
		angular	0°	±2°						

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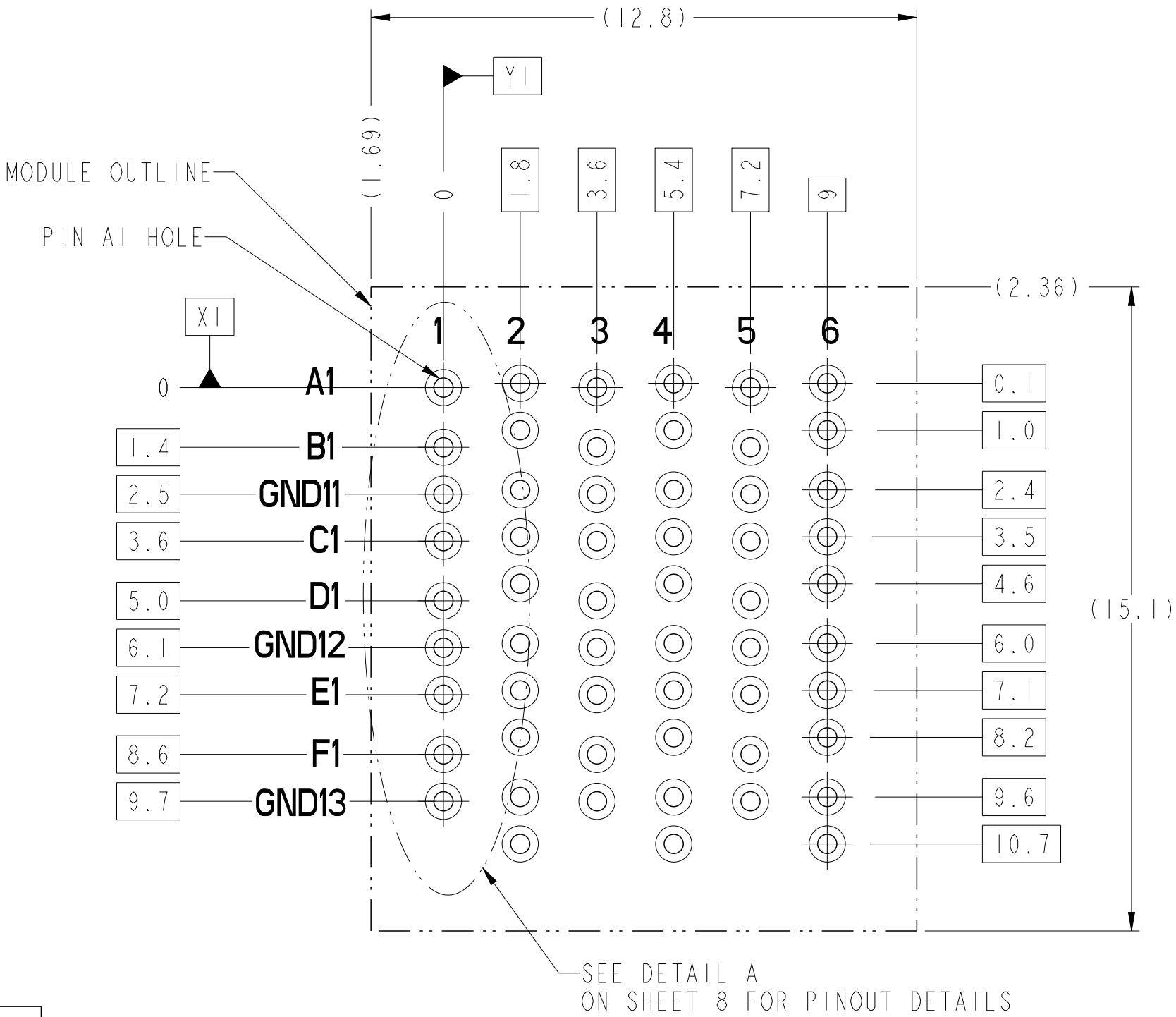
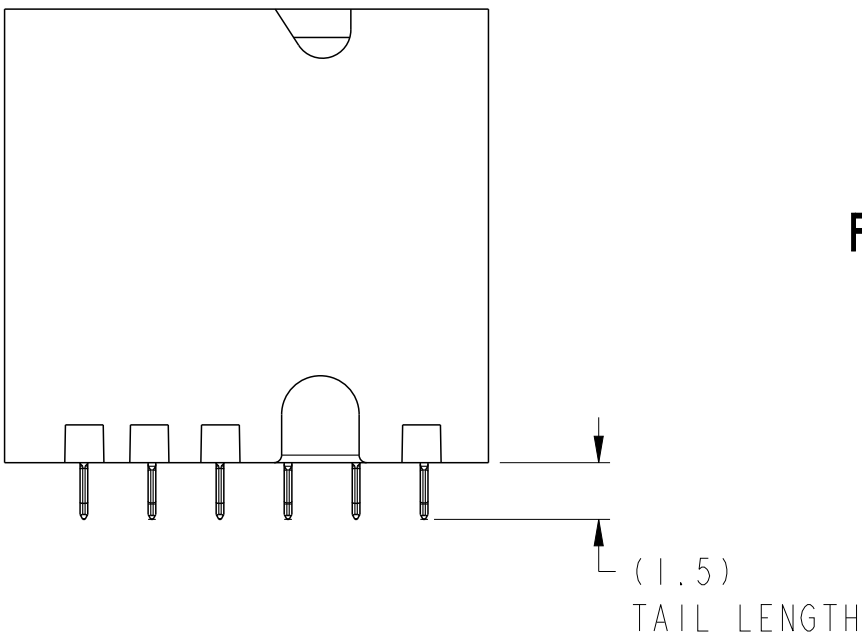
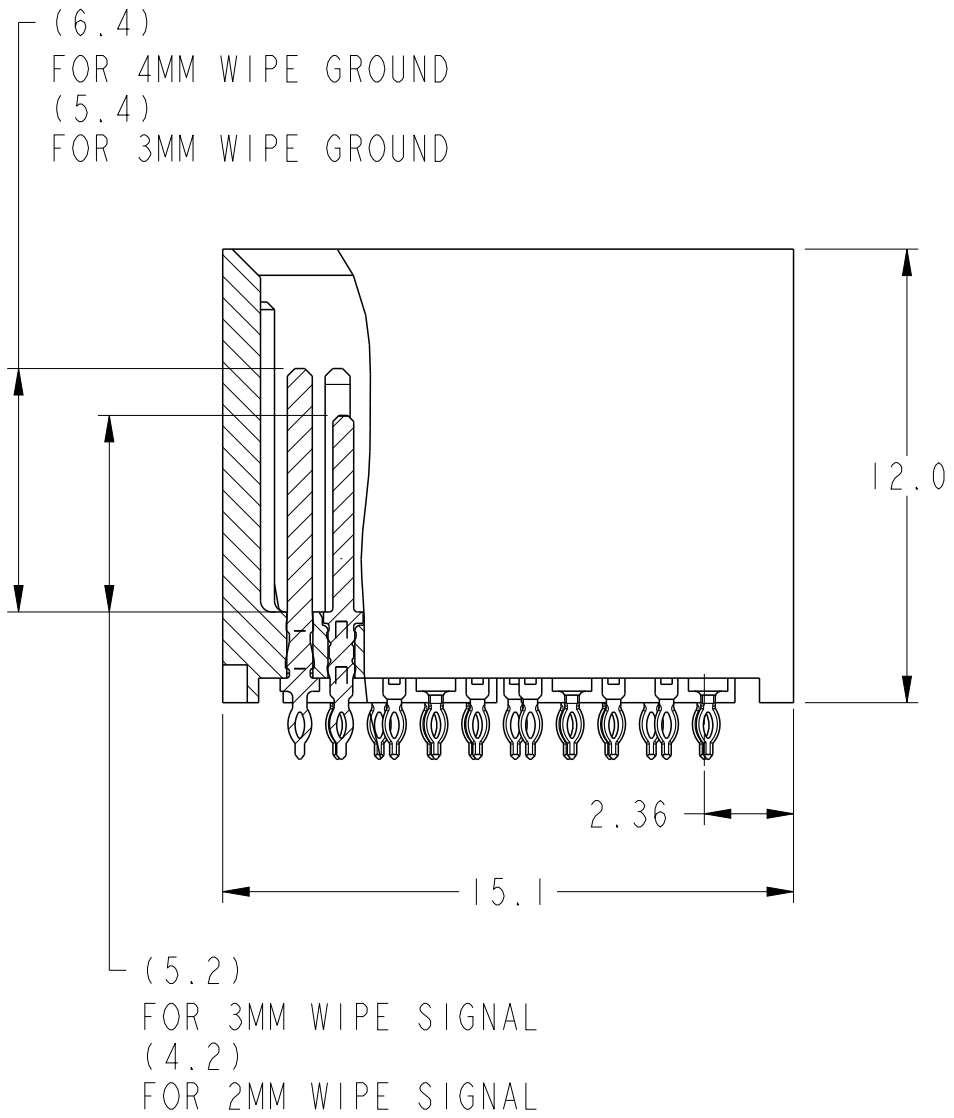
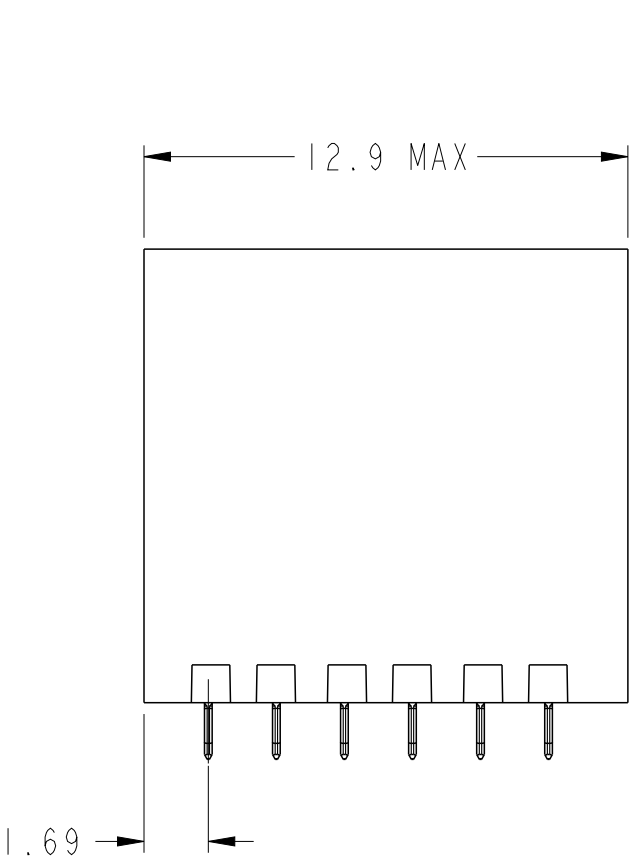
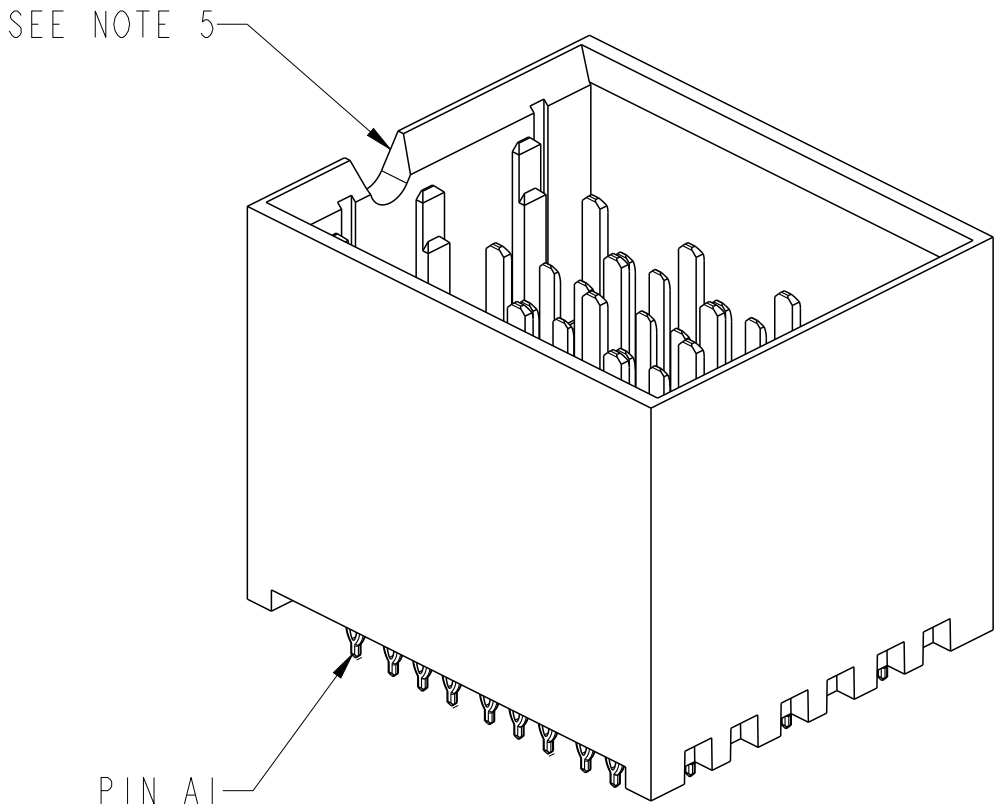
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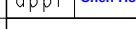
FOUR WALL MODULE



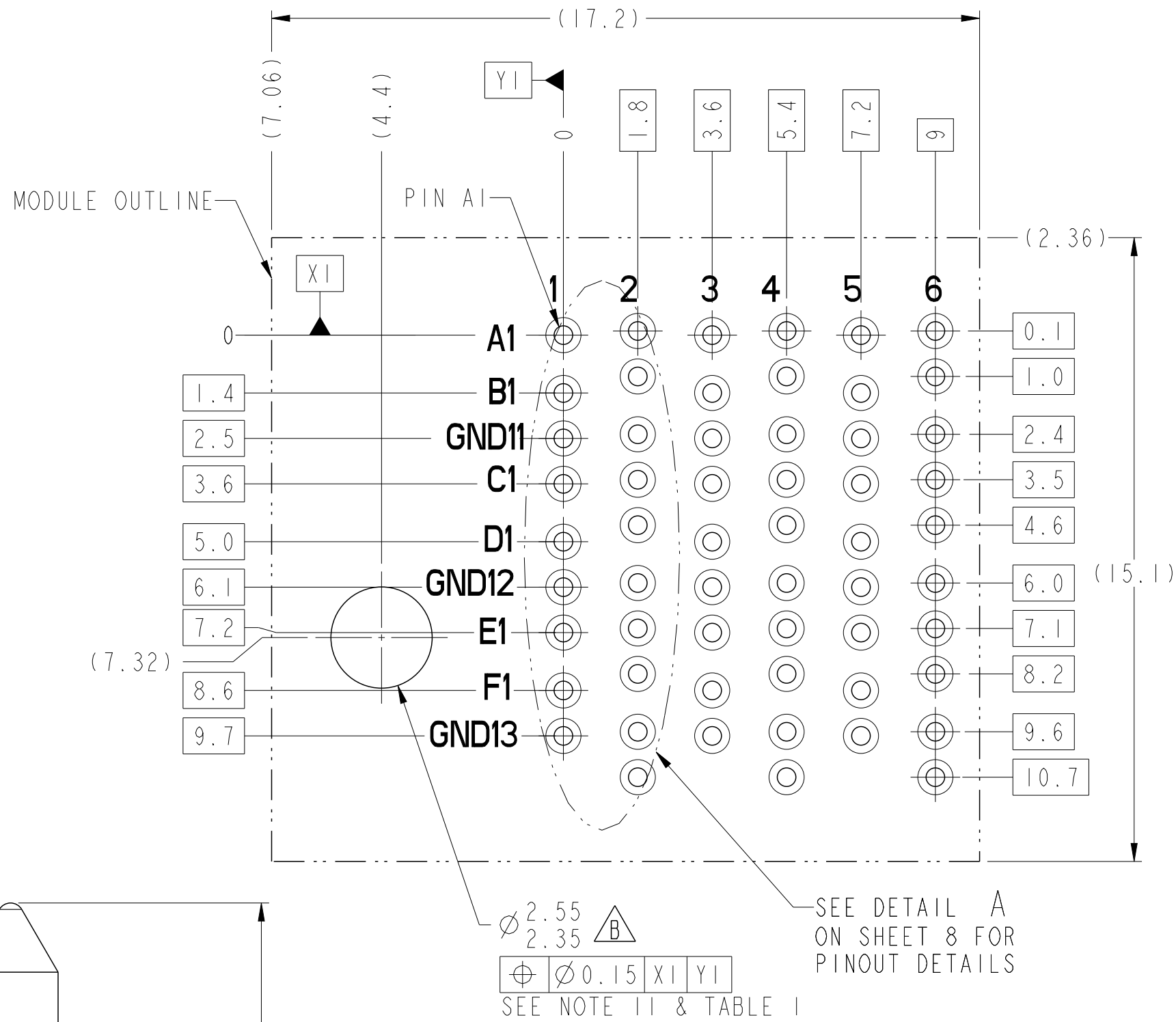
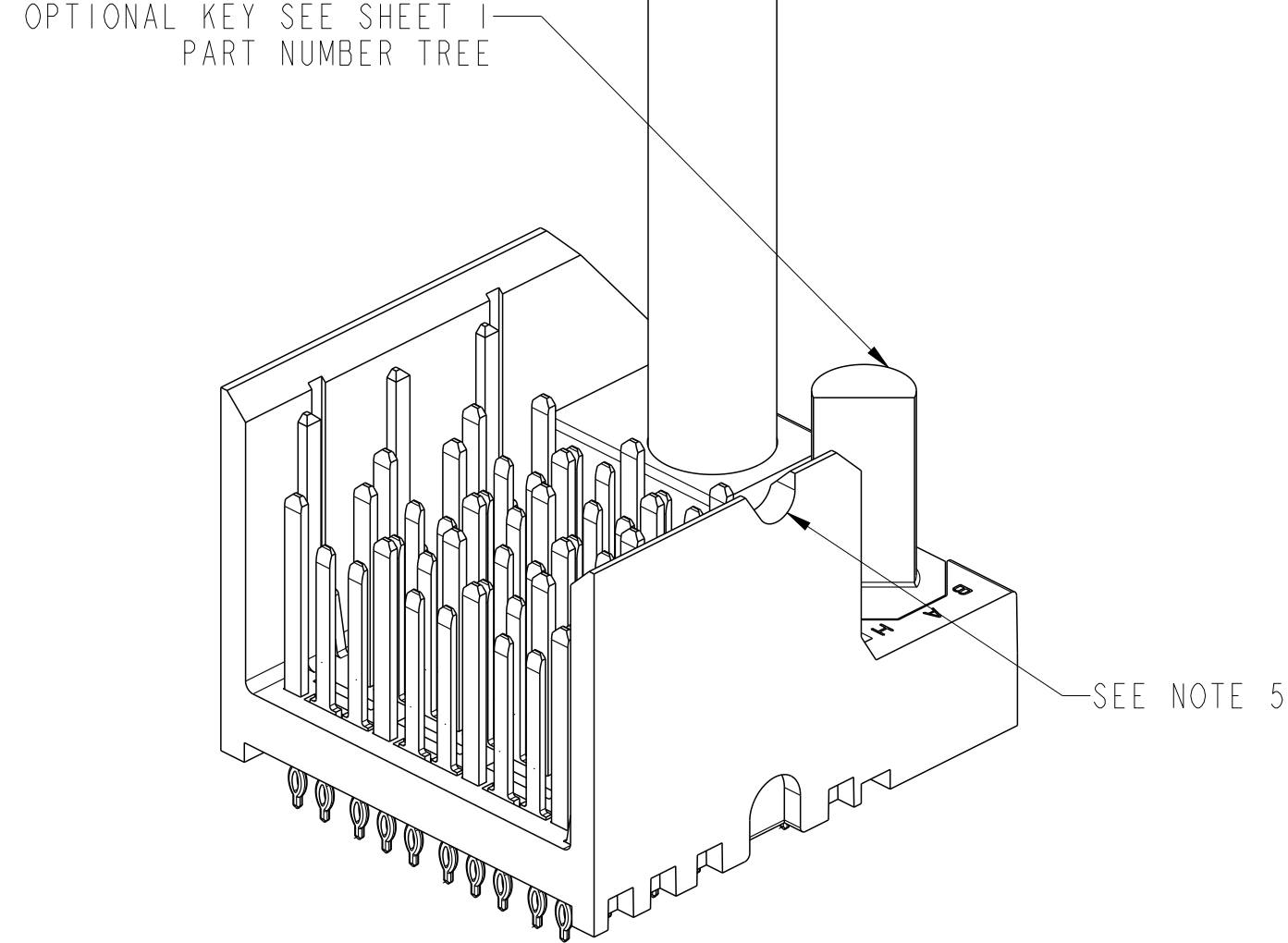
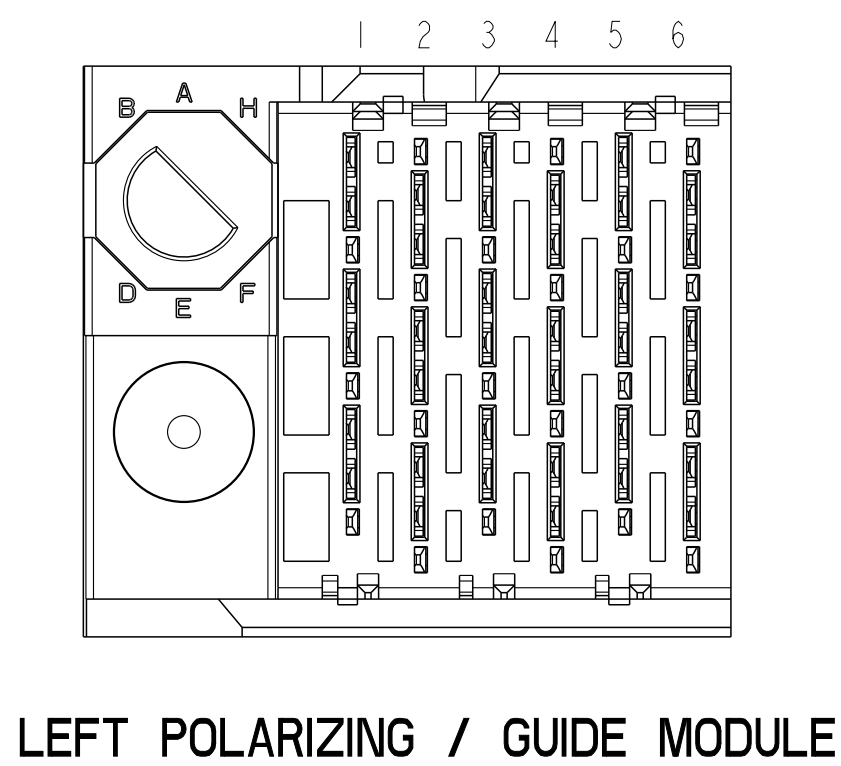
FOUR WALL MODULE BACKPLANE FOOTPRINT



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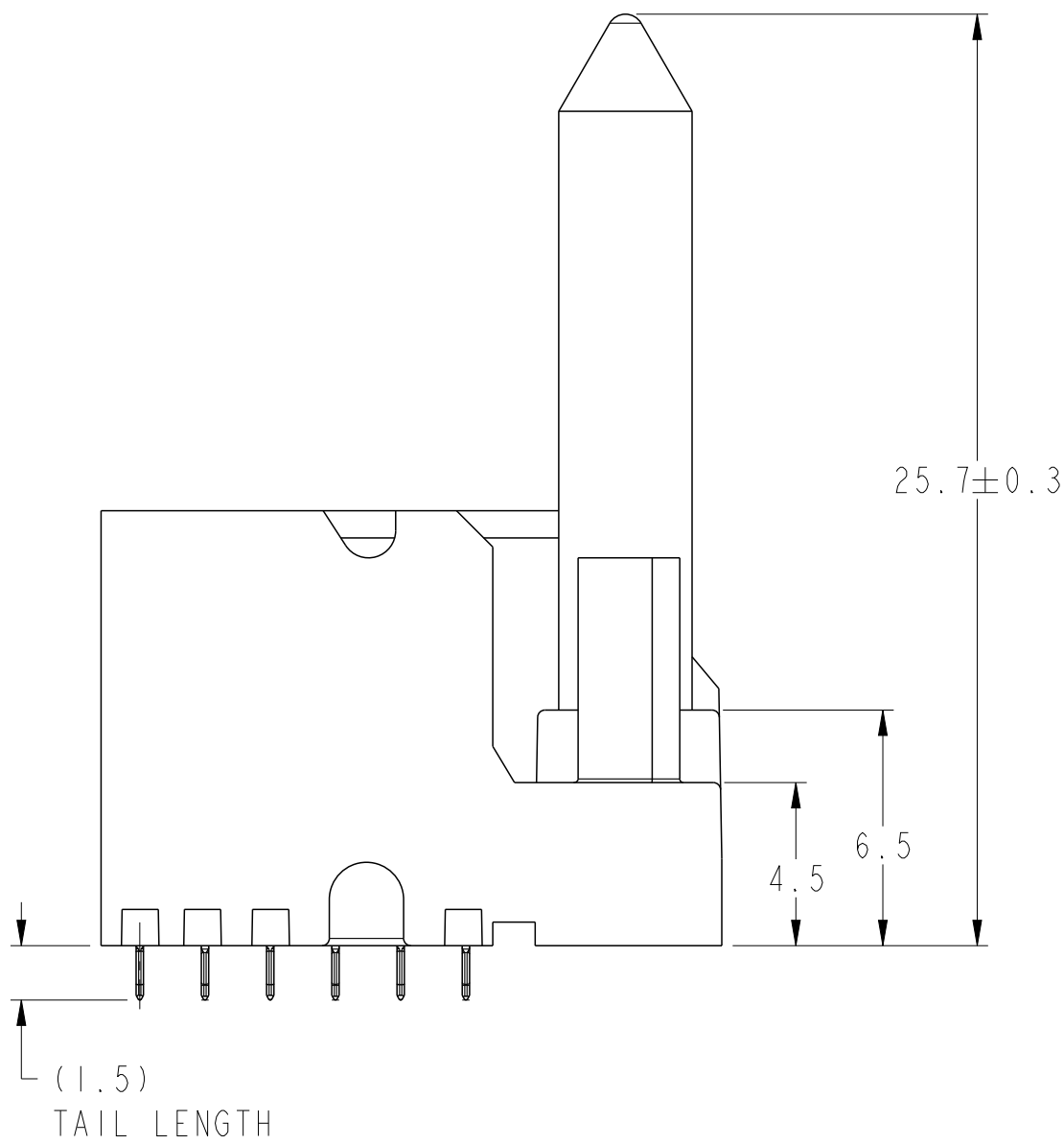
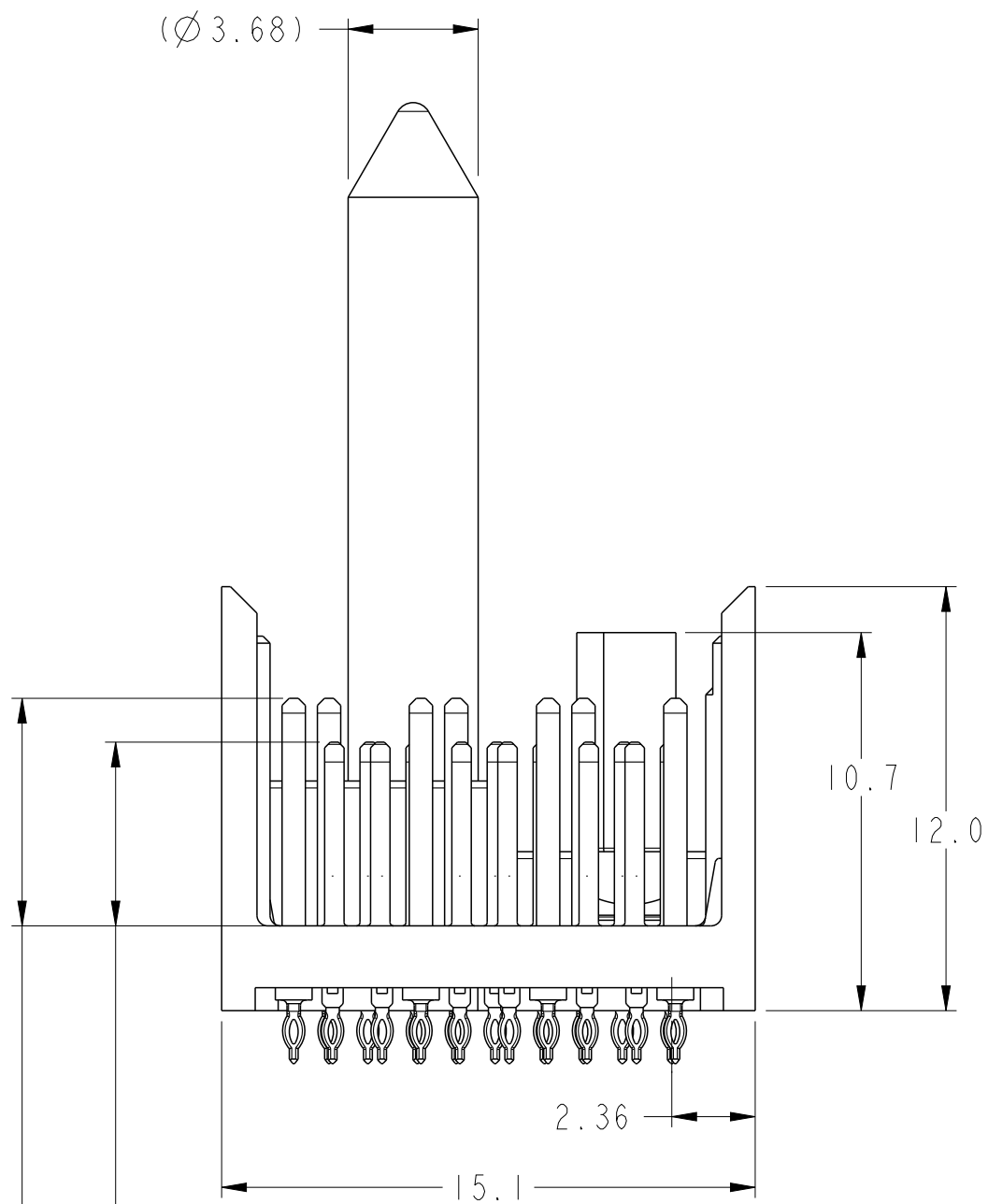
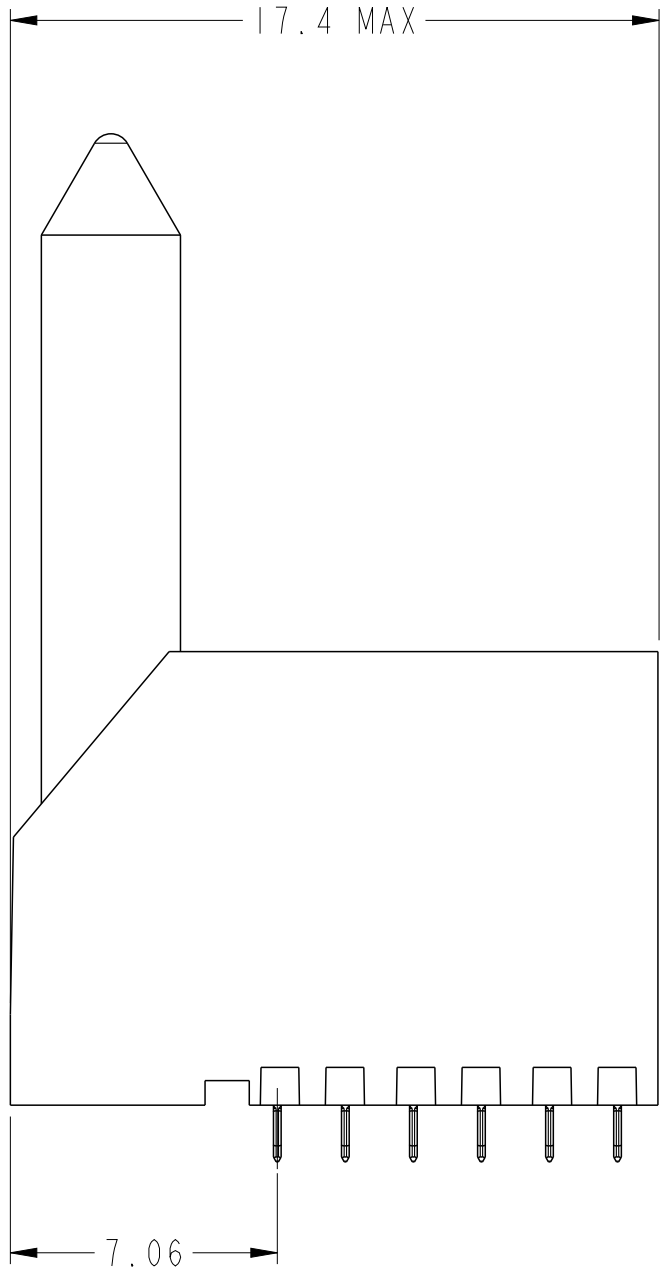
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ISO 1101		chr				-		-		-						-							
						appr		Chen-Hong Tan		2013/04/09		product family		XCEDE HD		rel level							
surface		✓		linear		0.X		±0.3				title		XCEDE HD VERTICAL HEADER		dwg no		10119128		rev		B	
				0.XX		±0.10																	
				0.XXX		±0.05																	
ISO 1302				angular		0°		±2°		www.fci.com		cat. no.		-		Product - Customer Drw		sheet 5 of 8					

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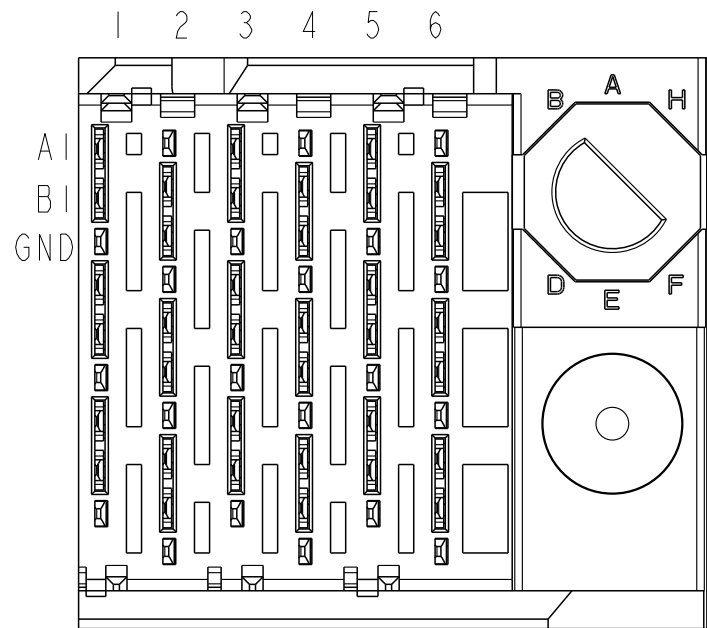
BP HOLE PATTERN COMPONENT SIDE

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 Marty Glass		2012/02/02		projection		MM		size A2		scale 5:1					
tolerance std		eng Sandar Soe		2013/03/20						ecn no		ELX-S-14229-1					
ISO 406 ISO 1101		TOLERANCES UNLESS OTHERWISE SPECIFIED		chr -						rel level		Released					
		appr Chen-Hong Tan		2013/04/09		product family		XCEDE HD									
surface		linear				title		XCEDE HD VERTICAL HEADER 3 PAIR, 6 COLUMN STITCH HEADER		dwg no		10119128		rev			
		0.X ±0.3														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					

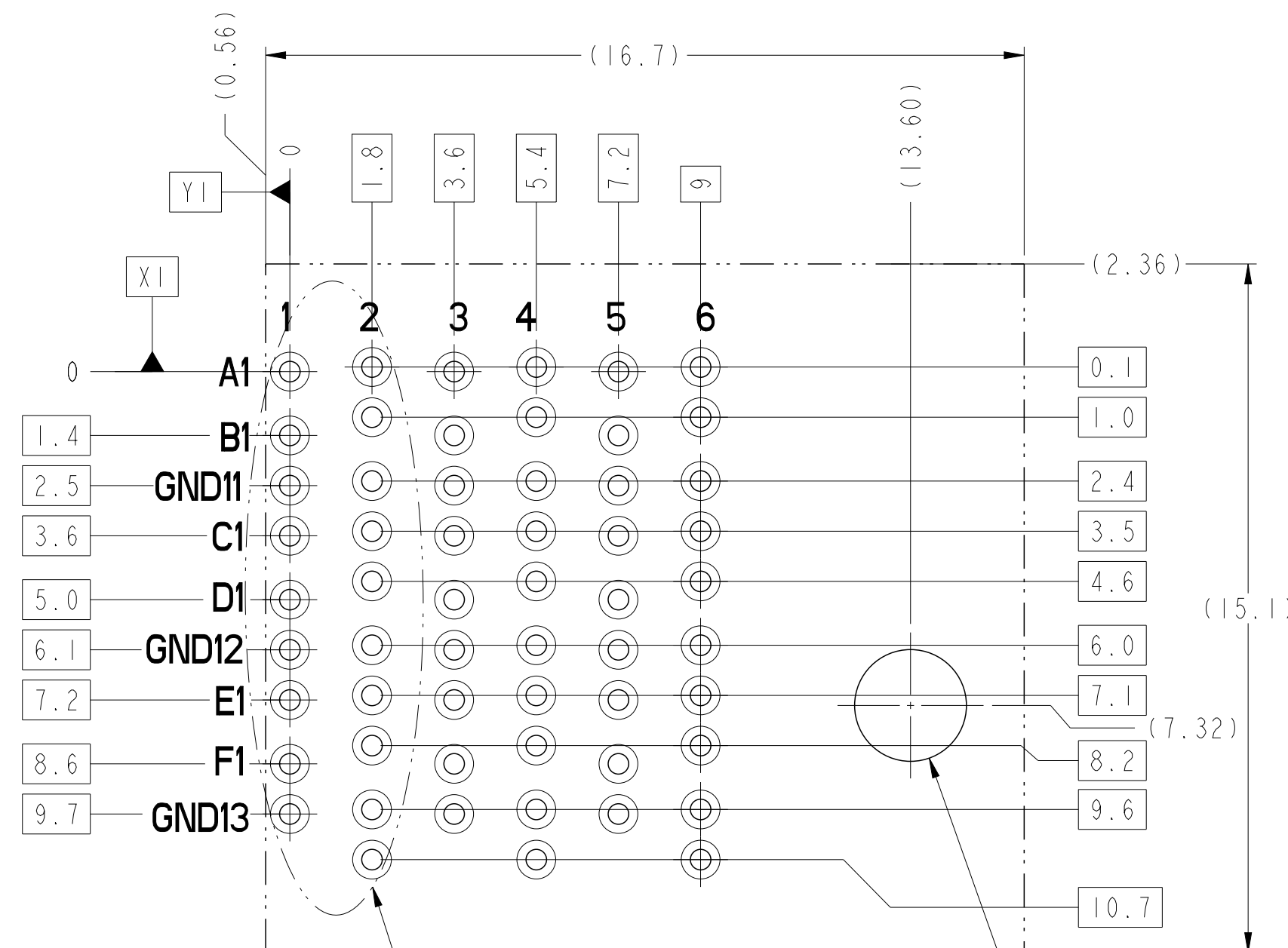
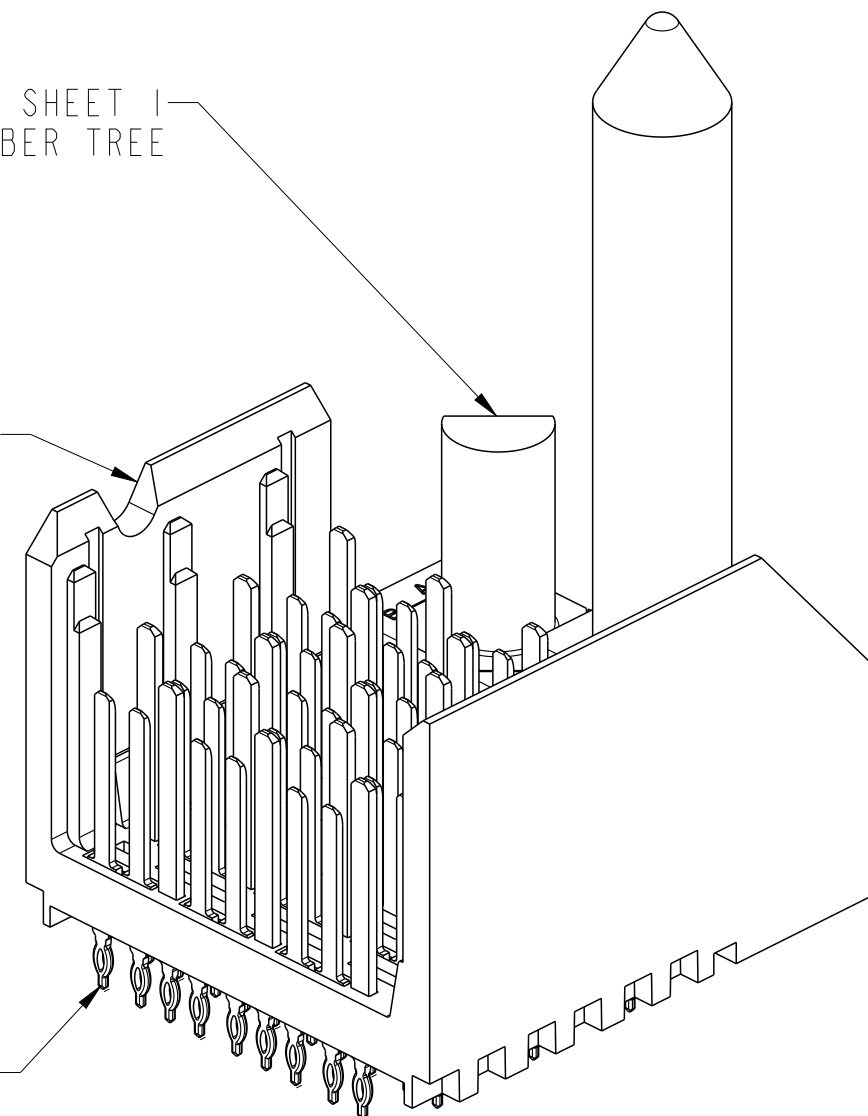


RIGHT POLARIZING / GUIDE MODULE

OPTIONAL KEY SEE SHEET 1
PART NUMBER TREE

SEE NOTE 5

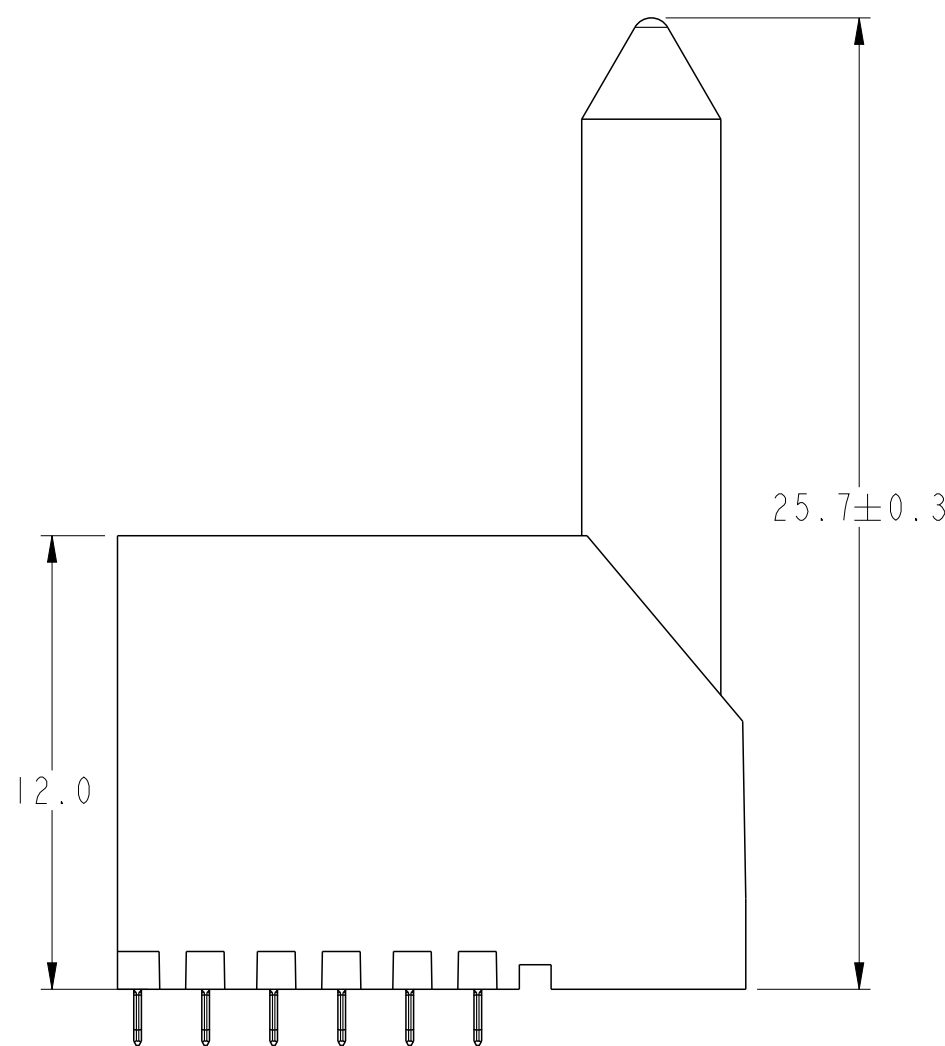
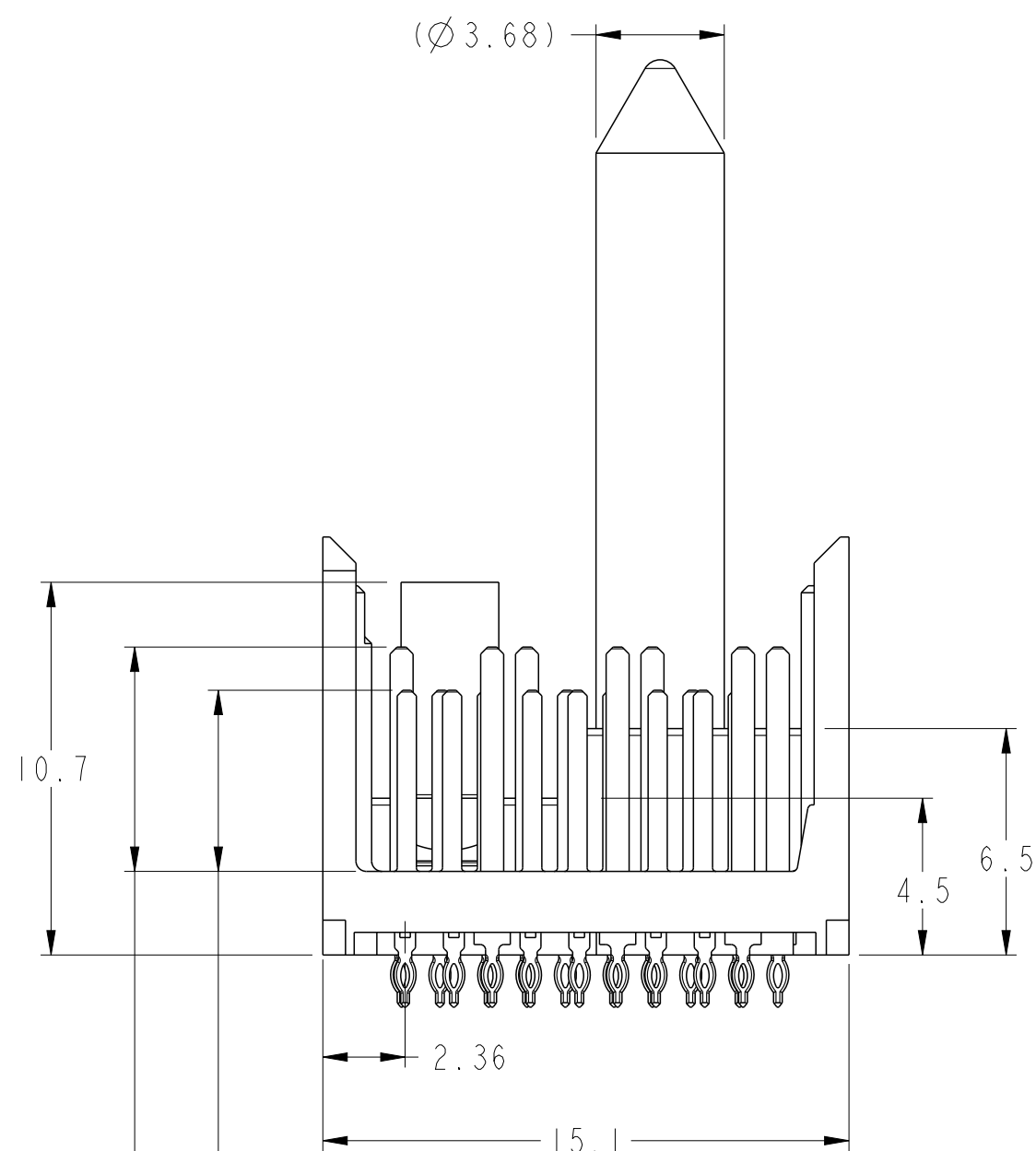
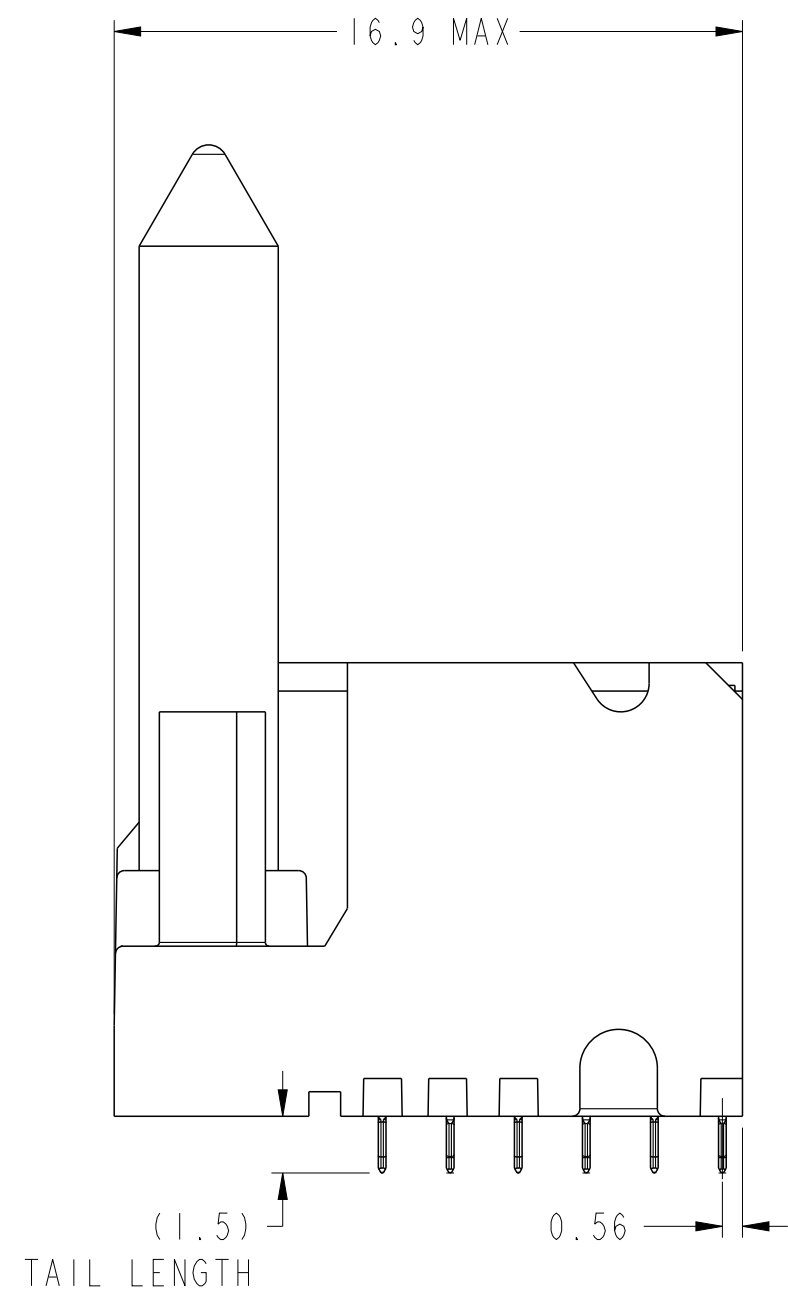
PIN A1



SEE DETAIL A
ON SHEET 8 FOR PINOUT DETAILS

BP HOLE PATTERN COMPONENT SIDE

RIGHT POLARIZING / GUIDE MODULE
BACKPLANE FOOTPRINT



spec ref		-		dr		Marty Glass		2012/02/02		projection		MM		size		A2		scale		5:1	
tolerance std		ISO 406		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Sandar Soe		2013/03/20						ecn no		ELX-S-14229-1			
ISO 1101						chr		-		-											
						appr		Chen-Hong Tan		2013/04/09		product family		XCEDE HD		rel level		Released			
surface		✓		linear		0.X		±0.3		FCI		title		XCEDE HD VERTICAL HEADER		dwg no		10119128		rev	
						0.XX		±0.10						3 PAIR, 6 COLUMN STITCH HEADER						B	
ISO 1302				angular		0°		±2°		www.fci.com		cat. no.		-		Product - Customer Drw		sheet 7 of 8			

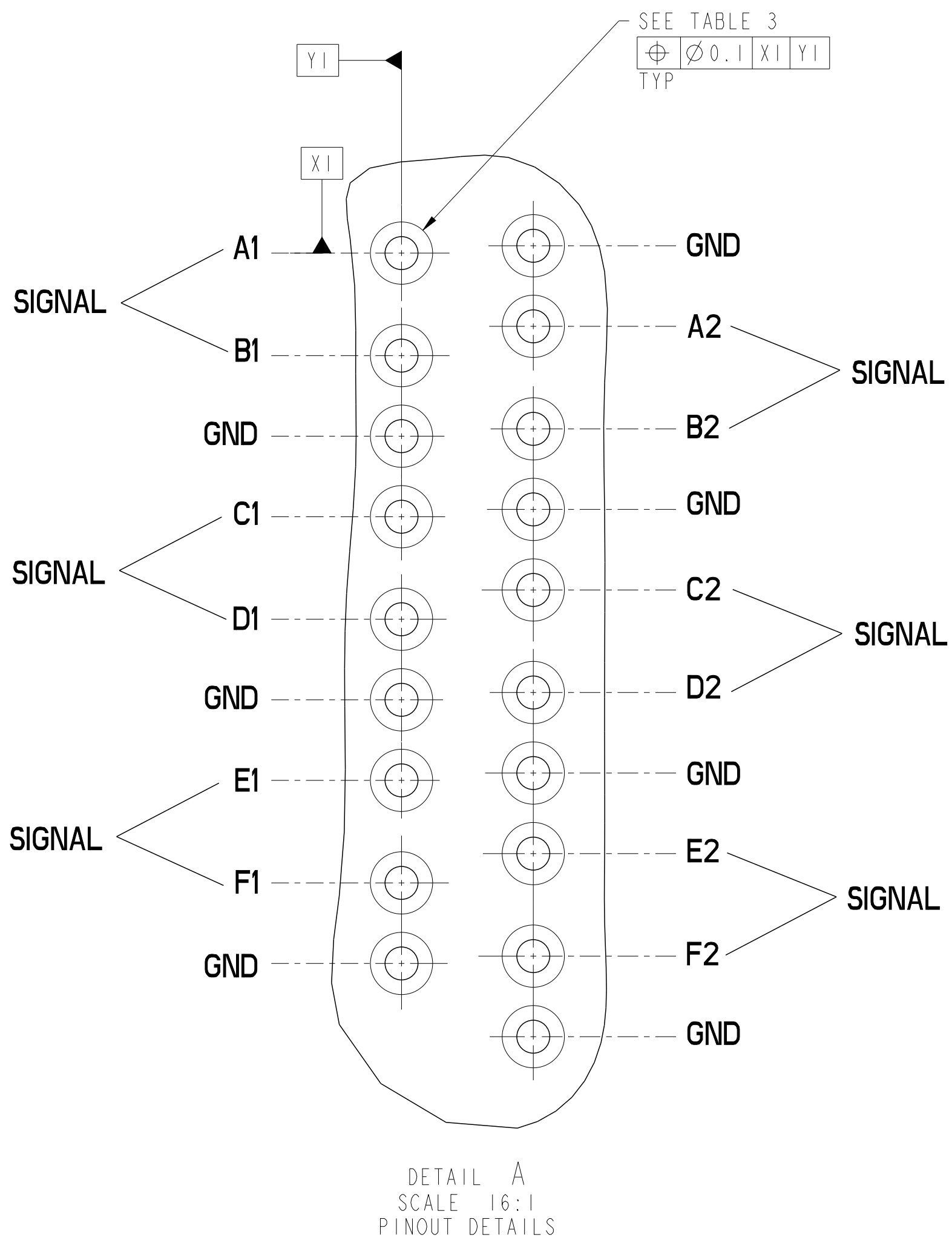


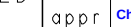
TABLE 3		
	COMPLIANT PIN DRILL Ø0.55[0.0217"]	COMPLIANT PIN DRILL Ø0.45[0.0117"]
PTH	Ø0.45±0.05	Ø0.36±0.05
DRILL	Ø0.55[0.0217"]	Ø0.45[0.0117"]
PAD	Ø0.85	Ø0.75

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 (10119128-X0C-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 $\triangle B$ SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW OR NOTE THAT HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.
- $\triangle B$ (1) OPTIONAL HOLE LOCATION FOR GROUNDED PIN OR ADDITIONAL GUIDE-PIN SUPPORT. SEE TABLE 1 SHEET 1 FOR ADDITIONAL DETAILS.
- $\triangle B$ (2) SCREW IS OPTIONAL AND ENGAGES WITH BOTTOM OF GUIDE PIN FROM BENEATH THE PCB FOR ADDITIONAL GUIDE-PIN SUPPORT.



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spec ref -				dr Marty Glass		2012/02/02		projection		MM		size A2		scale 5:1	
tolerance std ISO 406 ISO 1101				eng Sandar Soe		2013/03/20						ecn no		ELX-S-14229-1	
TOLERANCES UNLESS OTHERWISE SPECIFIED				chr -		-						rel level		Released	
appr Chen-Hong Tan				2013/04/09		product family				XCEDE HD					
surface 		linear		0.X ±0.3				title		XCEDE HD VERTICAL HEADER		dwg no 10119128		rev B	
		0.XX ±0.10													
		0.XXX ±0.05													
ISO 1302		angular 0° ±2°		www.fci.com		cat. no.		-		Product - Customer Drw		sheet 8 of 8			

PDS: Rev :B

STATUS:Released

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[10119128-Q0C-40DLF](#) [10119128-H0C-50DLF](#) [10119128-W0C-50DLF](#) [10119128-S0C-70DLF](#) [10119128-W0C-](#)
[70DLF](#) [10119128-S0C-60DLF](#) [10119128-R0C-10DLF](#) [10119128-L0C-80DLF](#) [10119128-U0C-30DLF](#) [10119128-U0C-](#)
[40DLF](#) [10119128-L0C-10DLF](#) [10119128-Q0C-70DLF](#) [10119128-D0C-30DLF](#) [10119128-U0C-80DLF](#) [10119128-10C-](#)
[10DLF](#) [10119128-H0C-20DLF](#) [10119128-W0C-80DLF](#) [10119128-R0C-80DLF](#) [10119128-00C-50DLF](#) [10119128-](#)
[W0C-40DLF](#) [10119128-00C-60DLF](#) [10119128-10C-20DLF](#) [10119128-G0C-40DLF](#) [10119128-L0C-70DLF](#) [10119128-](#)
[J0C-50DLF](#) [10119128-00C-20DLF](#) [10119128-J0C-20DLF](#) [10119128-D0C-50DLF](#) [10119128-F0C-60DLF](#) [10119128-](#)
[Y0C-10DLF](#) [10119128-P0C-50DLF](#) [10119128-B0C-60DLF](#) [10119128-10C-30DLF](#) [10119128-M0C-70DLF](#) [10119128-](#)
[Q0C-20DLF](#) [10119128-00C-40DLF](#) [10119128-H0C-10DLF](#) [10119128-A0C-10DLF](#) [10119128-L0C-30DLF](#) [10119128-](#)
[W0C-60DLF](#) [10119128-C0C-50DLF](#) [10119128-A0C-20DLF](#) [10119128-J0C-30DLF](#) [10119128-E0C-20DLF](#) [10119128-](#)
[C0C-70DLF](#) [10119128-R0C-40DLF](#) [10119128-Y0C-70DLF](#) [10119128-B0C-30DLF](#) [10119128-G0C-70DLF](#) [10119128-](#)
[U0C-60DLF](#) [10119128-F0C-10DLF](#) [10119128-R0C-50DLF](#) [10119128-B0C-40DLF](#) [10119128-C0C-30DLF](#) [10119128-](#)
[F0C-20DLF](#)