

10130105 - X0J - XXXLF

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

4-COLUMN DIFFERENTIAL SIGNAL

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)	I (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 10130105-XXXX, WHERE: "X" DENOTES MODULE TYPE PER CHART ON THIS SHEET "XXXX" IS A SEQUENTIAL NUMBER BEGINNING WITH "0001".

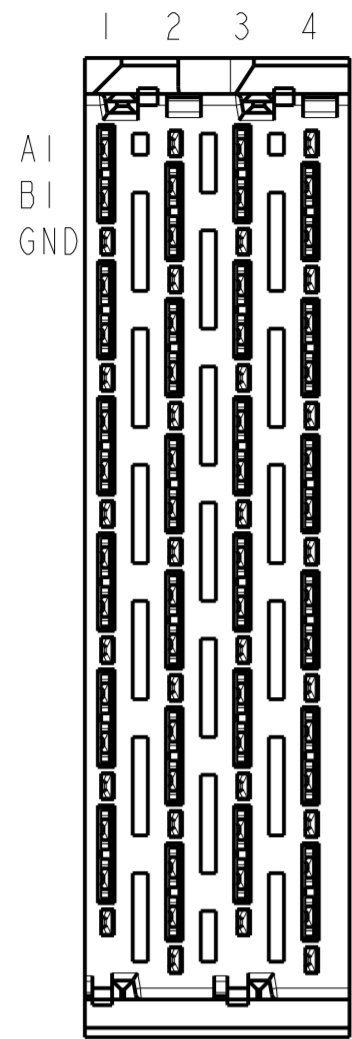
	UNGROUND	GROUND
FHS	∅2.35-∅2.55	∅2.35-∅2.55
PAD	N/A	∅5.50
PLATED	NO	YES
DRILL(mm)	2.44mm	2.58mm
DRILL(in)	0.096"	0.1015"

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

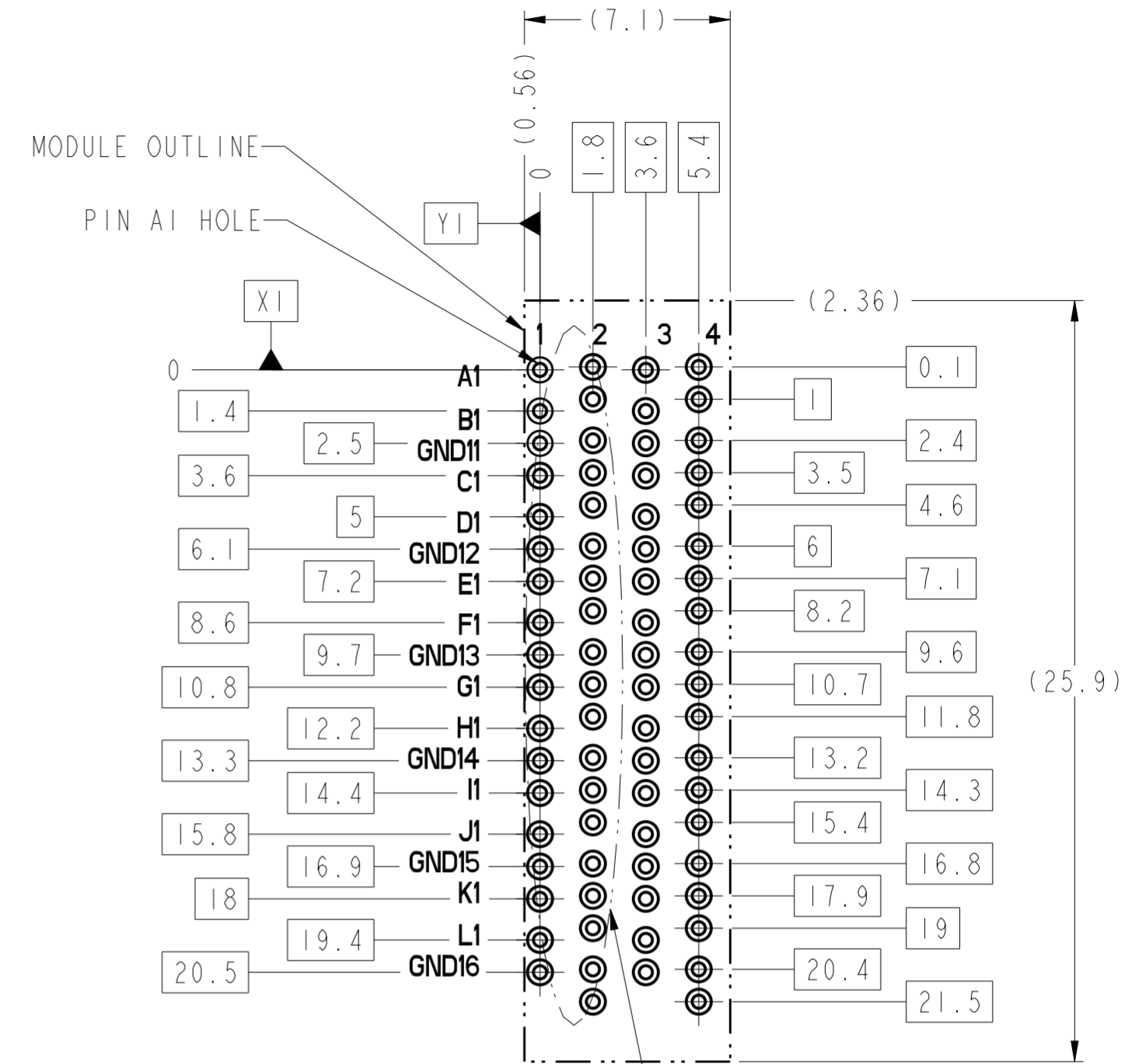
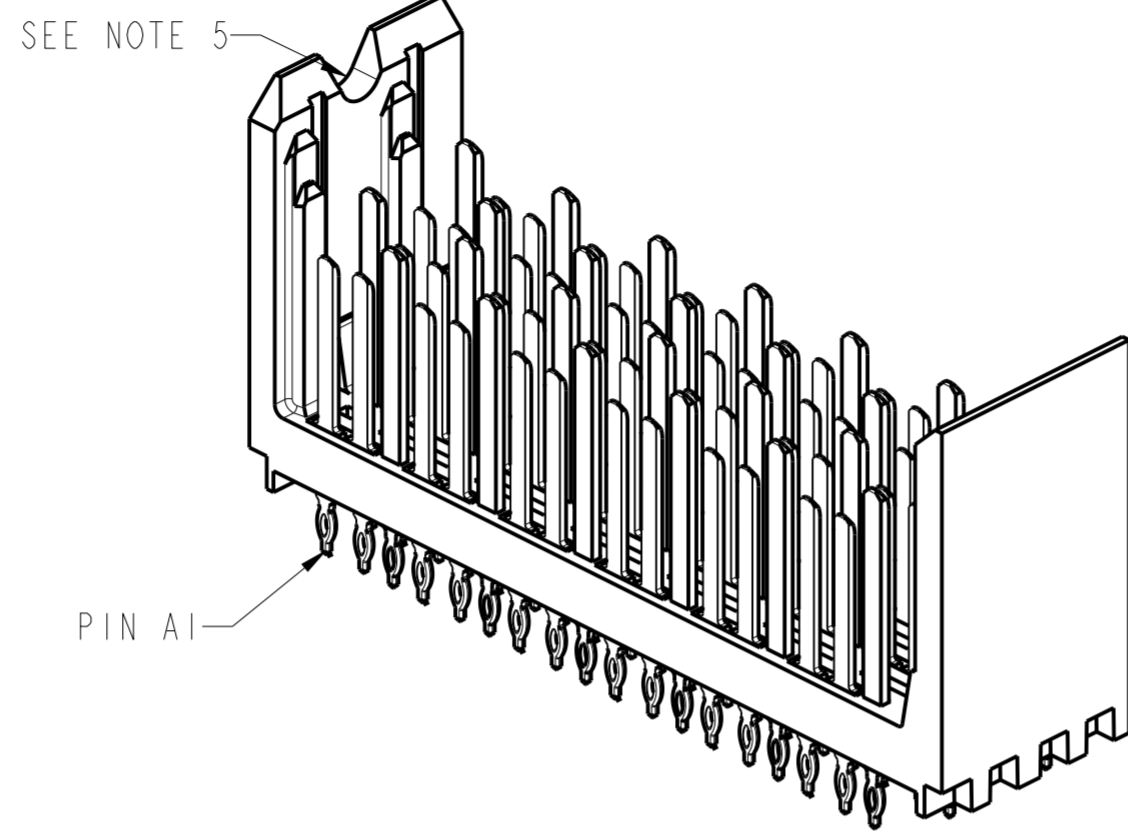
Amphenol FCI

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spec ref	-	dr	Sander Soe	2014/05/16	projection	MM	size	A2	scale	3:1
tolerance std	ASME Y14.5	eng	Michael Song	2016/07/27	chr	Heaven Cen	2016/07/27	ecn no	-	
TOLERANCES UNLESS OTHERWISE SPECIFIED		appr	Pai-Ming Zheng	2016/07/27	product family	XCEDE HD	rel level	Released		
surface	linear	0.X	±0.3							
		0.XX	±0.10							
		0.XXX	±0.05							
ASME Y14.5	angular	0°	±2°							
		Amphenol FCI		TITLE		MODULE ASSEMBLY, XCEDE HD		cat. no.		10130105
				Product - Customer Drw		sheet 1 of 8		rev		A



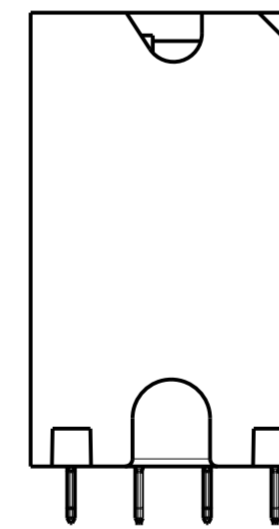
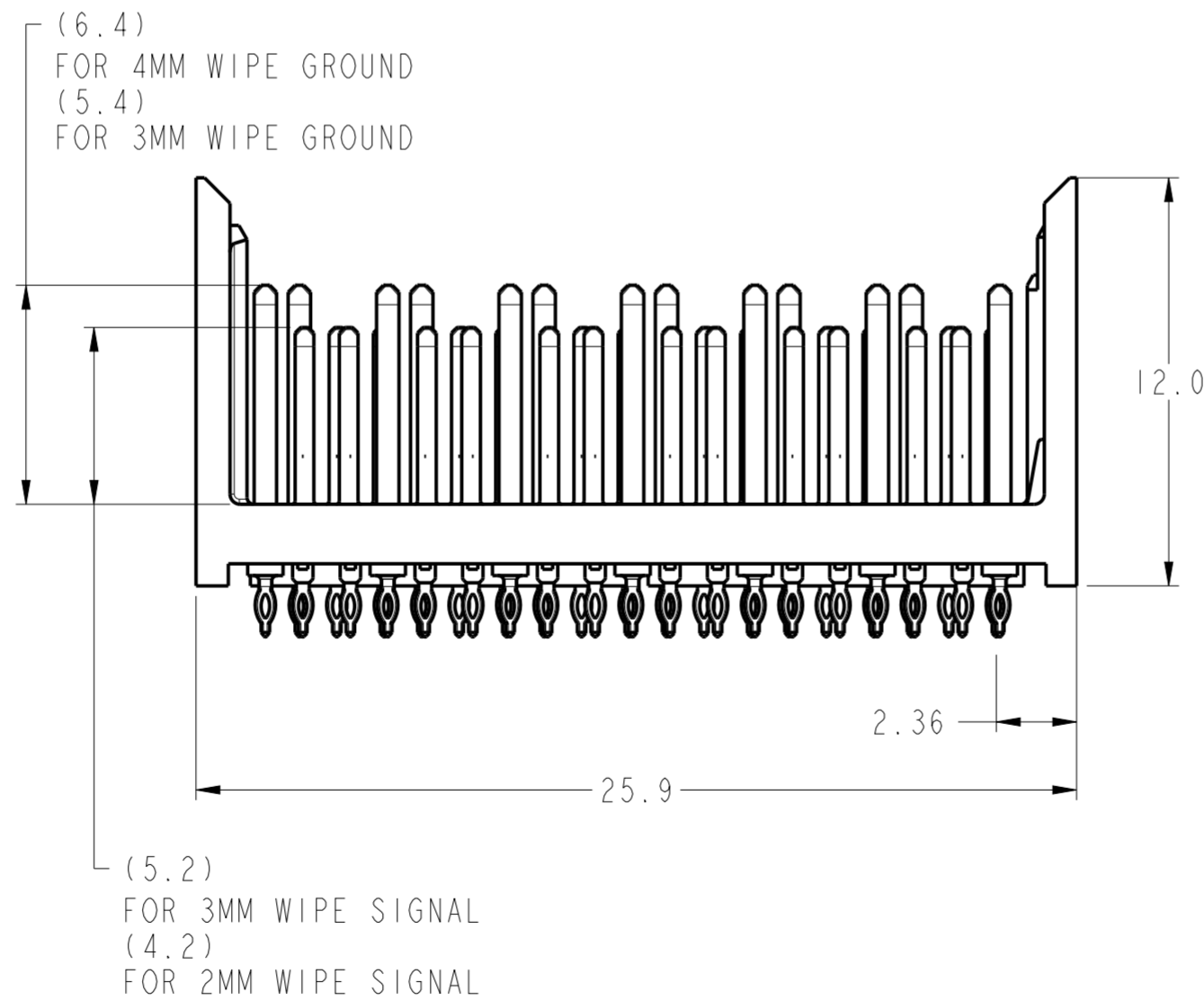
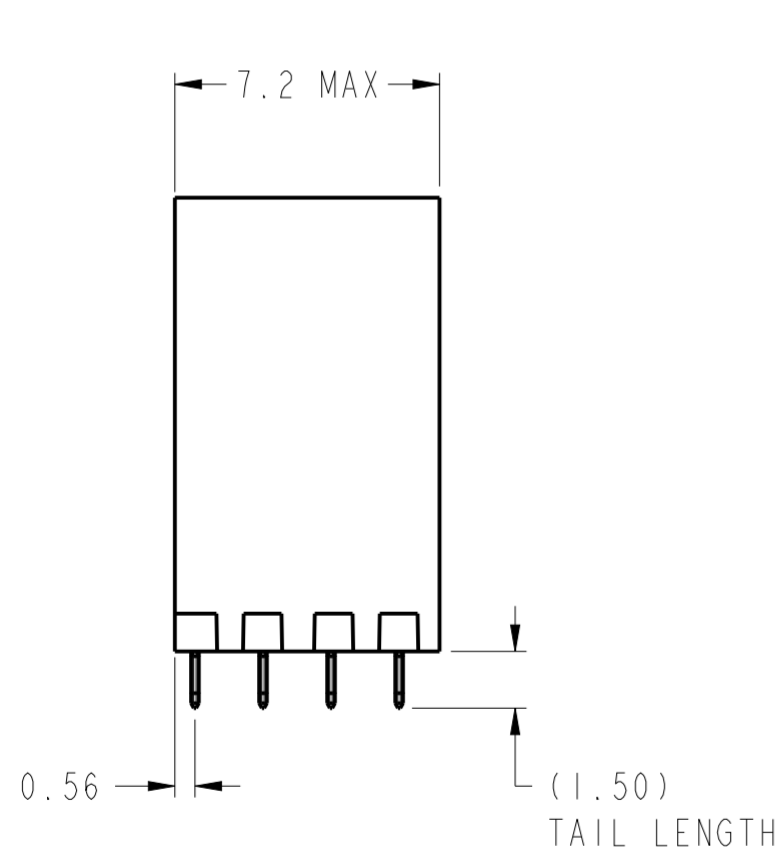
OPEN WALL MODULE



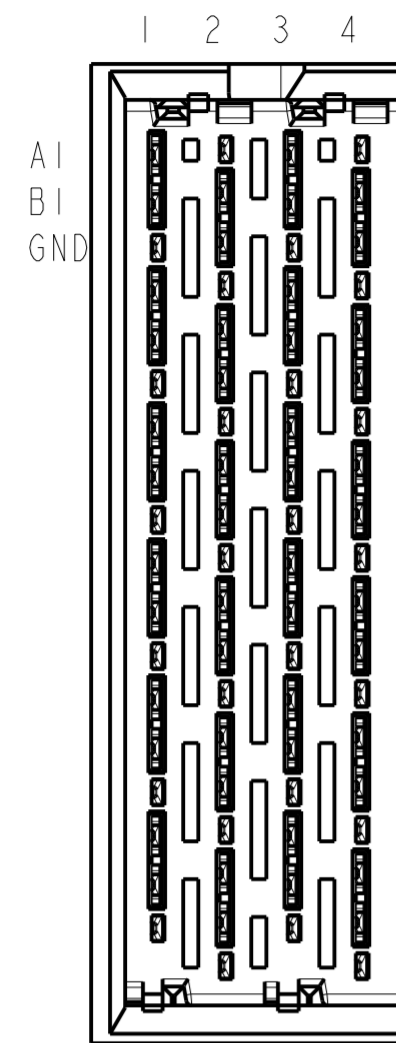
SEE DETAIL A ON SHEET 8 FOR PINOUT DETAILS

BP HOLE PATTERN COMPONENT SIDE

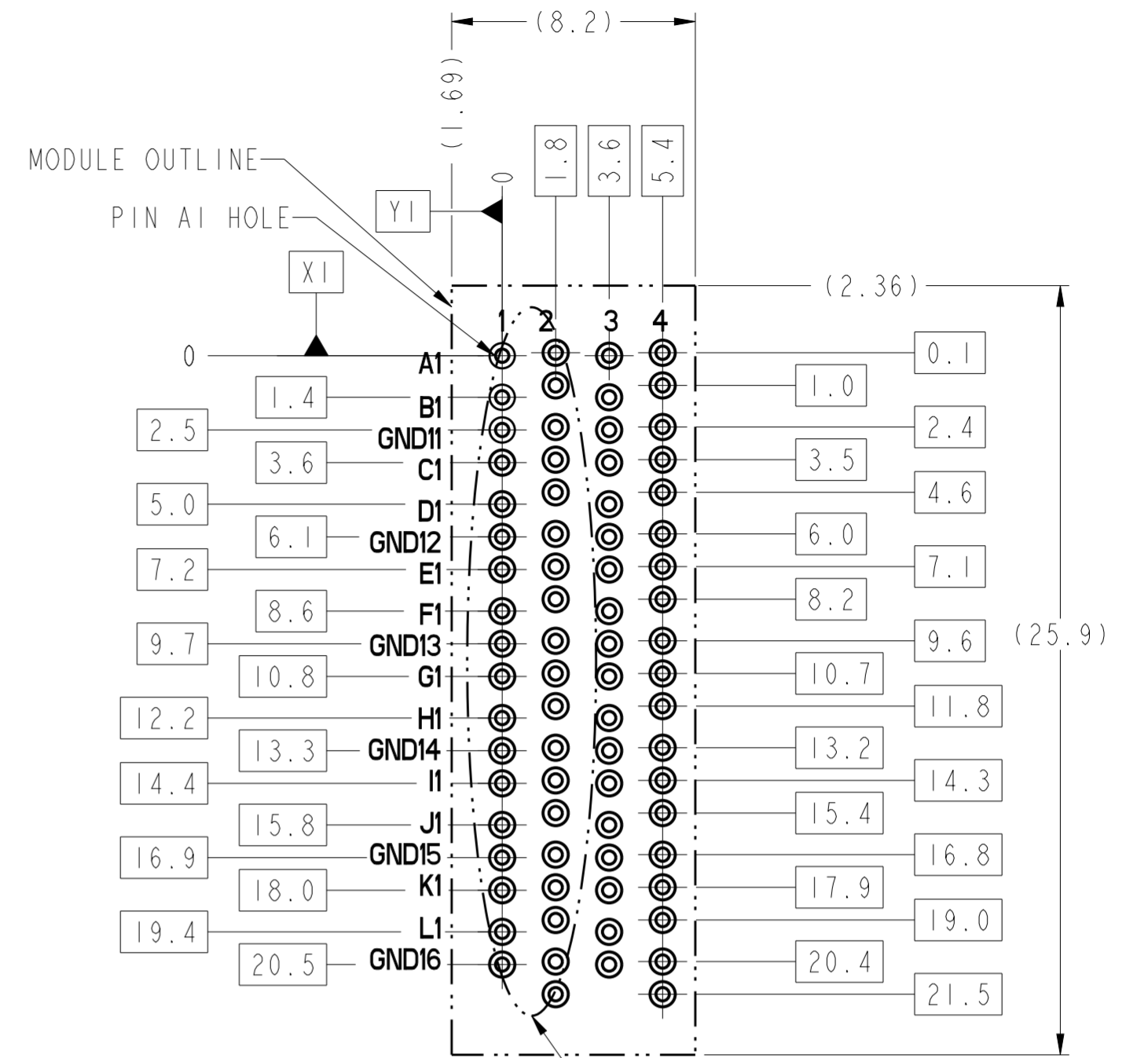
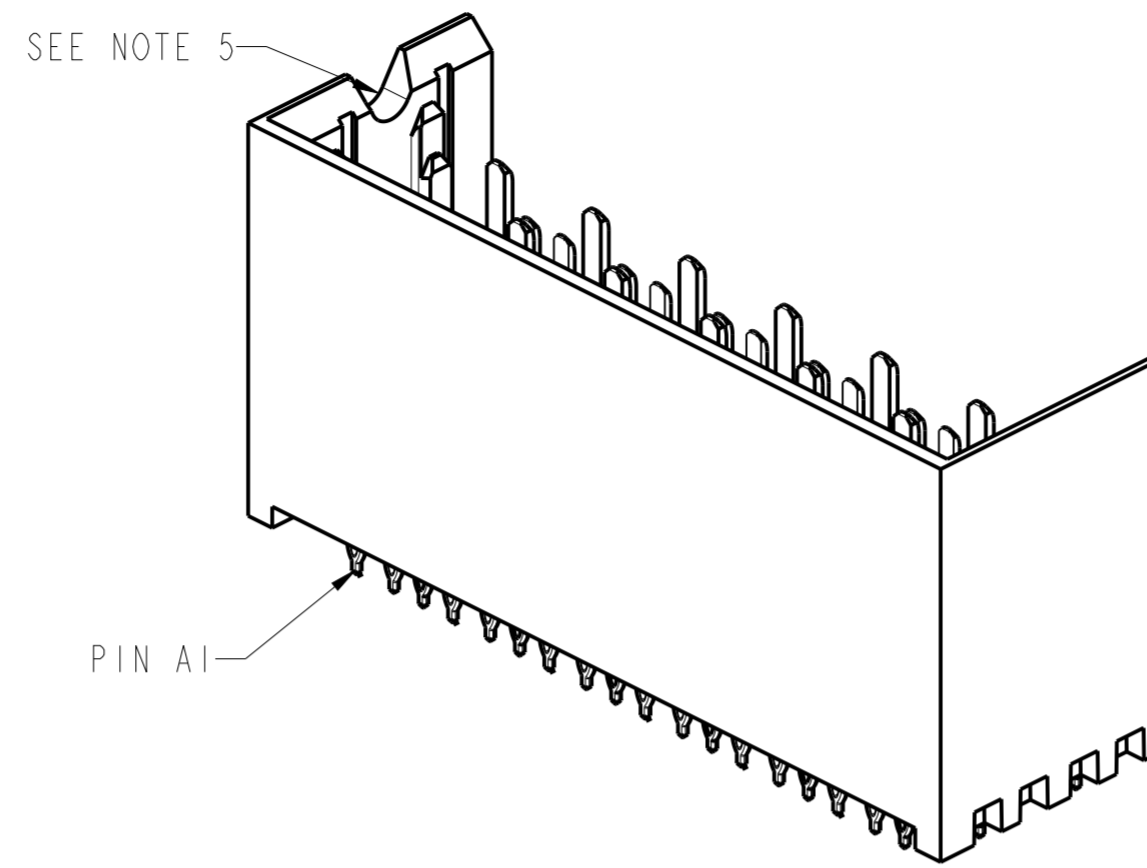
OPEN WALL MODULE BACKPLANE FOOTPRINT



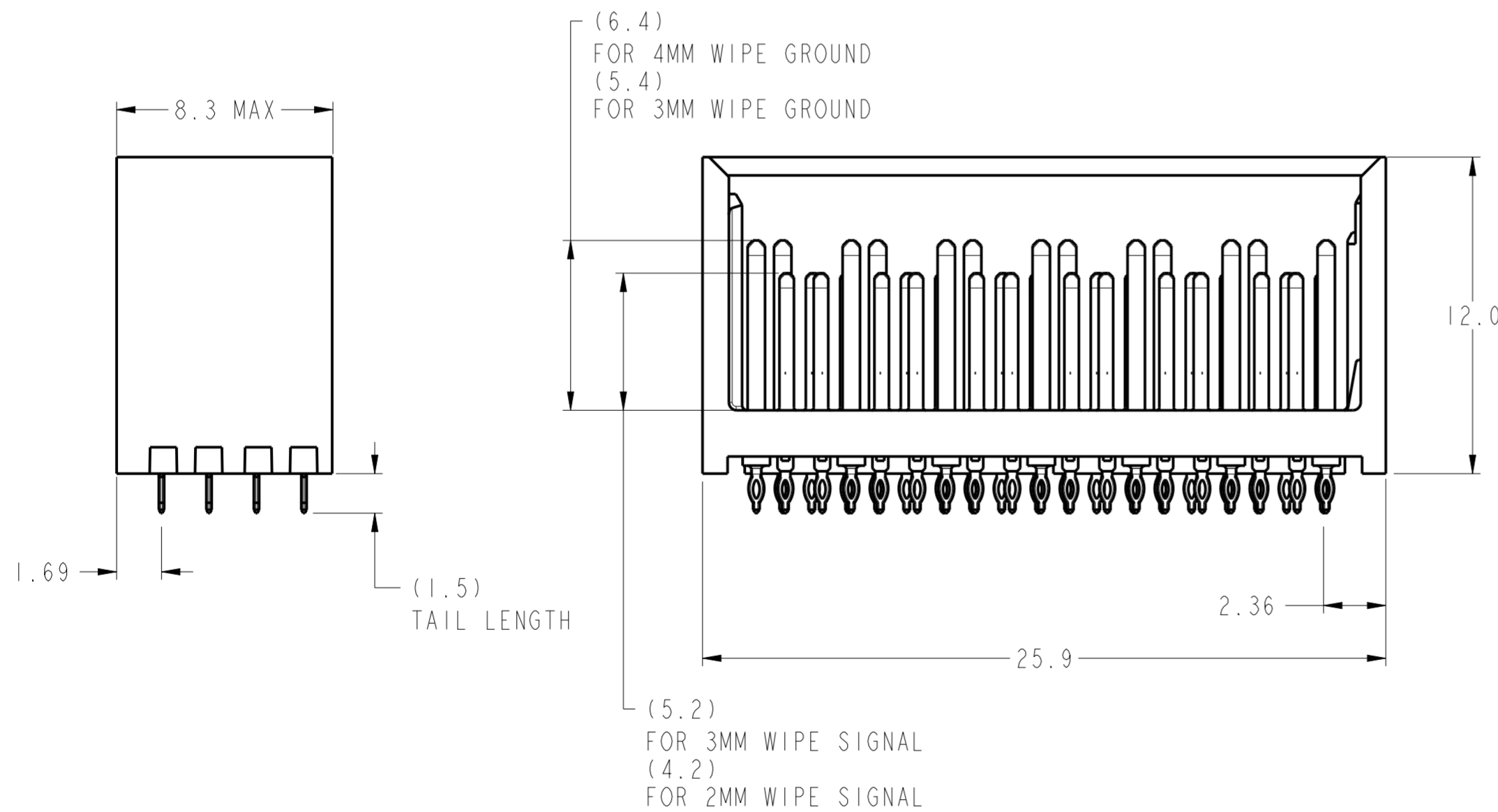
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tolerance std	ASME Y14.5	eng	Michael Song	2016/07/27			ecn no	-	Product - Customer Drw	sheet 2 of 8
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Heaven Cen	2016/07/27			rel level	Released		
surface	linear 0.X ±0.3 0.XX ±0.10 0.XXX ±0.05 ASME Y14.5 angular 0° ±2°	appr	Pai-Ming Zheng	2016/07/27			product family	XCEDE HD		
		Amphenol FCI			MODULE ASSEMBLY, XCEDE HD VERTICAL HEADER, 6 PAIR 4 COLUMN		dwg no 10130105	rev A		



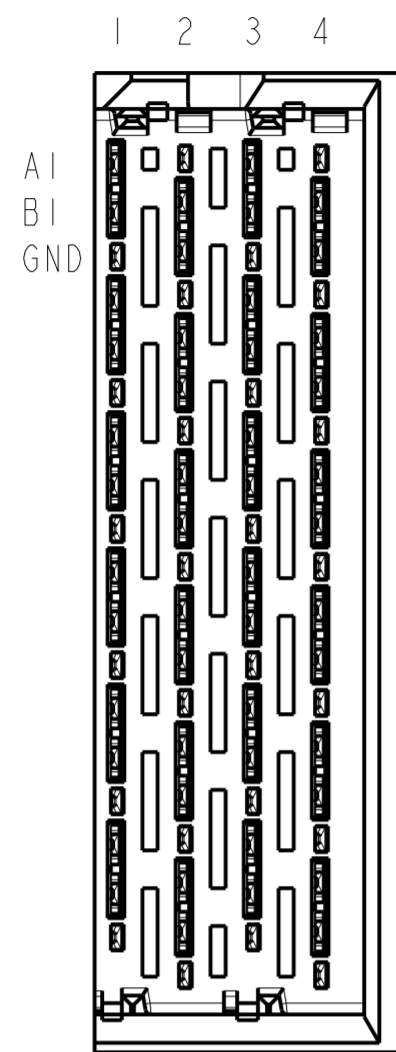
LEFT WALL MODULE



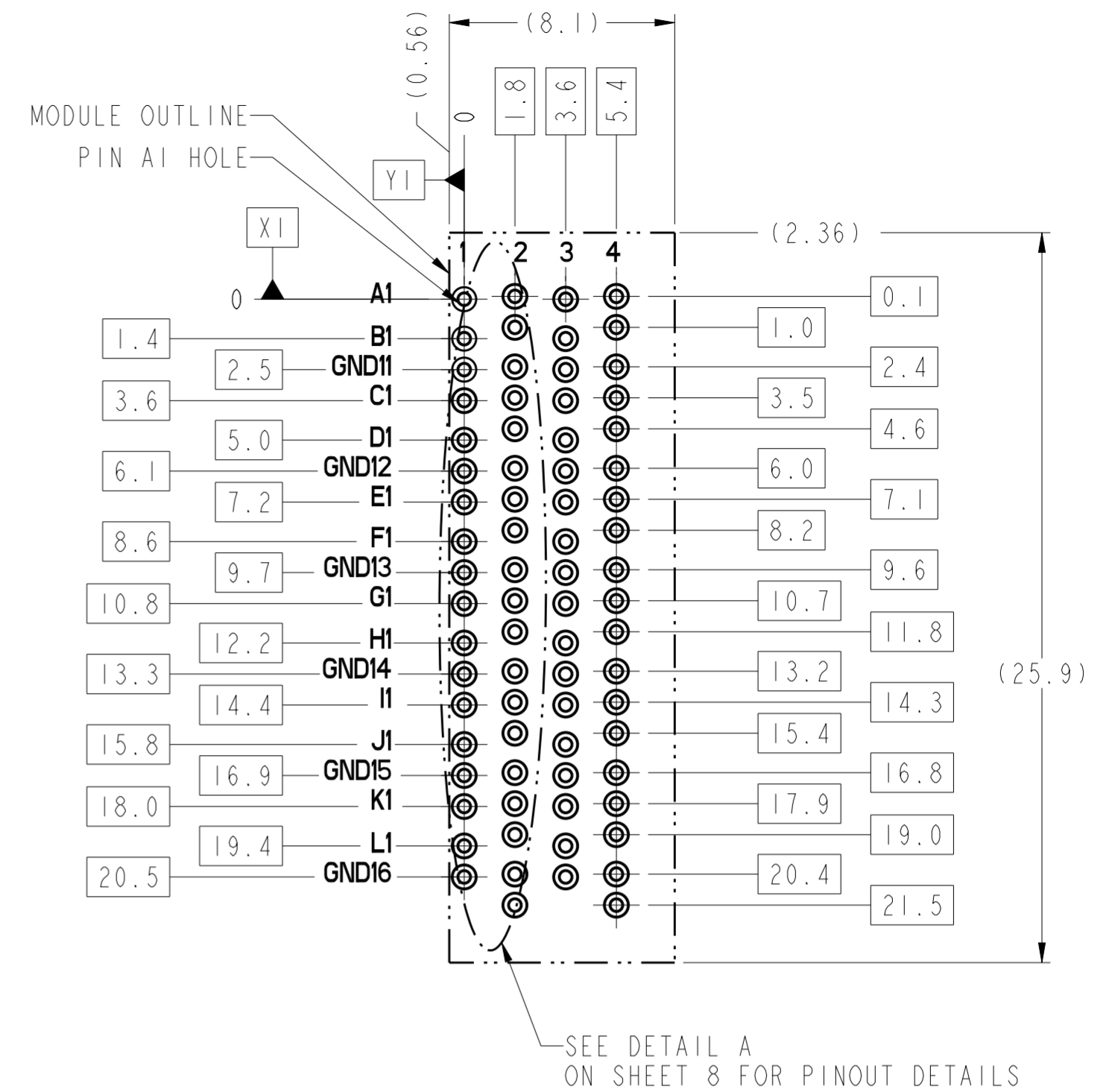
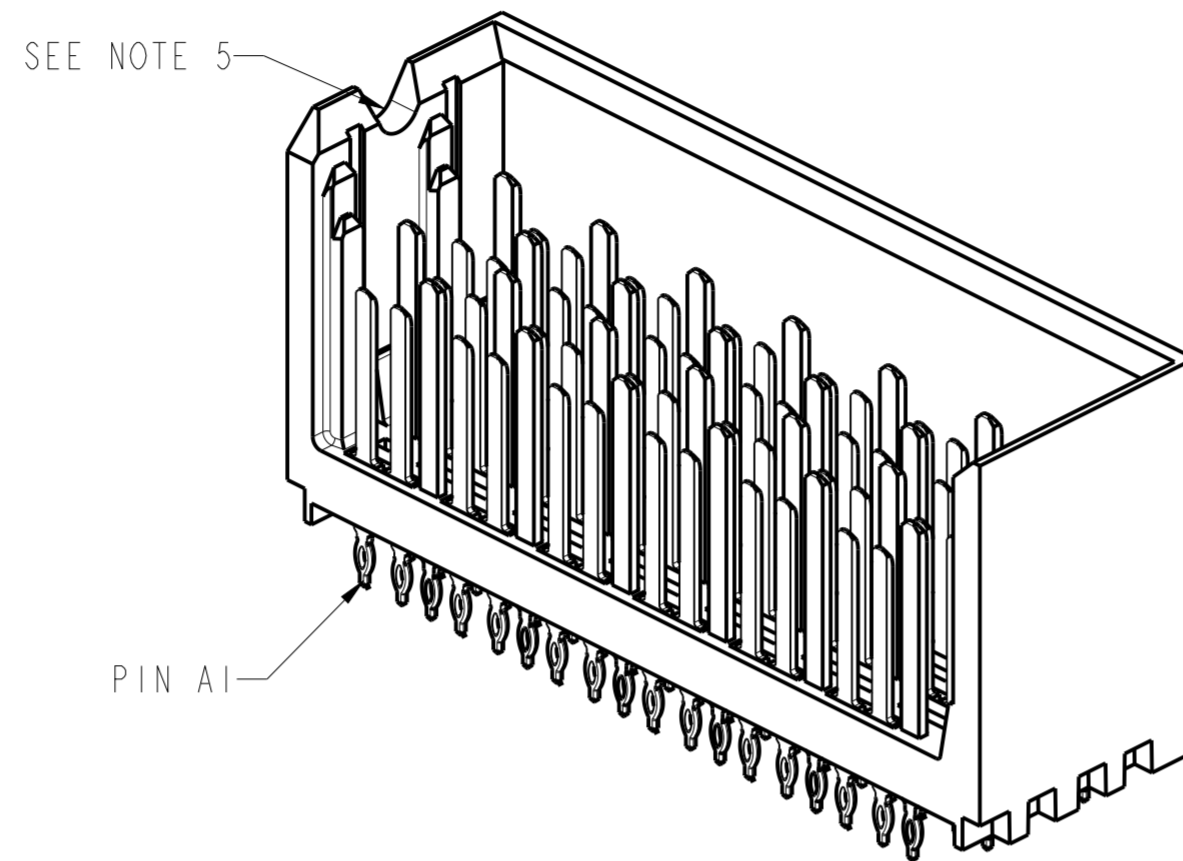
BP HOLE PATTERN COMPONENT SIDE
LEFT WALL MODULE BACKPLANE FOOTPRINT



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tolerance std	ASME Y14.5	eng	Michael Song	2016/07/27			ecn no	-	Product - Customer Drw	sheet 3 of 8
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Heaven Cen	2016/07/27			rel level	Released		
surface	linear	0.X	±0.3	0.XX			±0.10	0.XXX		
	angular	0°	±2°							

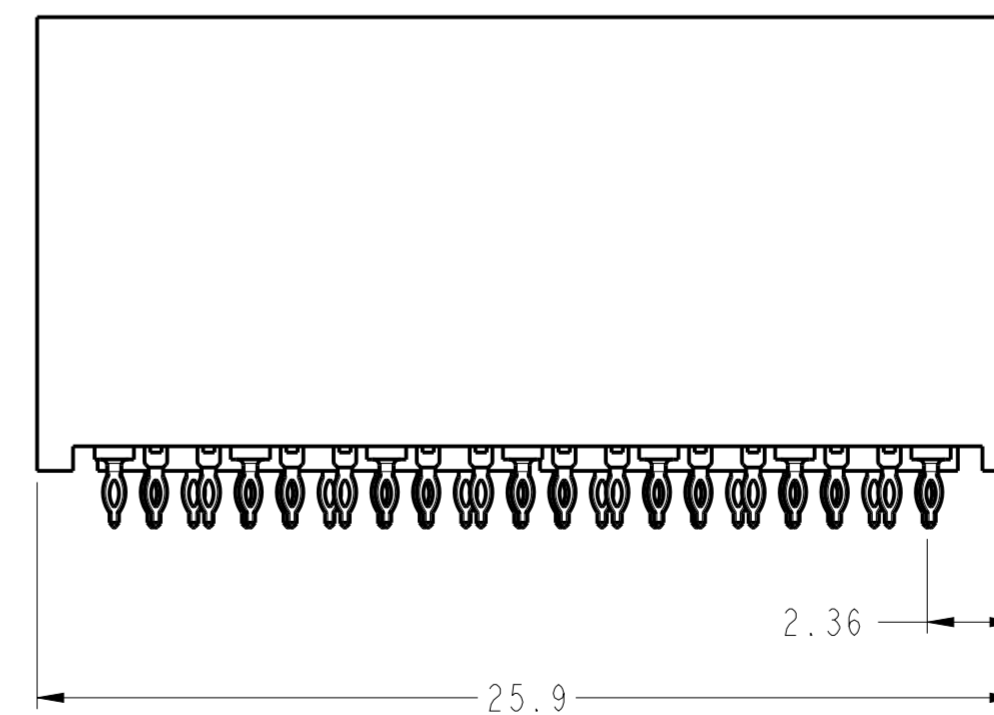
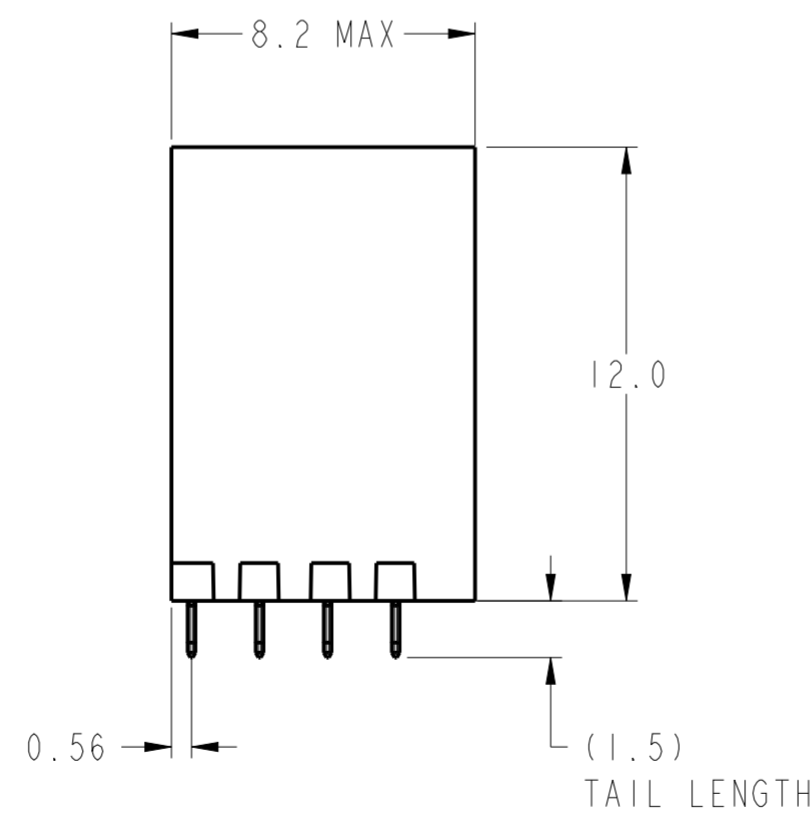
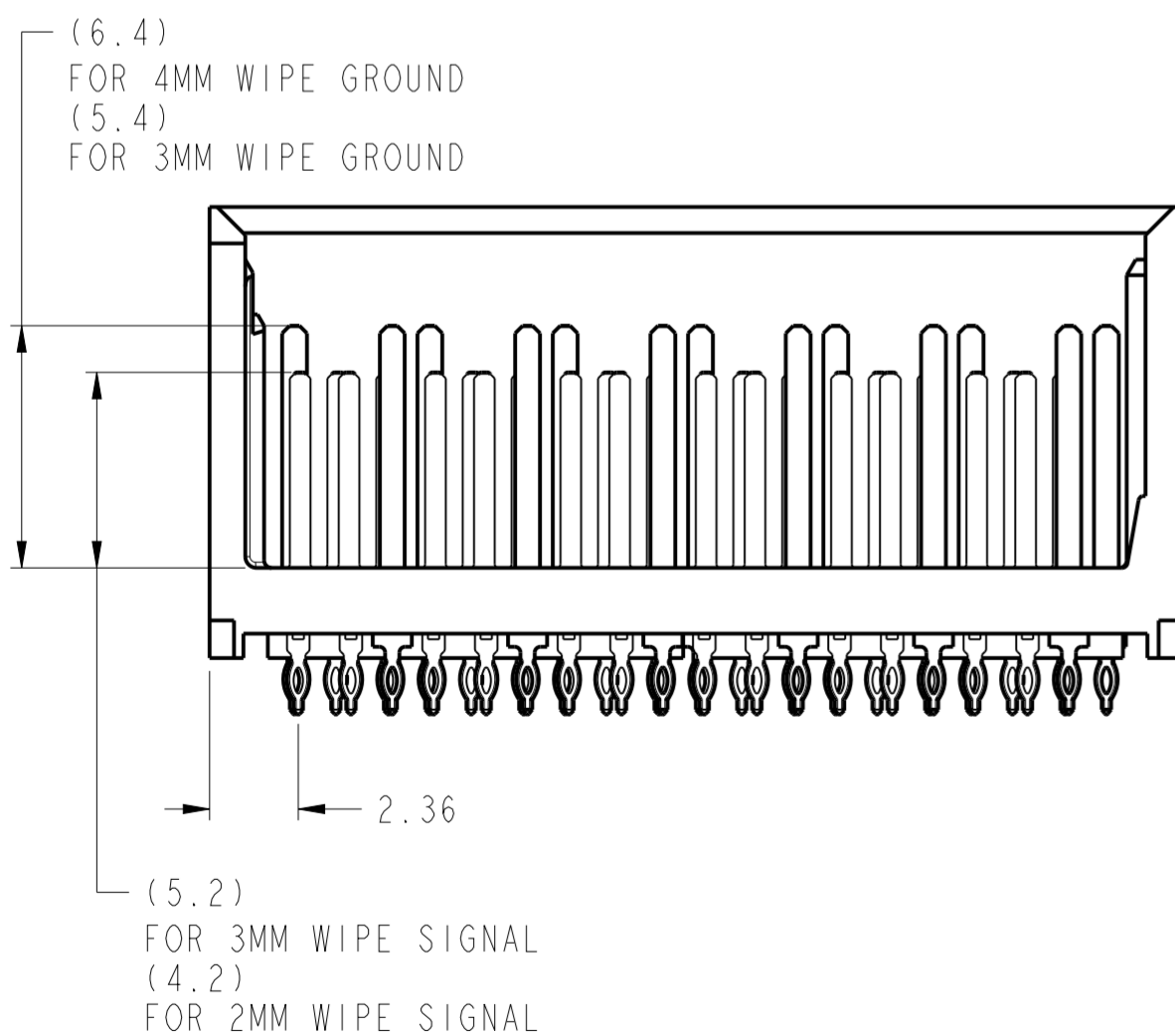


RIGHT WALL MODULE

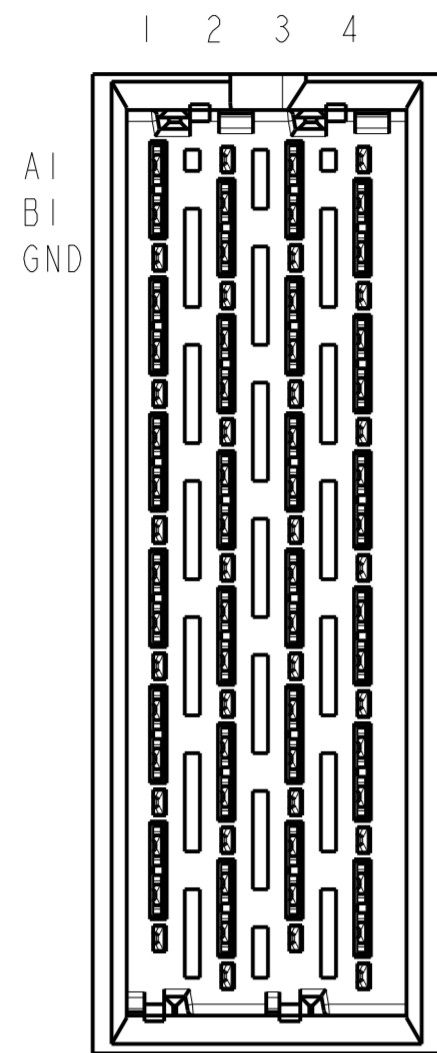


BP HOLE PATTERN COMPONENT SIDE

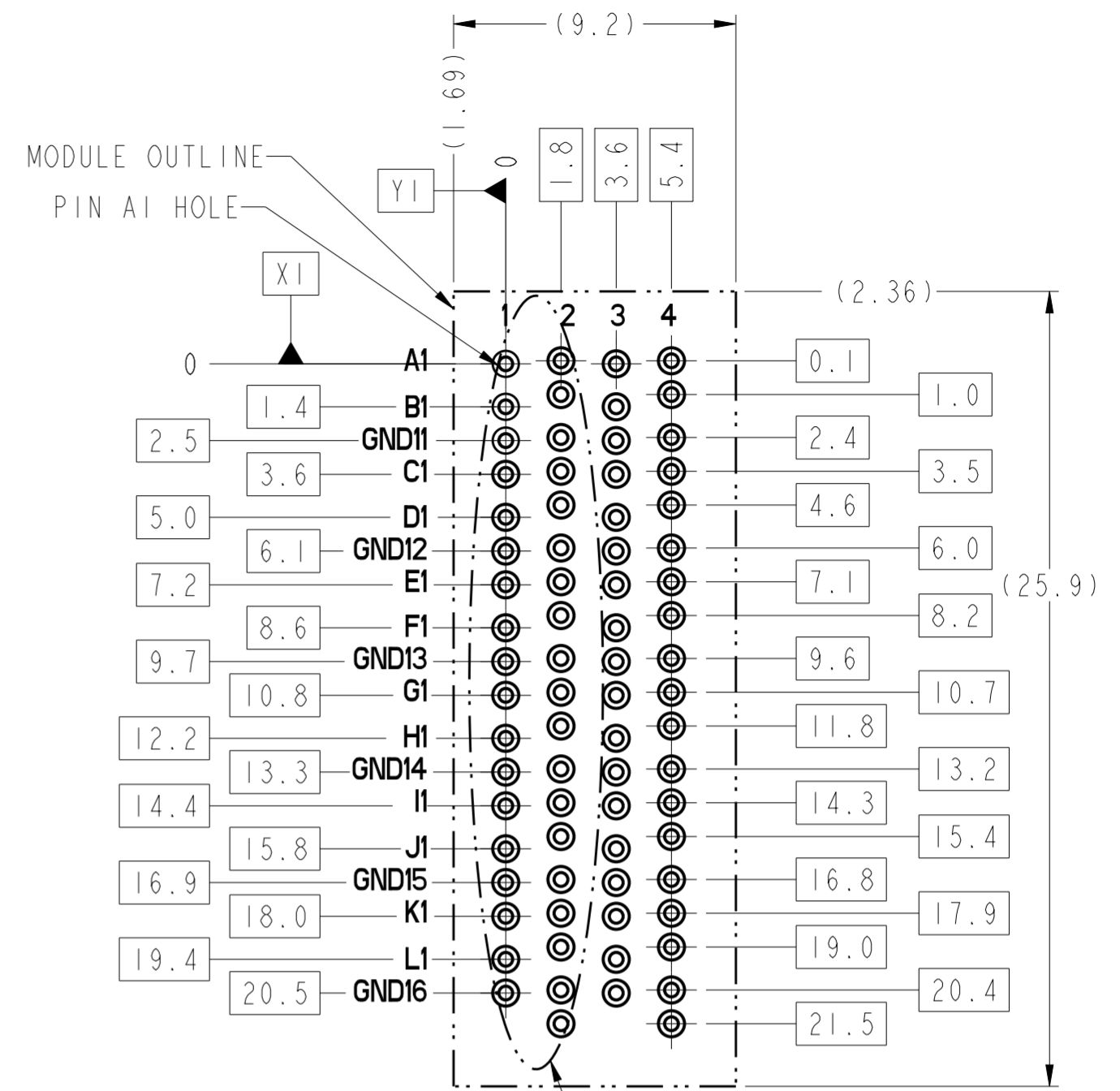
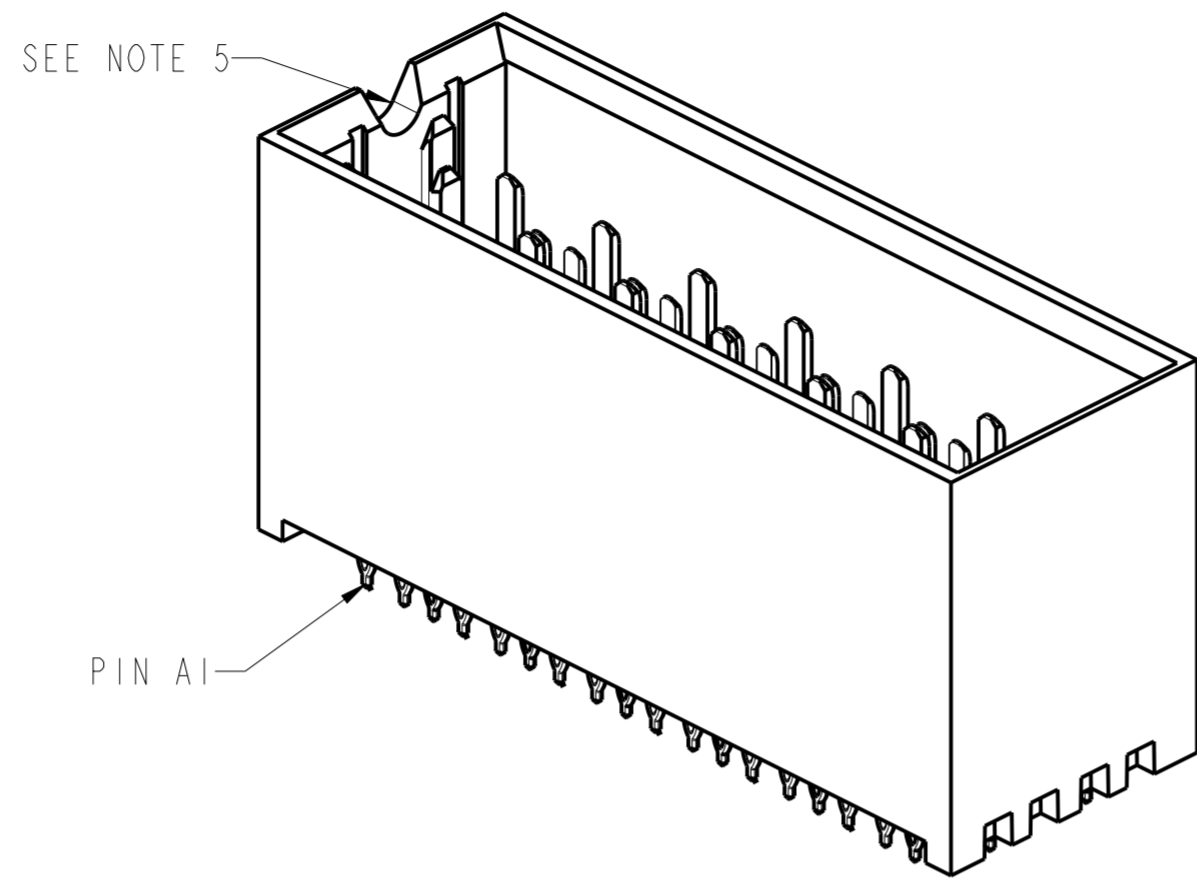
RIGHT WALL MODULE BACKPLANE FOOTPRINT



spec ref	-	dr	Sander Soe	2014/05/16	projection	MM	size	A2	scale	5:1
tolerance std	ASME Y14.5	eng	Michael Song	2016/07/27			ecn no	-	rel level	Released
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Heaven Cen	2016/07/27			product family	XCEDE HD		
surface	linear	appr	Pai-Ming Zheng	2016/07/27	Amphenol FCI		MODULE ASSEMBLY, XCEDE HD VERTICAL HEADER, 6 PAIR 4 COLUMN	dwg no 10130105	rev A	
ASME Y14.5	angular			cat. no.		Product - Customer Drw		sheet 4 of 8		

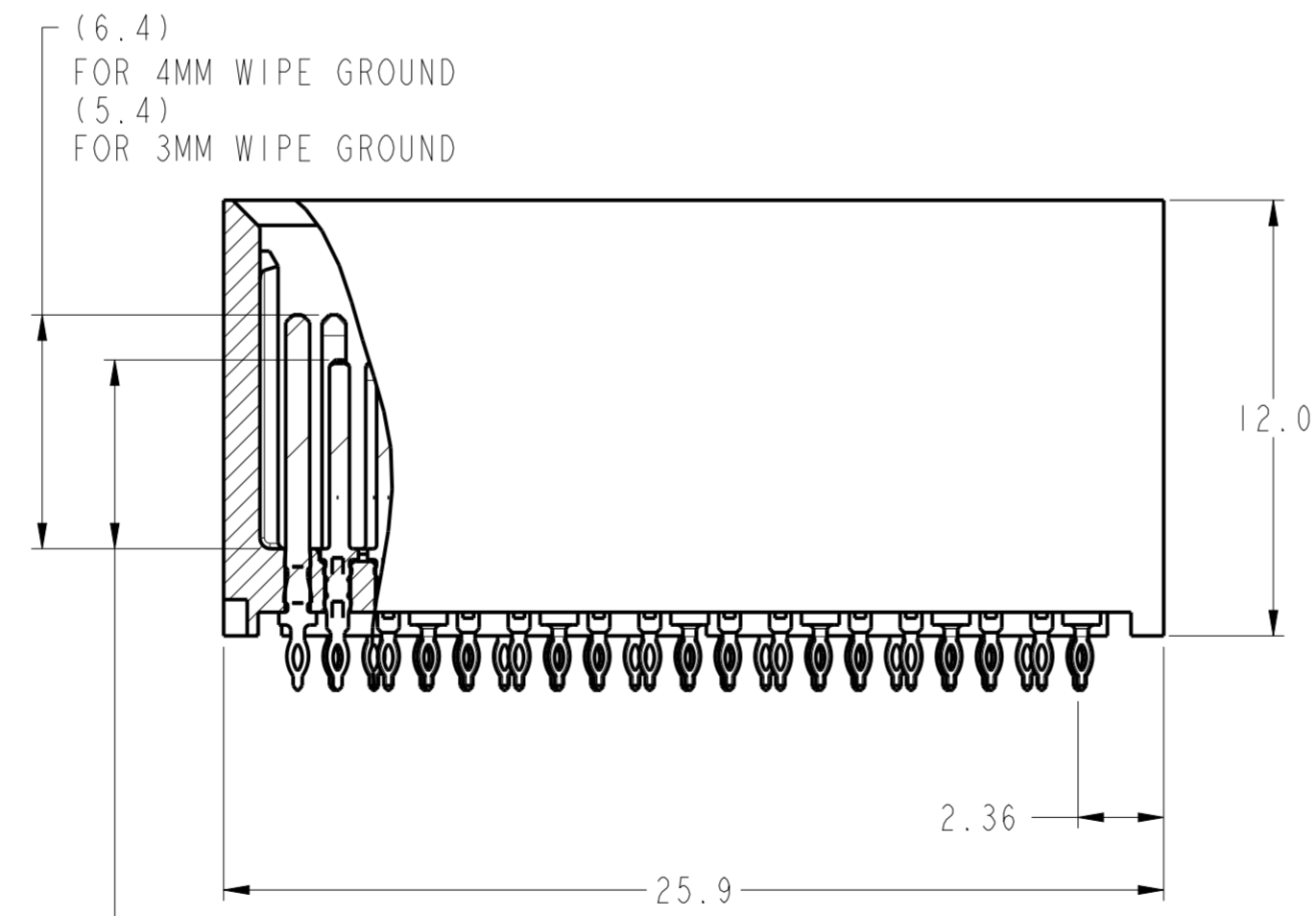
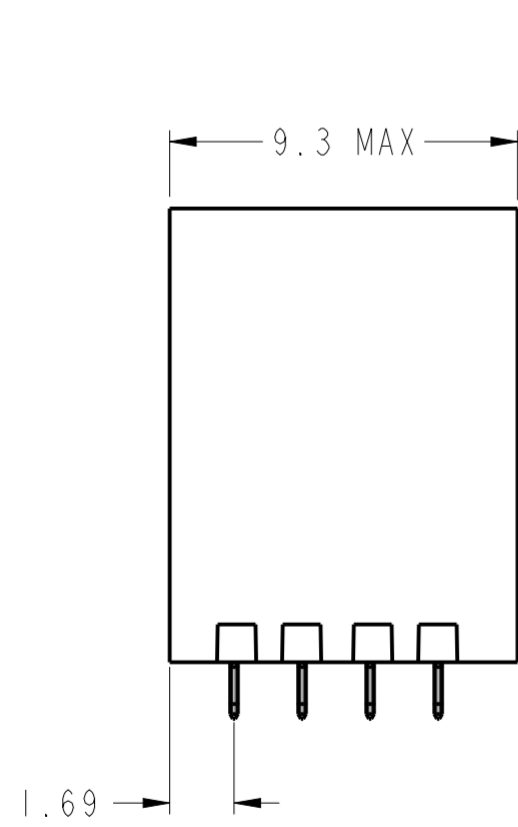


FOUR WALL MODULE

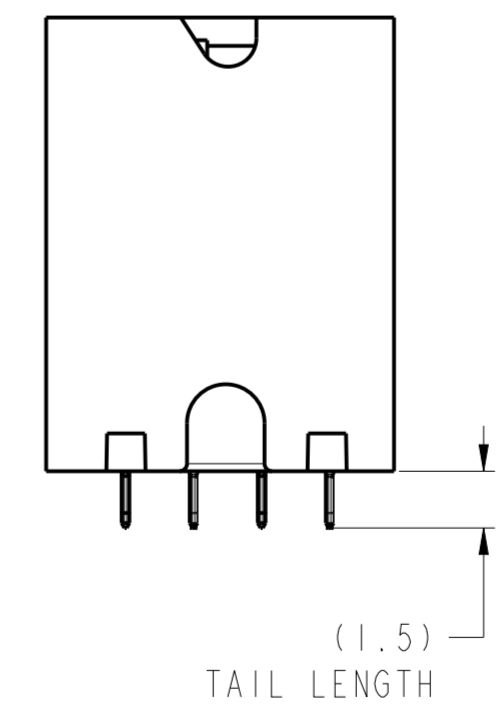


SEE DETAIL A ON SHEET 8 FOR PINOUT DETAILS

BP HOLE PATTERN COMPONENT SIDE
FOUR WALL MODULE BACKPLANE FOOTPRINT



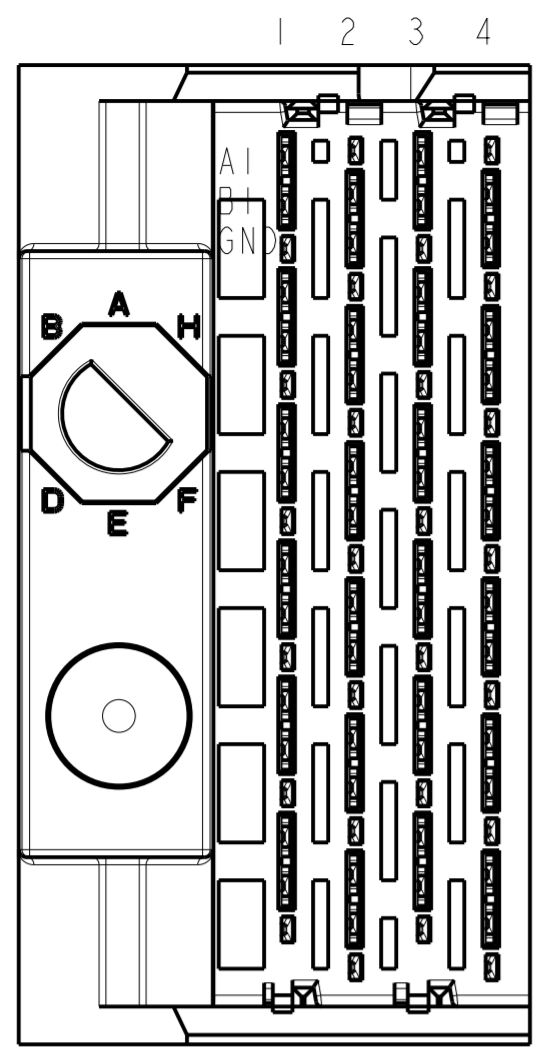
(5.2) FOR 3MM WIPE SIGNAL
(4.2) FOR 2MM WIPE SIGNAL



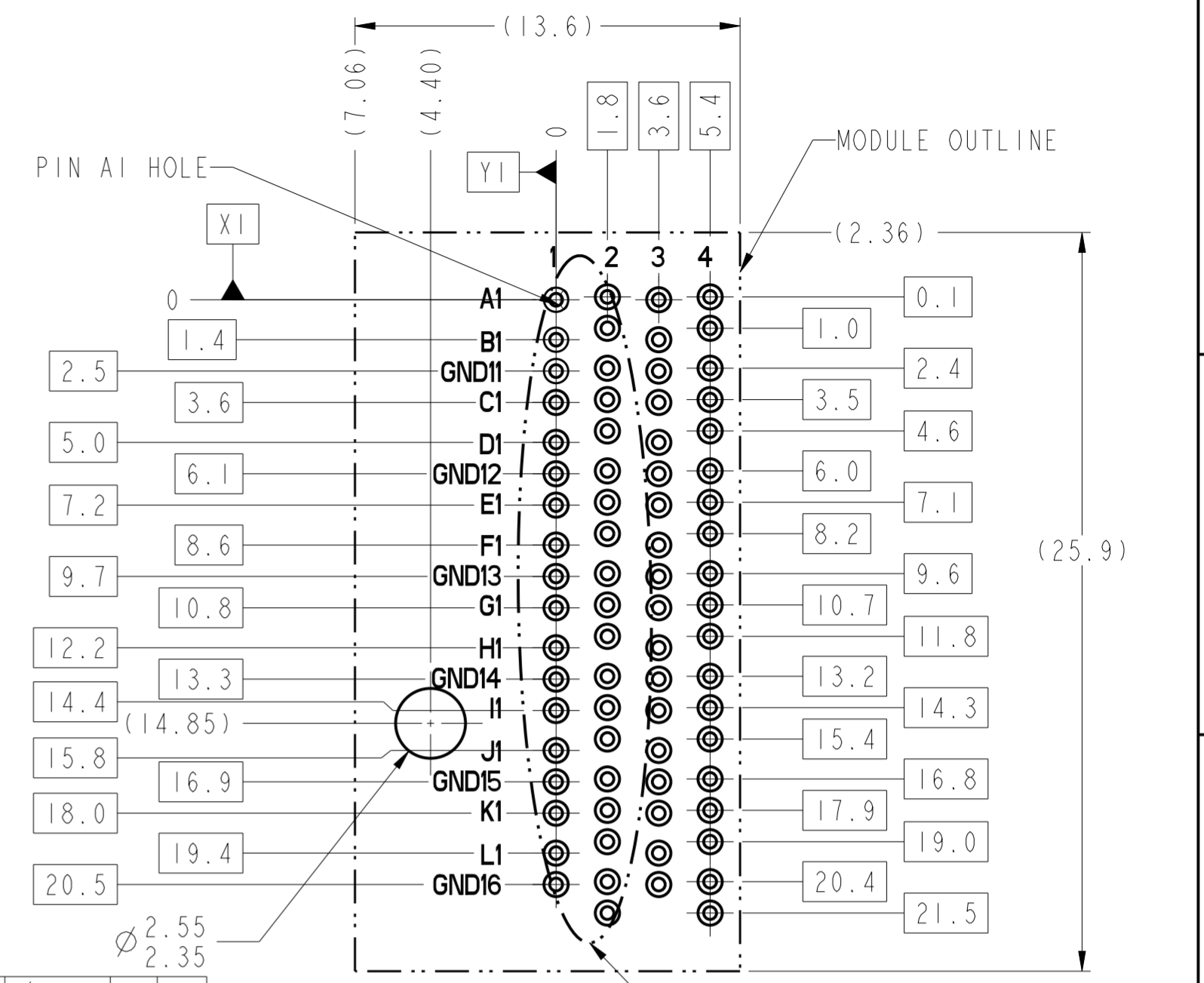
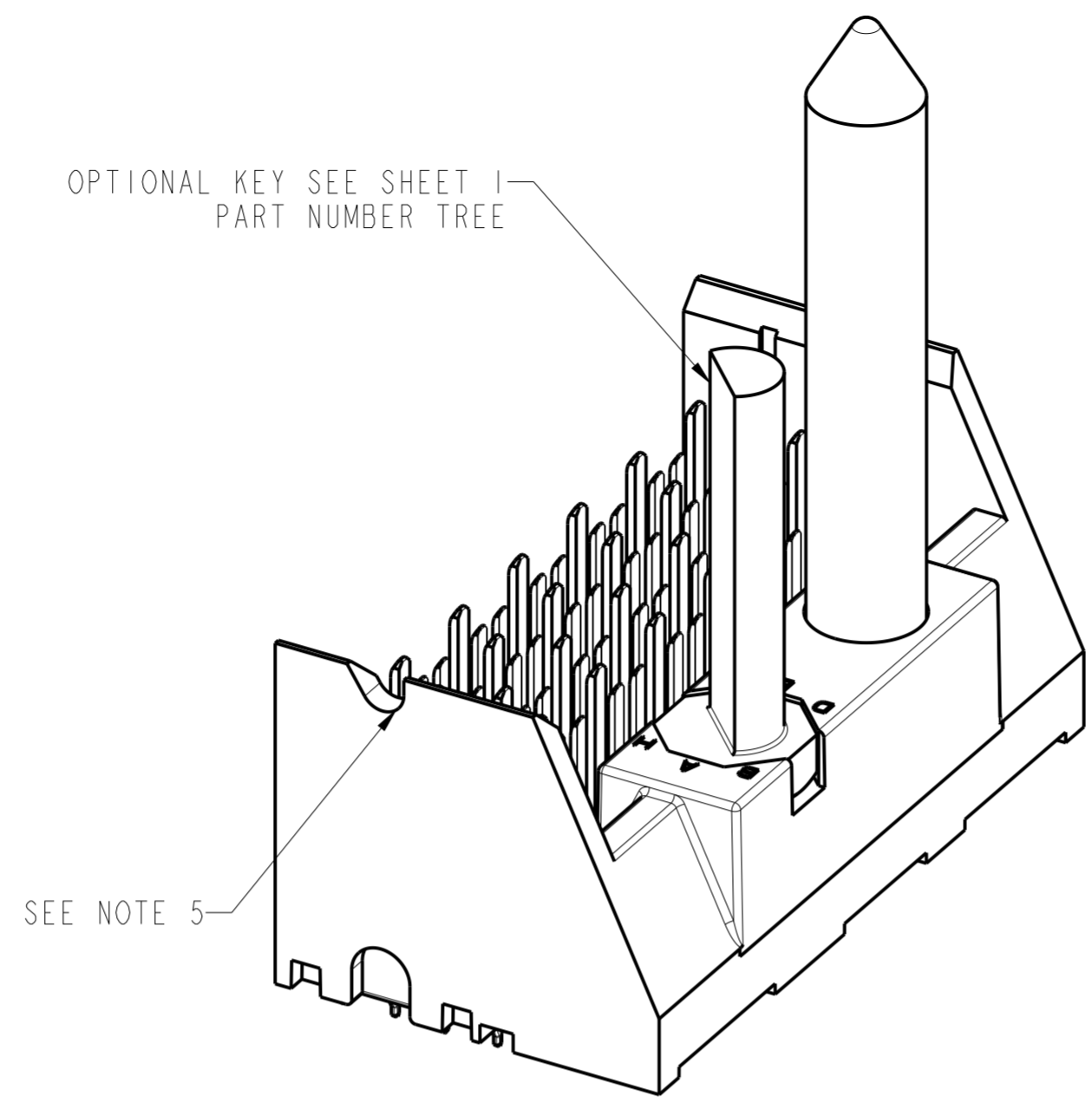
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tolerance std	ASME Y14.5	eng	Michael Song	2016/07/27			ecn no	-	rel level	Released
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Heaven Cen	2016/07/27			product family	XCEDE HD		
surface	linear	0.X	±0.3		MODULE ASSEMBLY, XCEDE HD		dwg no	10130105	rev	A
		0.XX	±0.10		VERTICAL HEADER, 6 PAIR 4 COLUMN		cat. no.	Product - Customer Draw	sheet 5 of 8	
	angular	0°	±2°							

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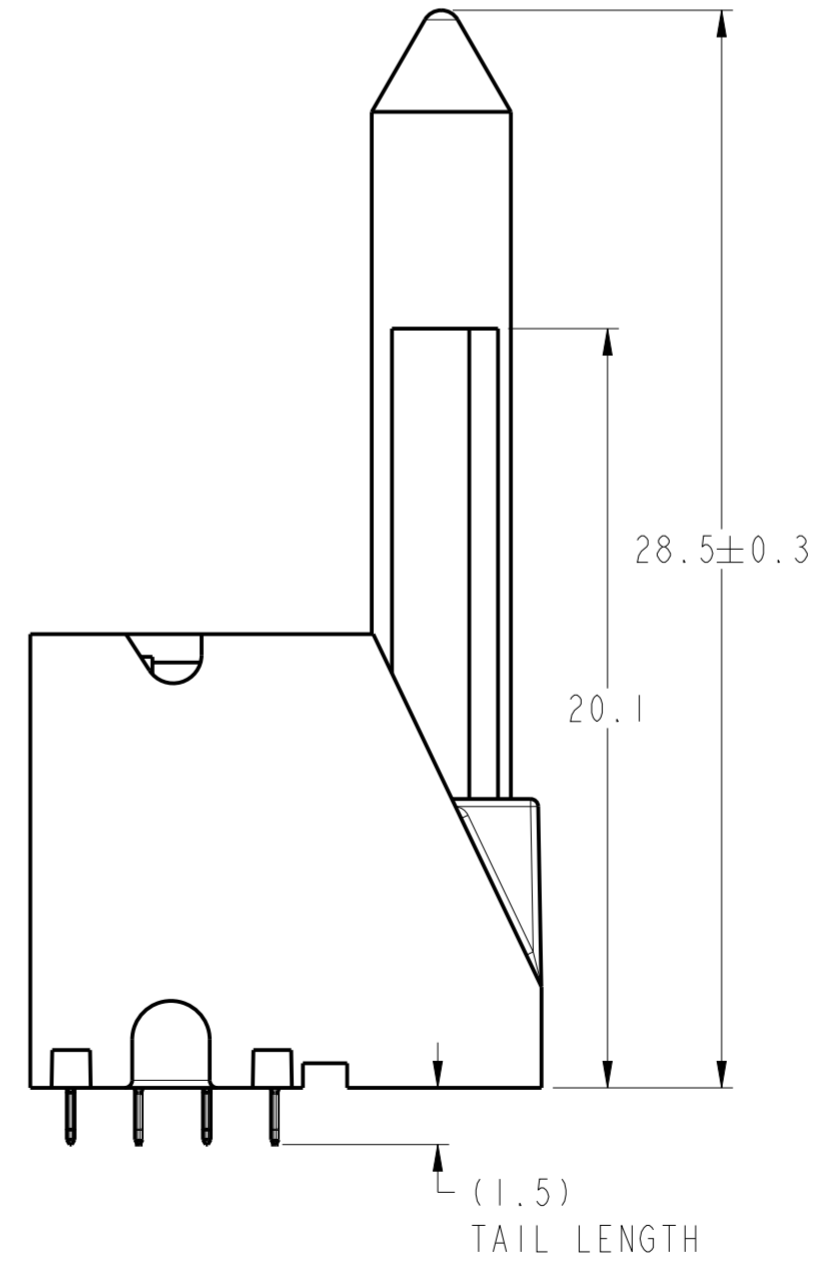
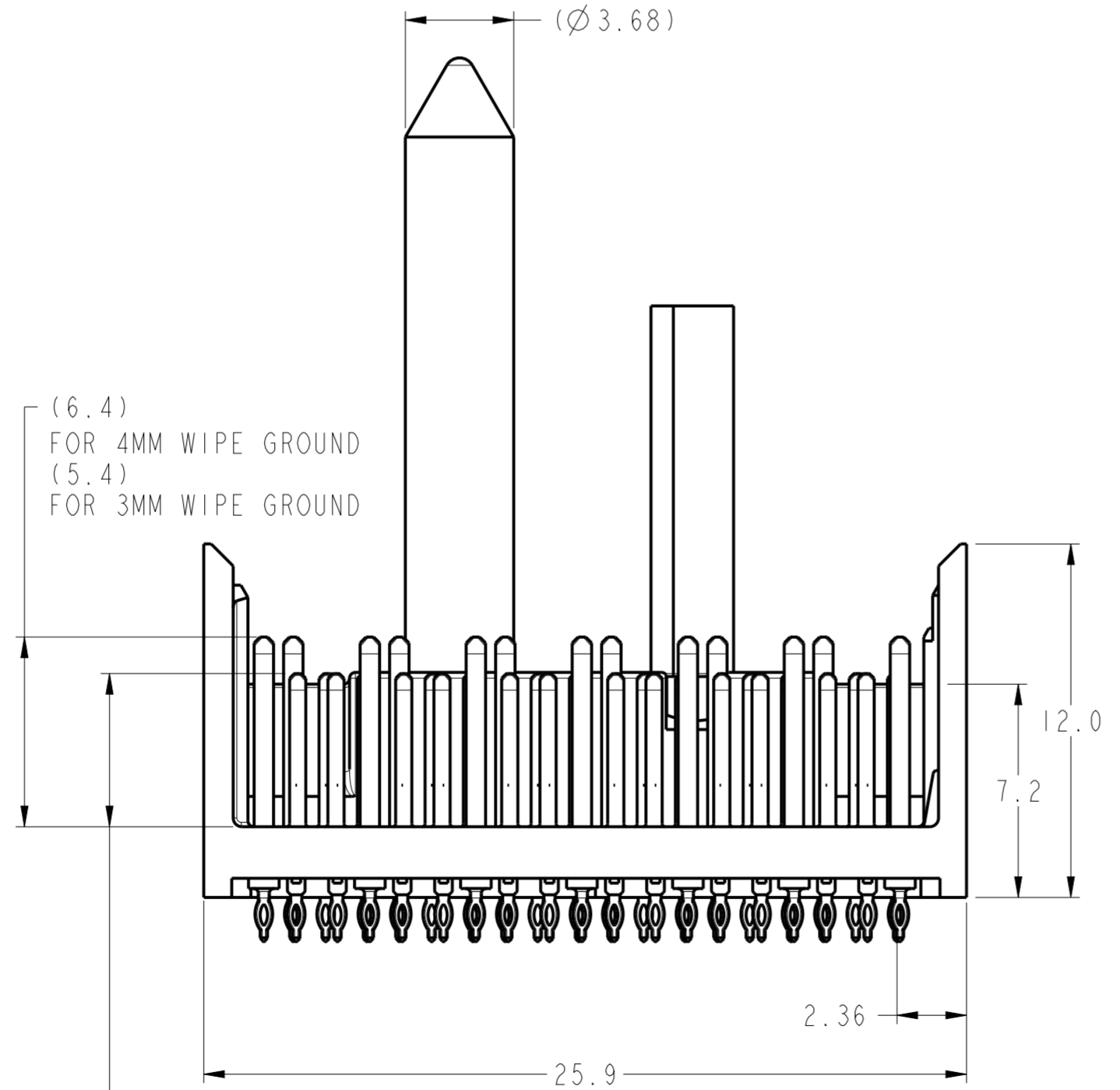
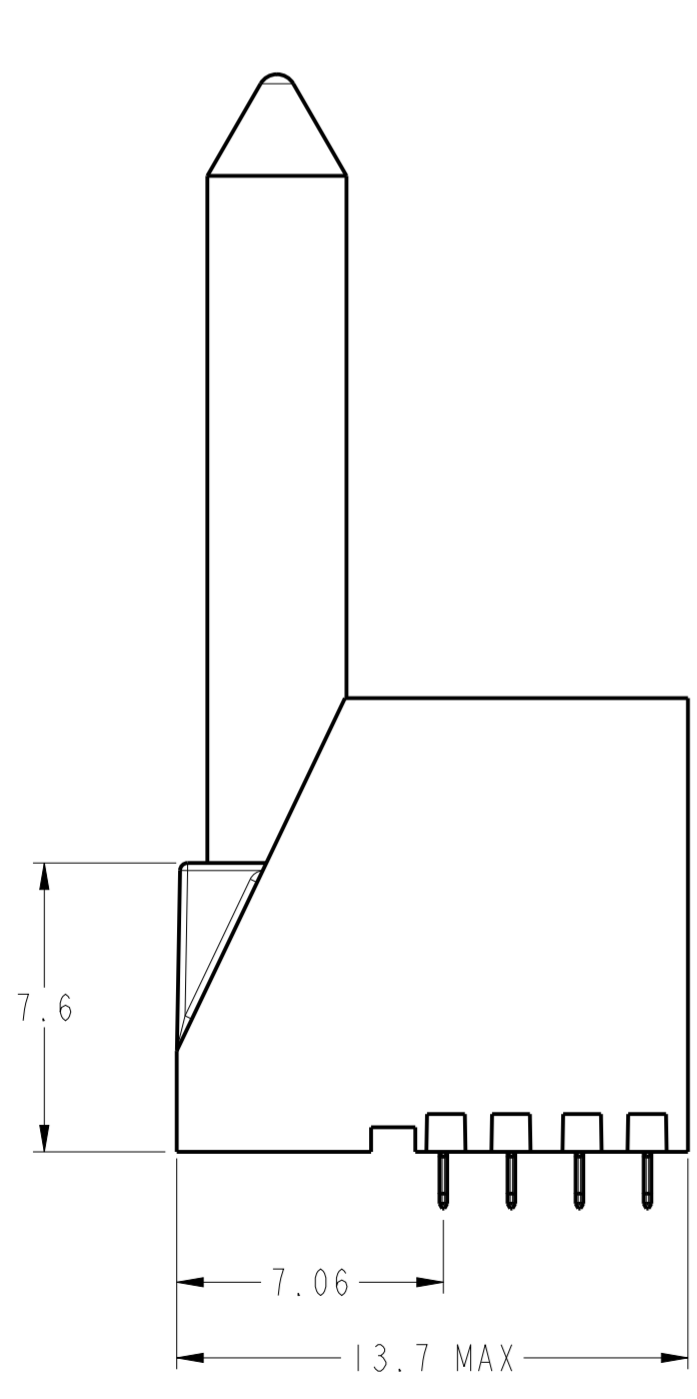
LEFT POLARIZING / GUIDE MODULE



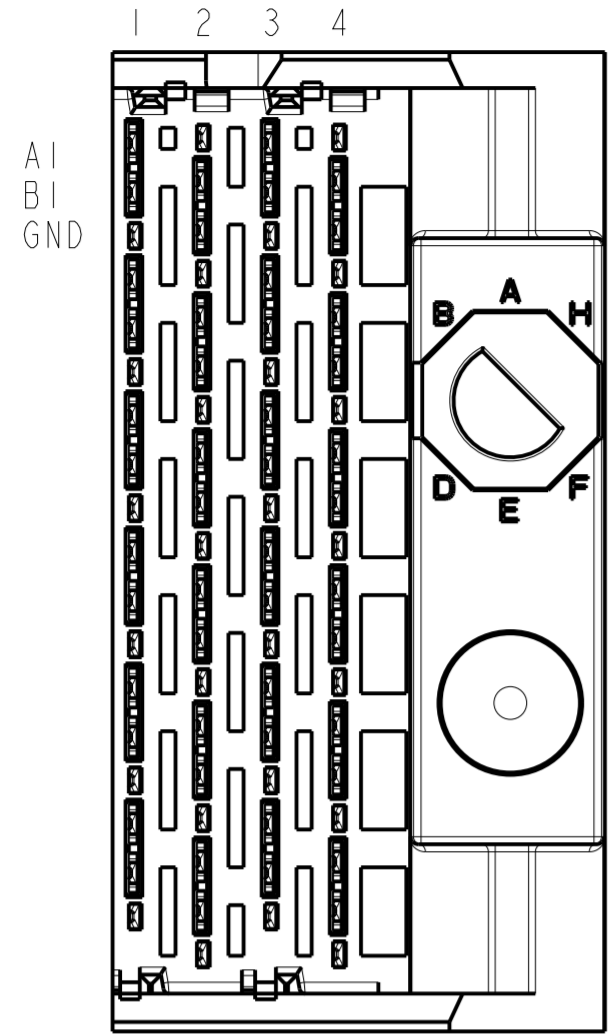
SEE NOTE 10 & TABLE 1

SEE DETAIL A ON SHEET 8 FOR PINOUT DETAILS

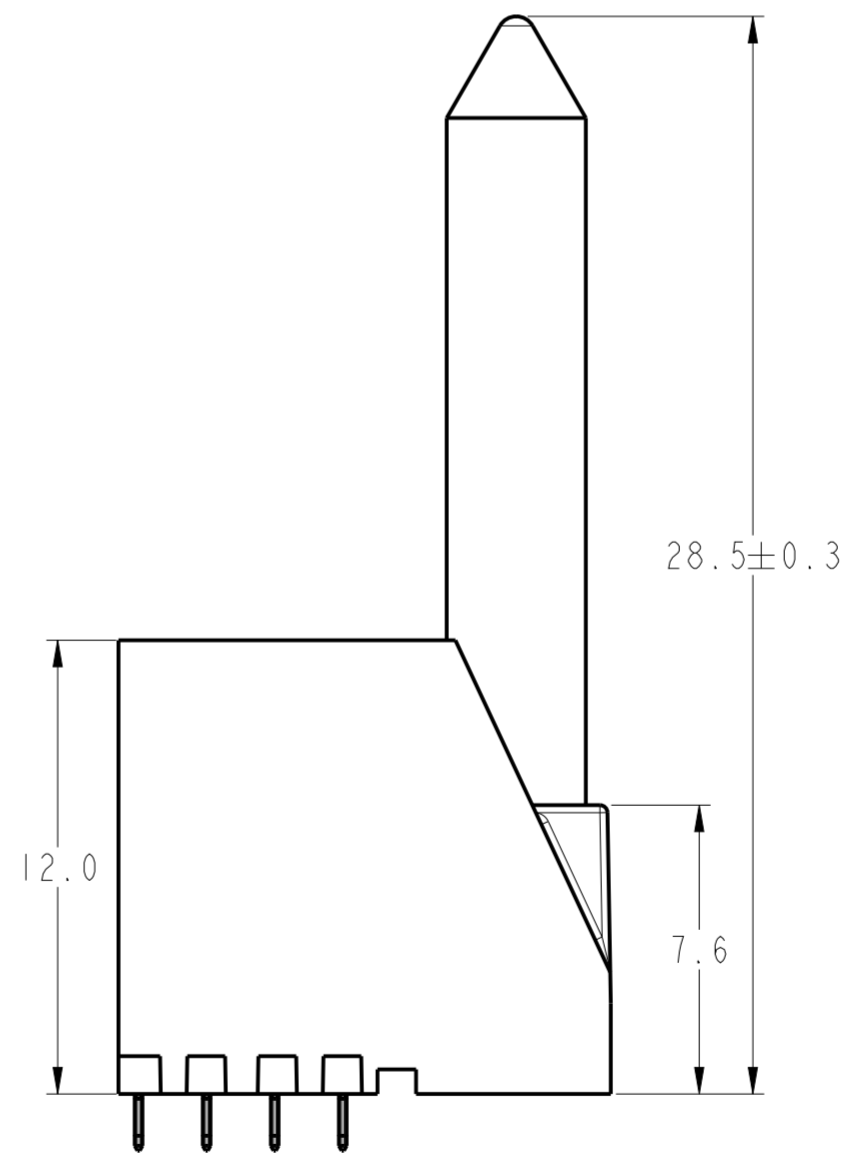
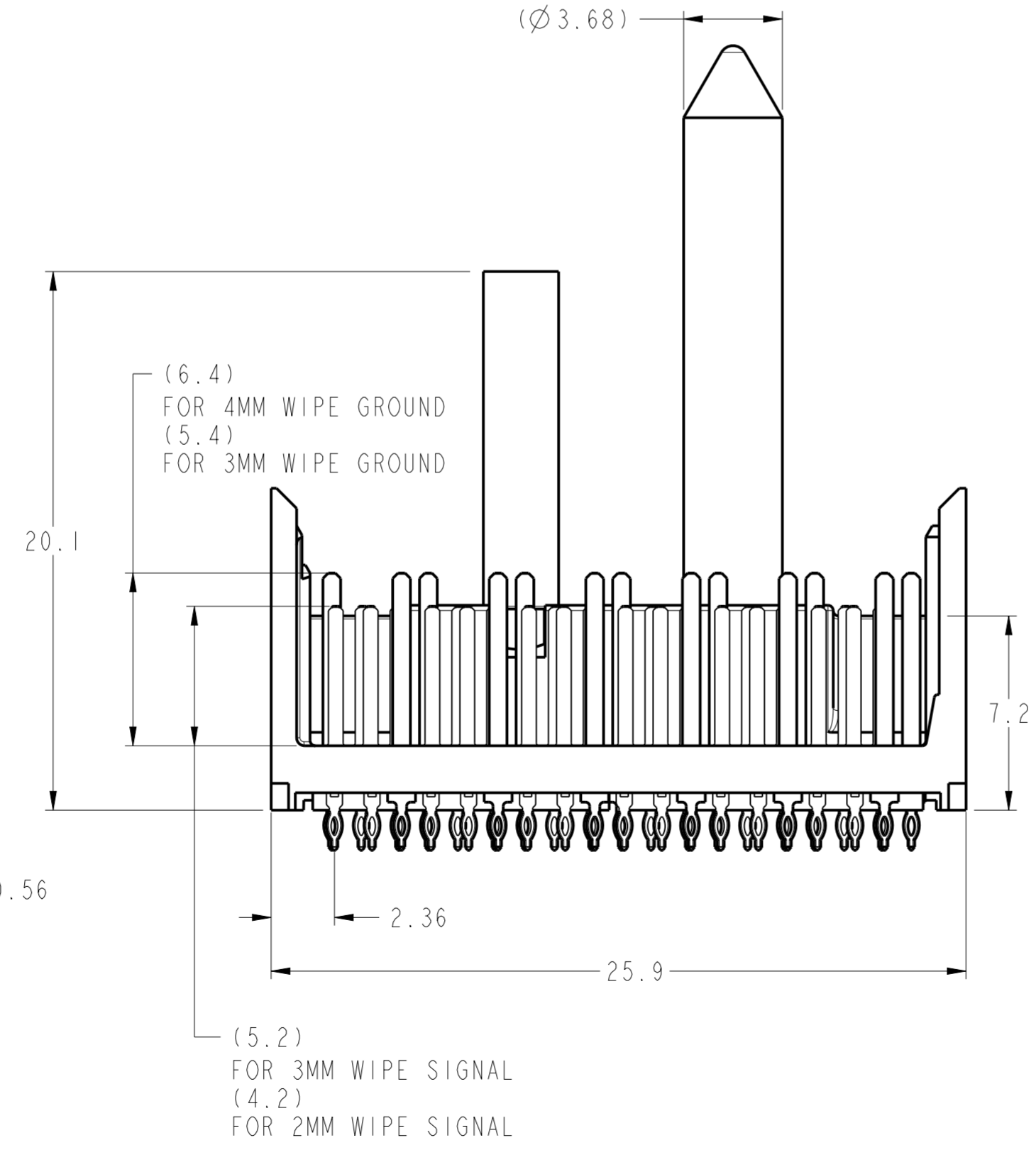
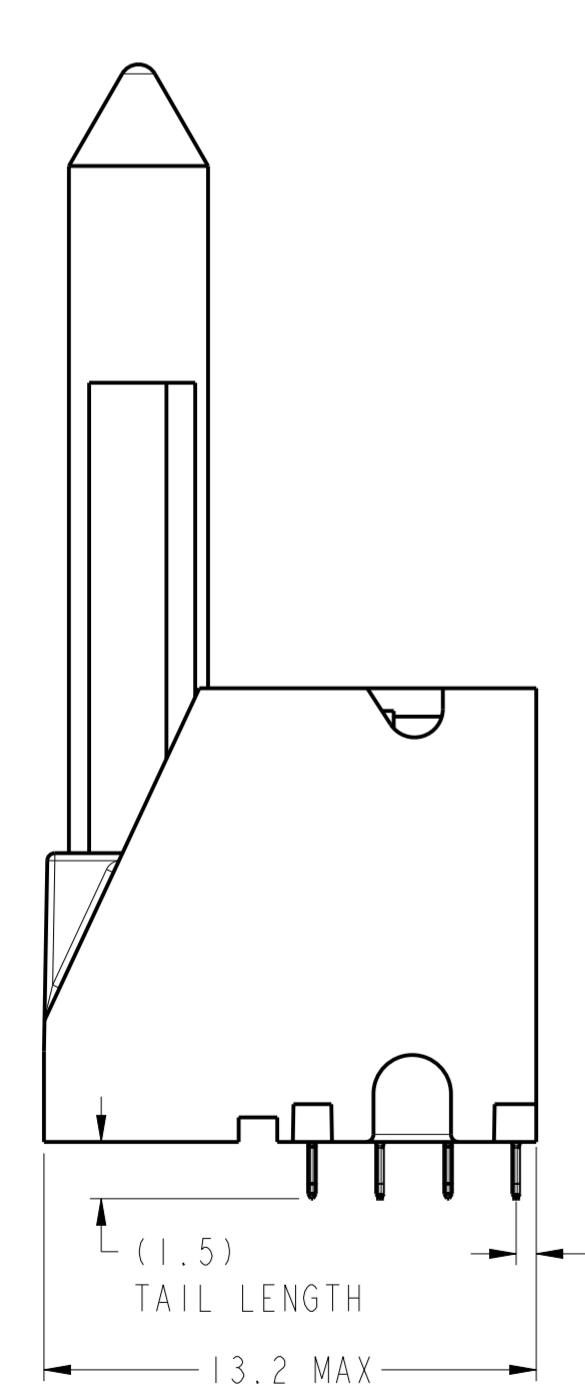
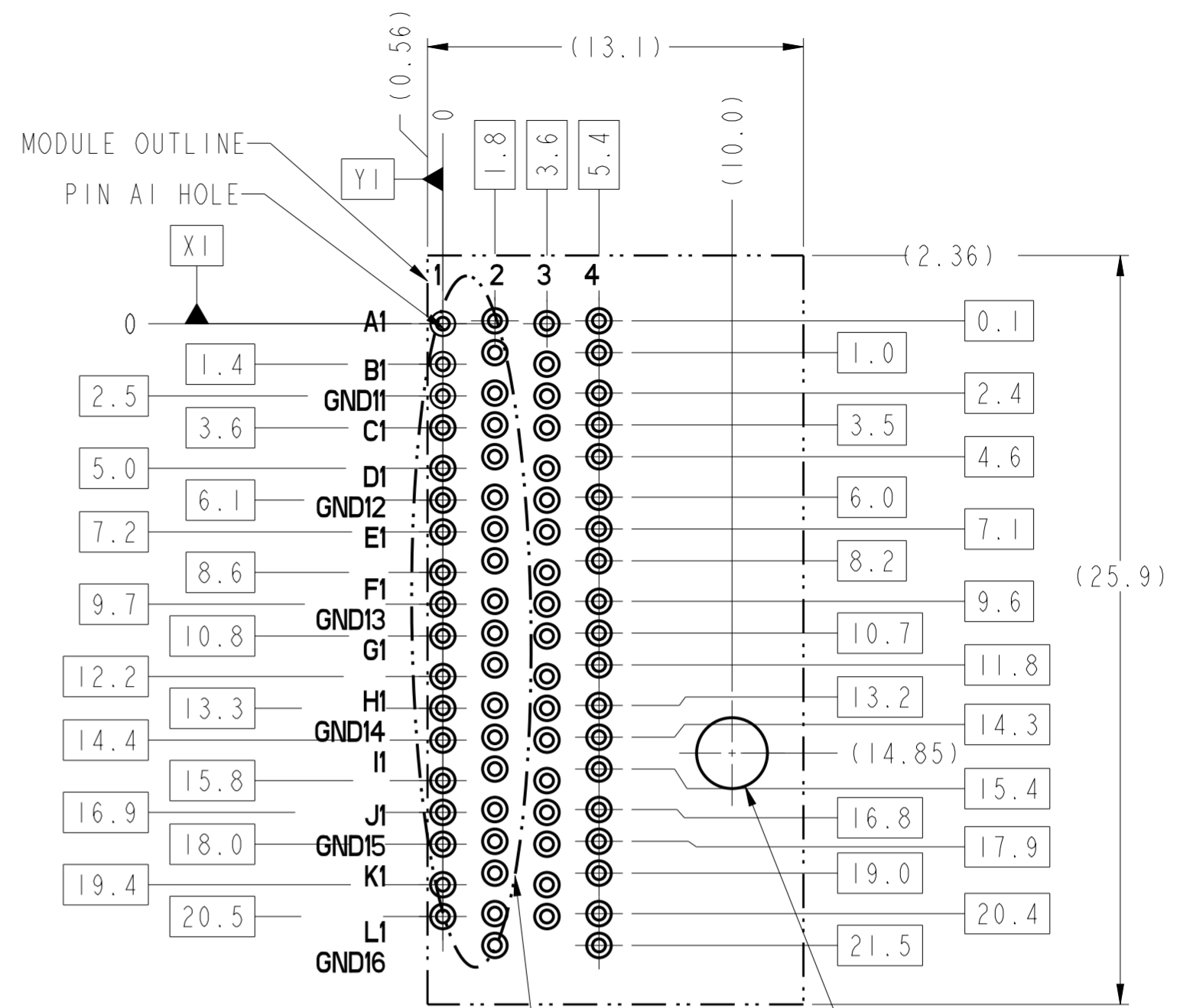
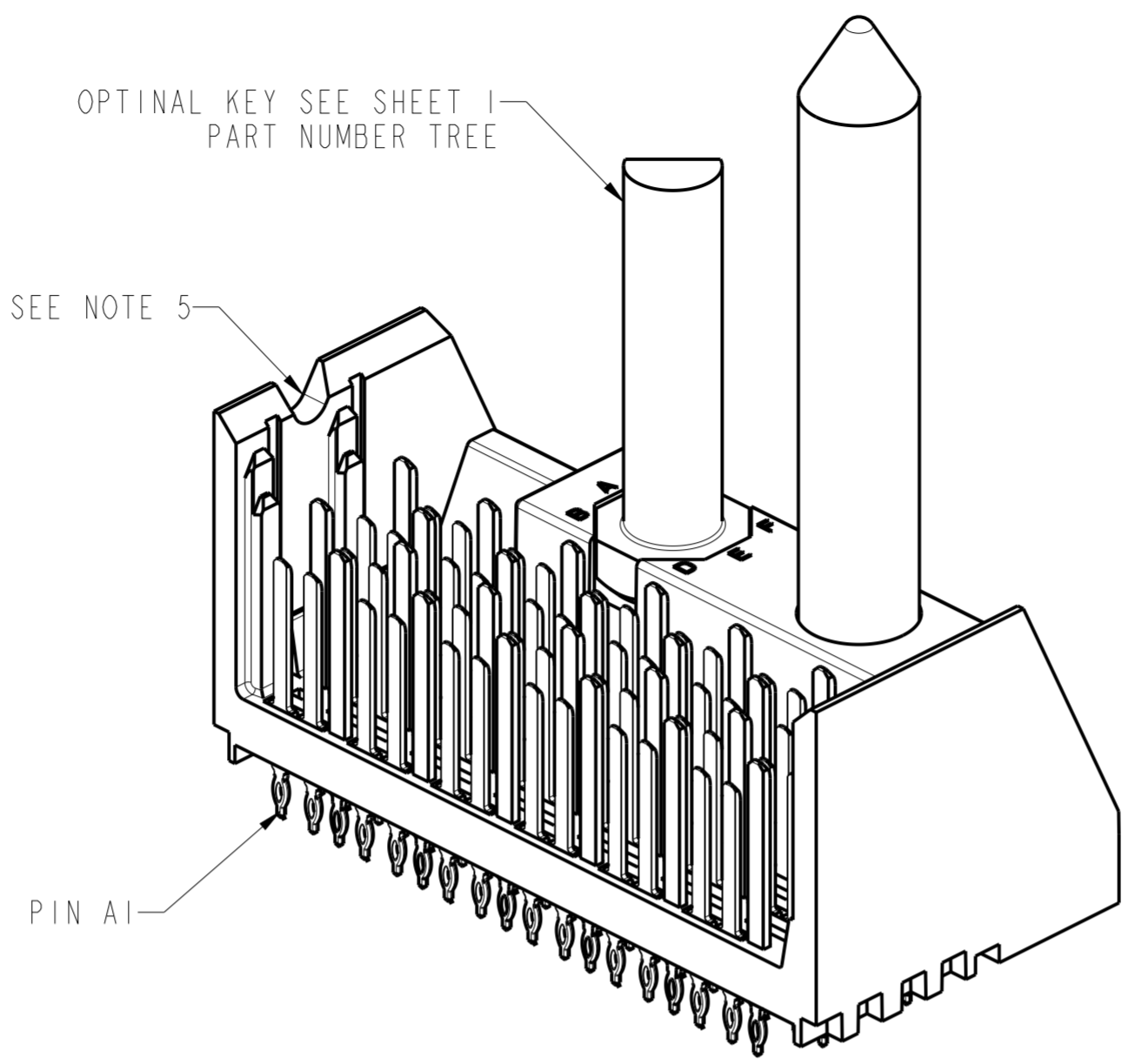
BP HOLE PATTERN COMPONENT SIDE
LEFT POLARIZING GUIDE MODULE
BACKPLANE FOOTPRINT



spec ref	-	dr	Sander Soe	2014/05/16	projection	MM	size	A2	scale	5:1
tolerance std	ASME Y14.5	eng	Michael Song	2016/07/27	chr	Heaven Cen	2016/07/27	ecn no	-	
surface	linear	appr	Pai-Ming Zheng	2016/07/27	product family	XCEDE HD	rel level	Released	cat. no.	10130105
	angular								Product - Customer Drw	sheet 6 of 8
	0.X	±0.3								
	0.XX	±0.10								
	0.XXX	±0.05								
	0°	±2°								



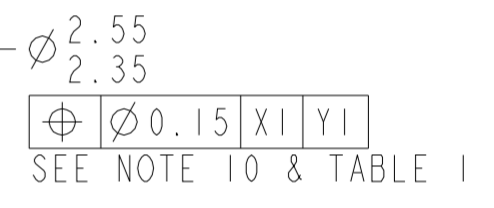
RIGHT POLARIZING GUIDE MODULE



SEE DETAIL A ON SHEET 8 FOR PINOUT DETAILS

BP HOLE PATTERN COMPONENT SIDE

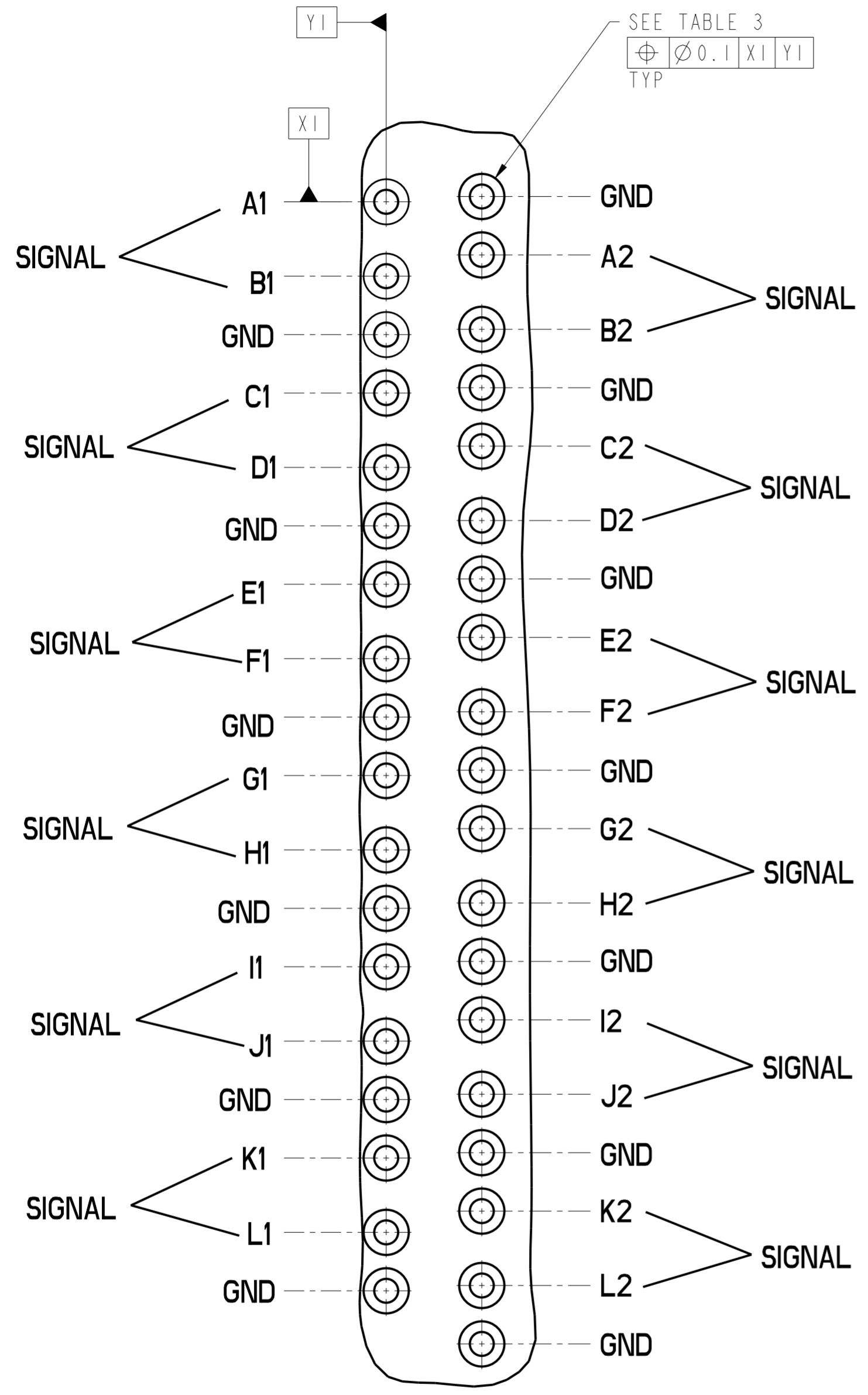
RIGHT POLARIZING GUIDE MODULE BACKPLANE FOOTPRINT



spec ref	-	dr	Sander Soe	2014/05/16	projection	MM	size	A2	scale	5:1
tolerance std	ASME Y14.5	eng	Michael Song	2016/07/27	chr	Heaven Cen	2016/07/27	ecn no	-	
TOLERANCES UNLESS OTHERWISE SPECIFIED		appr	Pei-Ming Zheng	2016/07/27	product family	XCEDE HD	rel level	Released		
surface	linear	0.X	±0.3	Amphenol FCI		MODULE ASSEMBLY, XCEDE HD		dwg no	10130105	rev
		0.XX	±0.10	VERTICAL HEADER, 6 PAIR 4 COLUMN						A
	angular	0.0XX	±0.05	cat. no.		Product - Customer Drw		sheet 7 of 8		
		0.0XXX	±2°							

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



DETAIL A
SCALE 12:1
PINOUT DETAILS

NOTES:

- CONNECTOR MATERIALS
SHROUD : HIGH-TEMP POLYMER, COLOR : BLACK, UL94V-0
CONTACTS : HIGH PERFORMANCE COPPER ALLOY
- CONTACT PLATING:

SEPARABLE INTERFACE: PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-0936, 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 (10130105-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.
- 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.

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tolerance std	ASME Y14.5	eng	Michael Song	2016/07/27			ecn no	-	rel level	Released
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Heaven Cen	2016/07/27						
surface	linear	appr	Pai-Ming Zheng	2016/07/27	product family	-	rel level	Released		
	angular			MODULE ASSEMBLY, XCEDE HD VERTICAL HEADER, 6 PAIR 4 COLUMN	cat. no.	-	Product - Customer Drw	sheet 8 of 8	rev	A

PDS: Rev :A

STATUS: Released

Printed: Jul 28, 2016



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

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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Факс: 8 (812) 320-02-42

Электронная почта: org@eplast1.ru

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