

10119191 - X0E - XXXLF

8-COLUMN
DIFFERENTIAL
SIGNAL

LEAD-FREE DESIGNATION
ONLY WITH APPLICABLE
PLATING CODES

LETTER	PERFORMANCE-BASED PLATING (SEE NOTE 2)	
	TARGET APPLICATION	LEAD-FREE (LF)
B	TELCORDIA CO	NO
C	TELCORDIA UE	NO
D	TELCORDIA CO	YES
E	TELCORDIA UE	YES

NUMBER	GUIDE PIN STYLE, HEIGHT	
0	STANDARD GUIDE PIN MACHINED, 31.6mm	
4	STANDARD GUIDE PIN MACHINED, 25.7mm	

MODULE DESCRIPTION	LETTER DESIGNATION REPRESENTED IN DASH NUMBER										BASE MODULE
LEFT POLARIZING GUIDANCE MODULE (SEE SHEET 3)	J	A	B	C	D	E	F	G	H		
RIGHT POLARIZING GUIDANCE MODULE (SEE SHEET 4)	Y	P	Q	R	S	T	U	V	W		
OPEN MODULE (TWO WALL) (SEE SHEET 2)	0 (ZERO)										
LEFT WALL MODULE (SEE SHEET 5)	L										
RIGHT WALL MODULE (SEE SHEET 6)	M										
FOUR WALL MODULE (SEE SHEET 7)	I (ONE)										

NUMBER	CONTACT MATING WIPE LENGTH		COMPLIANT PIN DRILL SIZE
	SIGNAL	GROUND	
1	2	4	Ø0.55 [0.0217"]
2	3	4	Ø0.55 [0.0217"]
3	2	4	Ø0.45 [0.0177"]
4	3	4	Ø0.45 [0.0177"]
5	2	3	Ø0.55 [0.0217"]
6	3	3	Ø0.55 [0.0217"]
7	2	3	Ø0.45 [0.0177"]
8	3	3	Ø0.45 [0.0177"]

TABLE 1: OPTIONAL PCB HOLE SIZE (SEE NOTE 11)

	GROUNDED	UNGROUNDED
FINISHED	Ø2.35-2.55	Ø2.35-2.55
PAD	Ø5.50	N/A
PLATED	YES	NO
DRILL (mm/in)	2.58/.1015	2.44/.096

TABLE 2: OPTIONAL SCREW TYPE (SEE NOTE 10)

SCREW P/N	DESCRIPTION	BOARD THICKNESS
10091790-002LF	#2.56 X .375" PHILIPS PANHEAD W/SQ CONICAL WASHER	1.60 - 5.00
10091790-003LF	#2.56 X .500" PHILIPS PANHEAD W/SQ CONICAL WASHER	5.00 - 10.00

spec ref		-		dr		Roger Ng		2011/11/22		projection		MM		size		A2		scale		4:1	
tolerance std		-		eng		Michael Song		2016/06/01						ecn no		ELX-DG-24191-1					
ASME Y14.5		TOLERANCES UNLESS OTHERWISE SPECIFIED		chr		Heaven Cen		2016/06/08						rel level		Released					
				appr		Pei-Ming Zheng		2016/06/15						product family		XCEDE					
surface		linear		0.X		±0.2		Amphenol FCI		title		MODULE ASSEMBLY		dwg no		10119191		rev		C	
				0.XX		±0.10															
				0.XXX		±0.050															
ASME Y14.5		angular		0°		±2°				cat. no.		-		Product - Customer Drw		sheet 1 of 8					

OPEN (2- WALL) MODULE

A

B

C

D

E

F

A

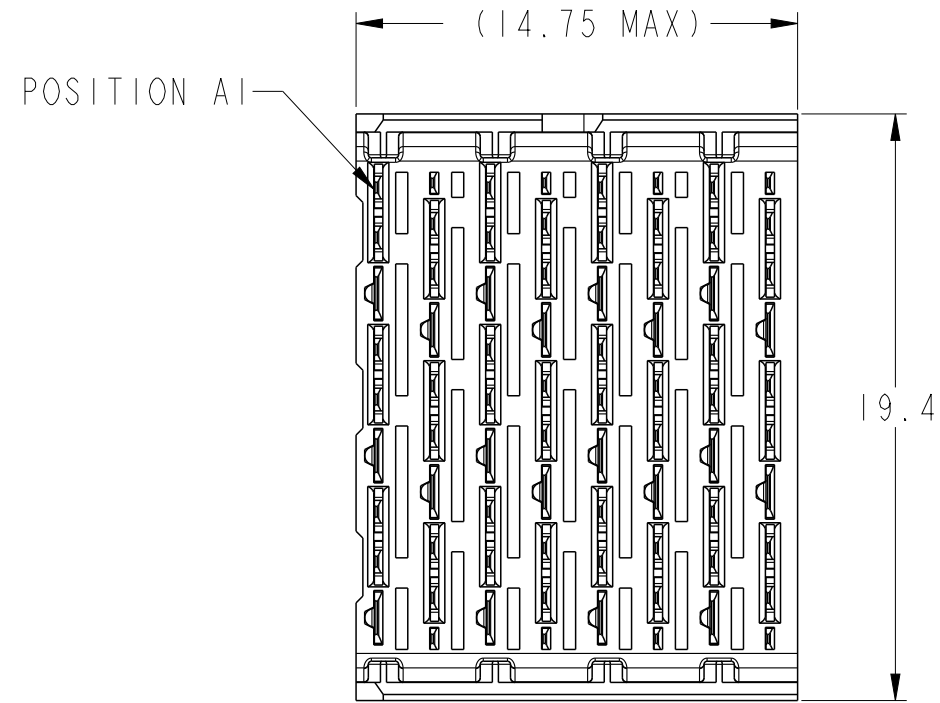
B

C

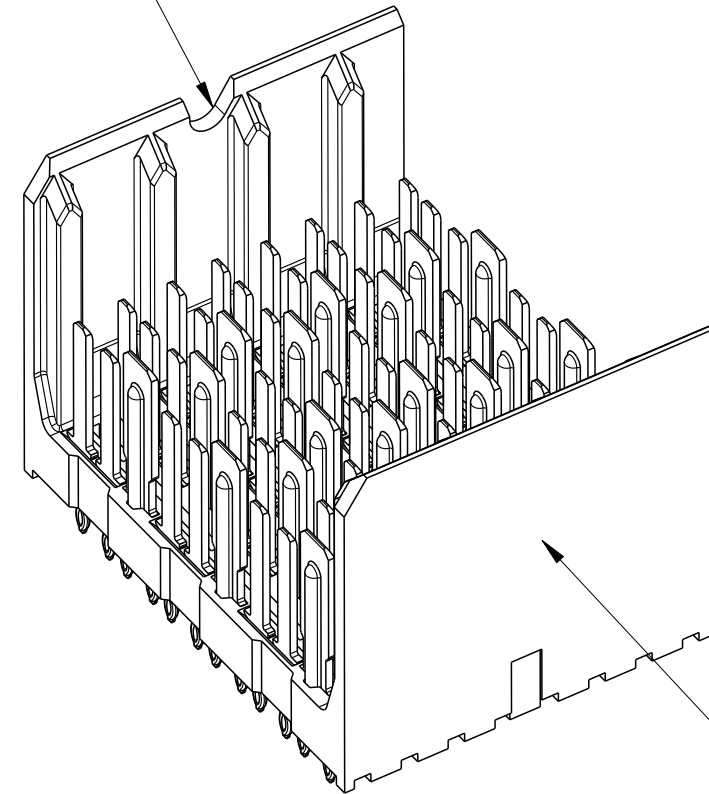
D

E

F

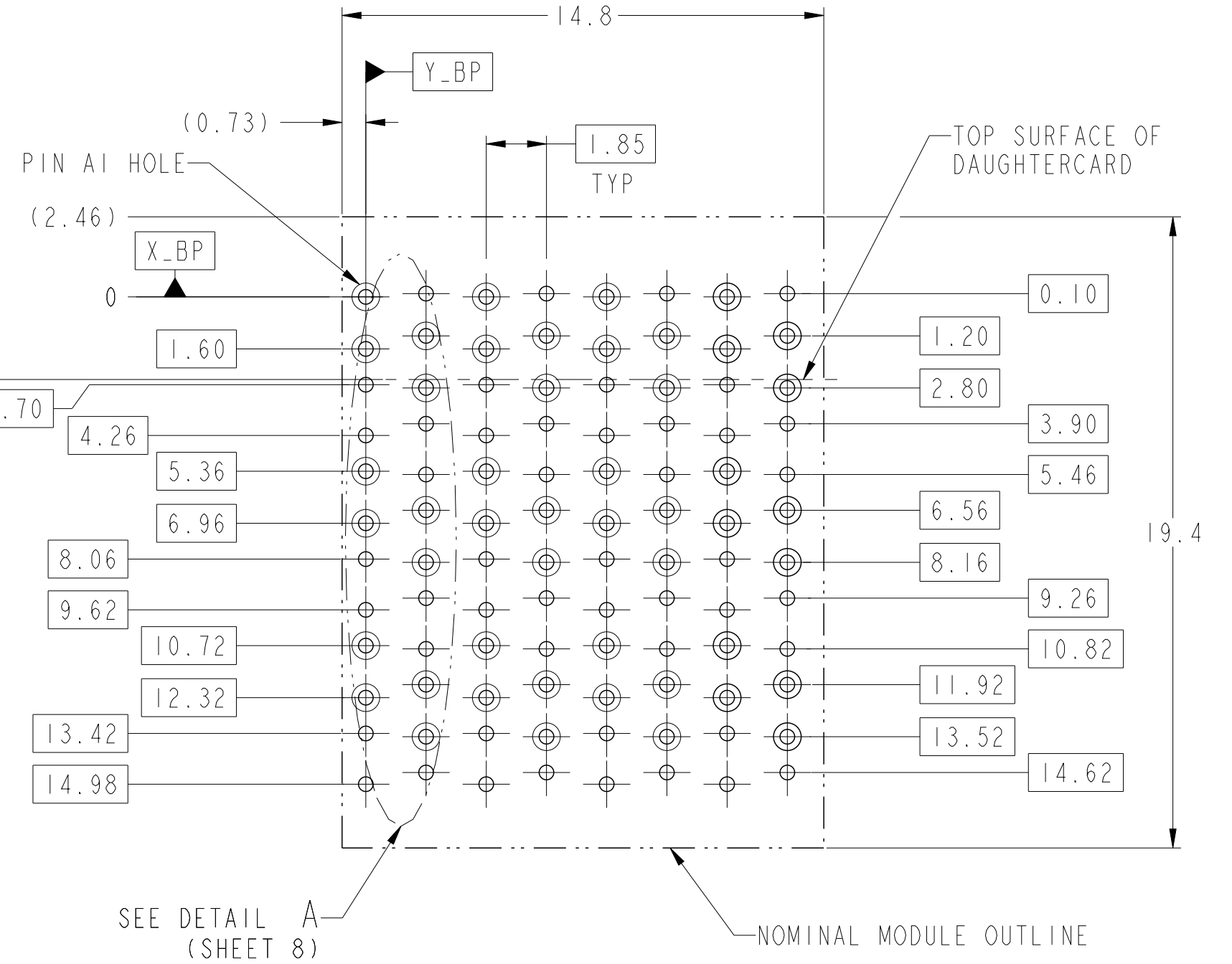


SEE NOTE 8



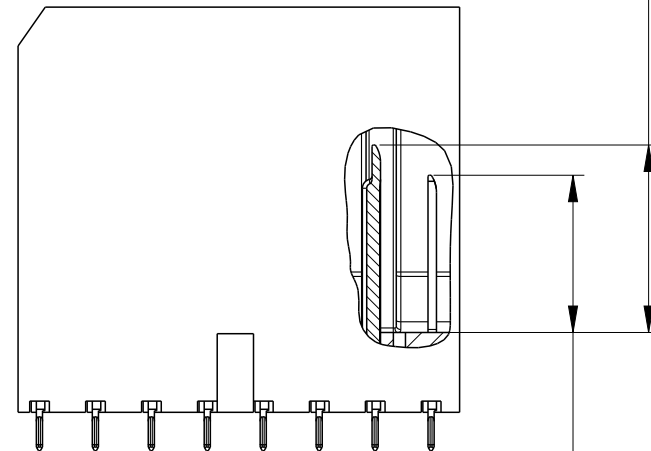
2.54
TO TOP SURFACE
OF DAUGHTERCARD

SEE NOTE 5



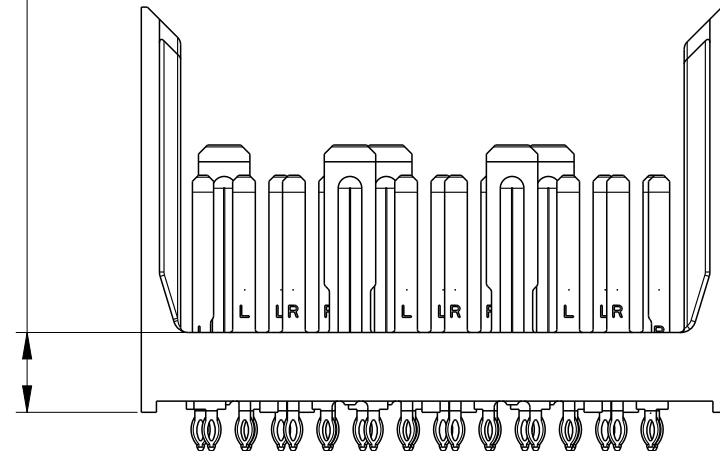
PCB HOLE PATTERN
COMPONENT SIDE
SCALE 6:1

6.2 (4MM WIPE WIDE GROUNDS)
5.2 (3MM WIPE WIDE GROUNDS)



5.2 (3MM SMALL END GROUNDS)
5.2 (3MM WIPE SIGNALS)
4.2 (2MM WIPE SIGNALS)
SEE P/N TREE

2.64±0.10 FROM STANDOFF
SURFACE TO MATING SURFACE



13.40

TAIL LENGTH
SEE NOTE 12

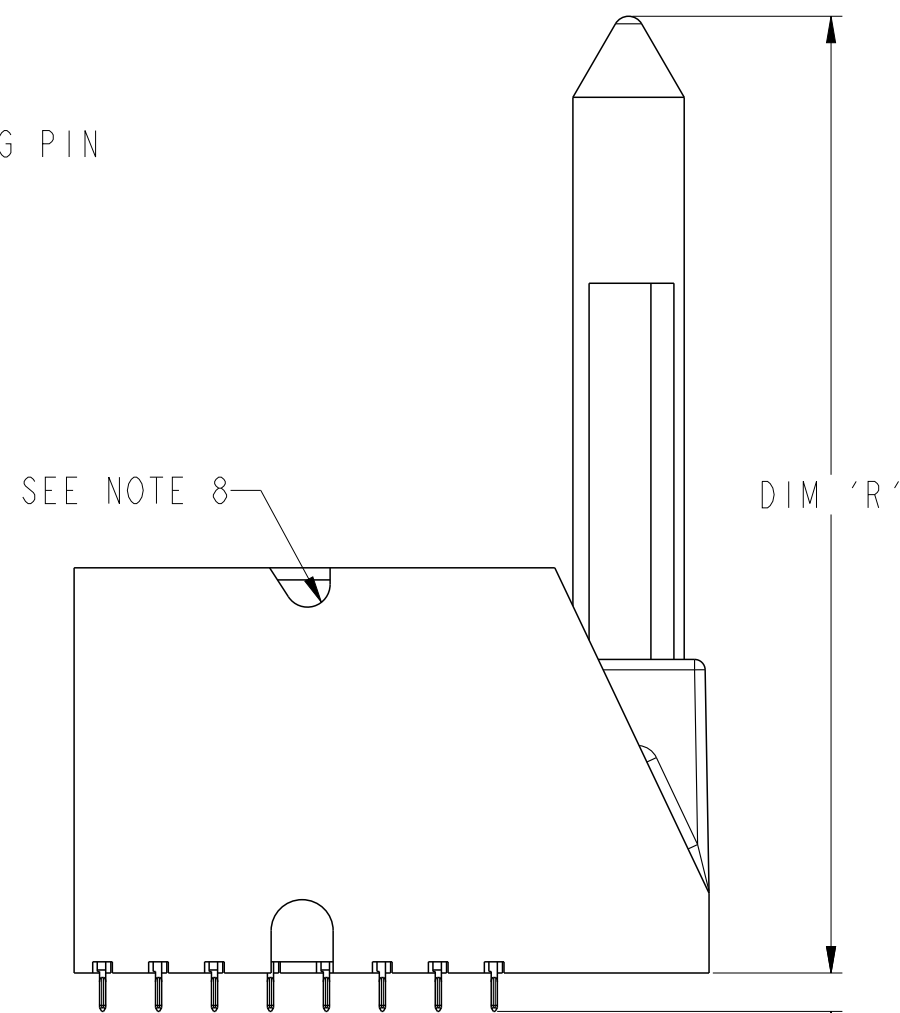
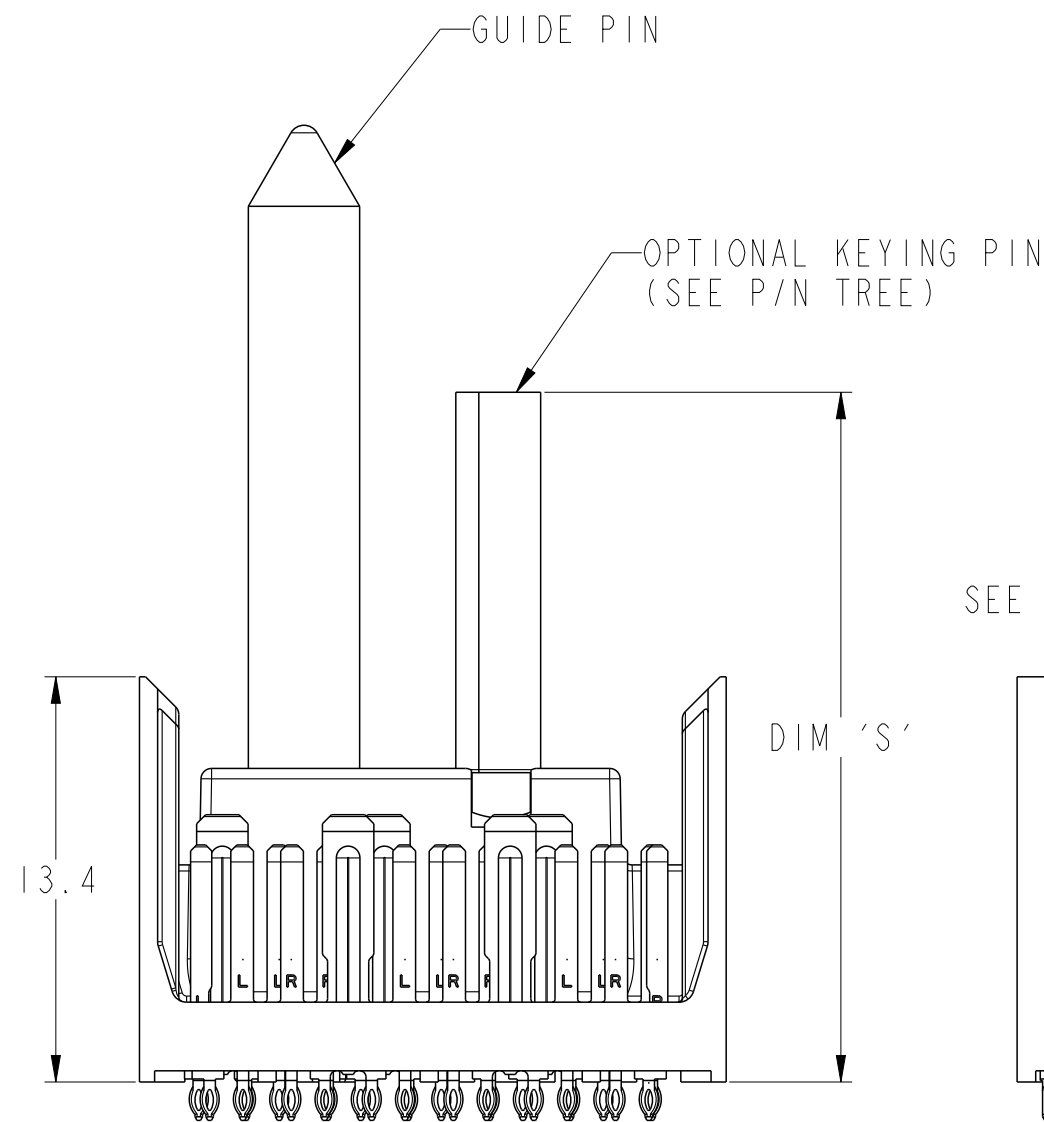
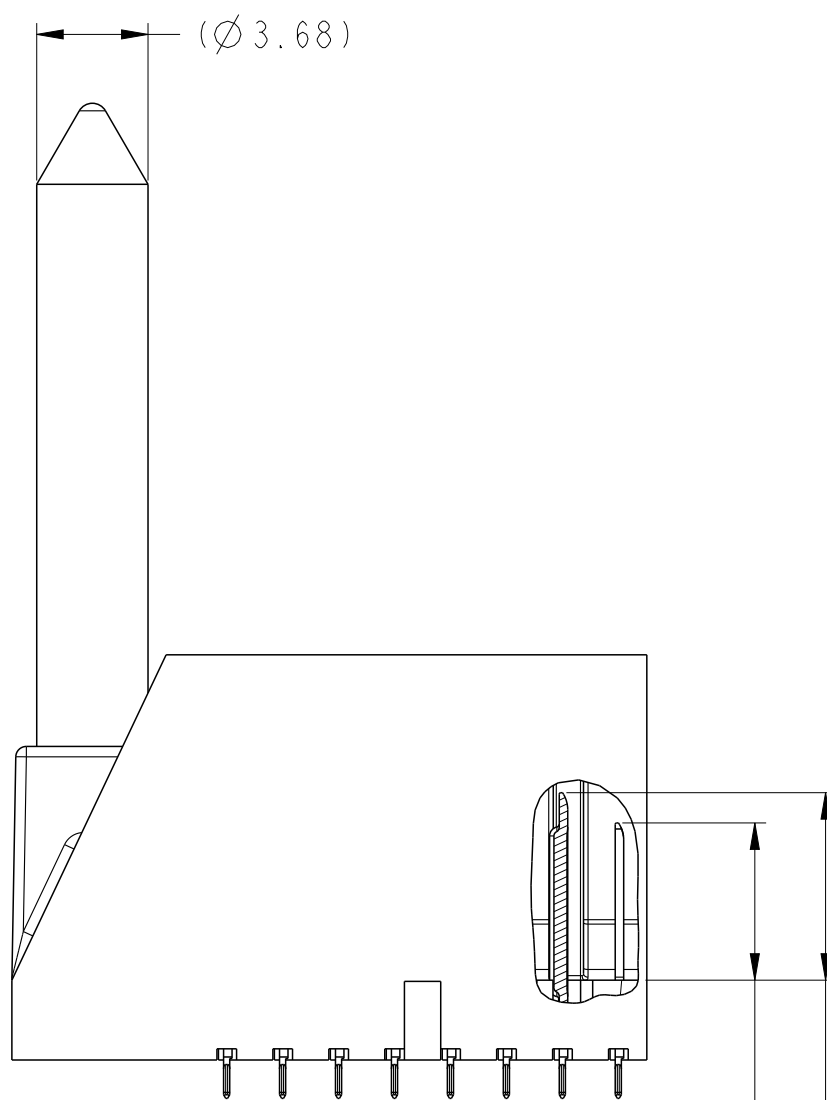
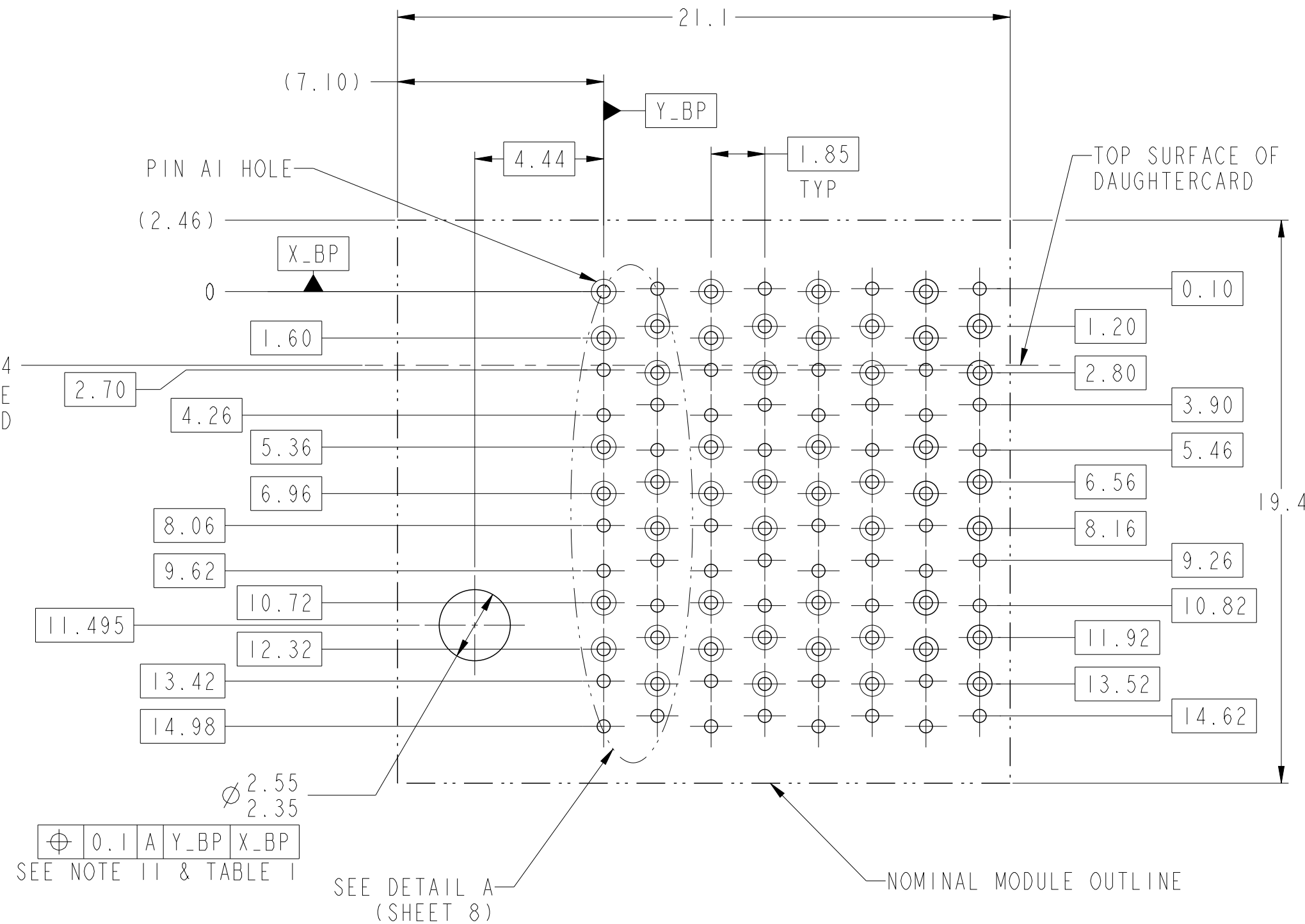
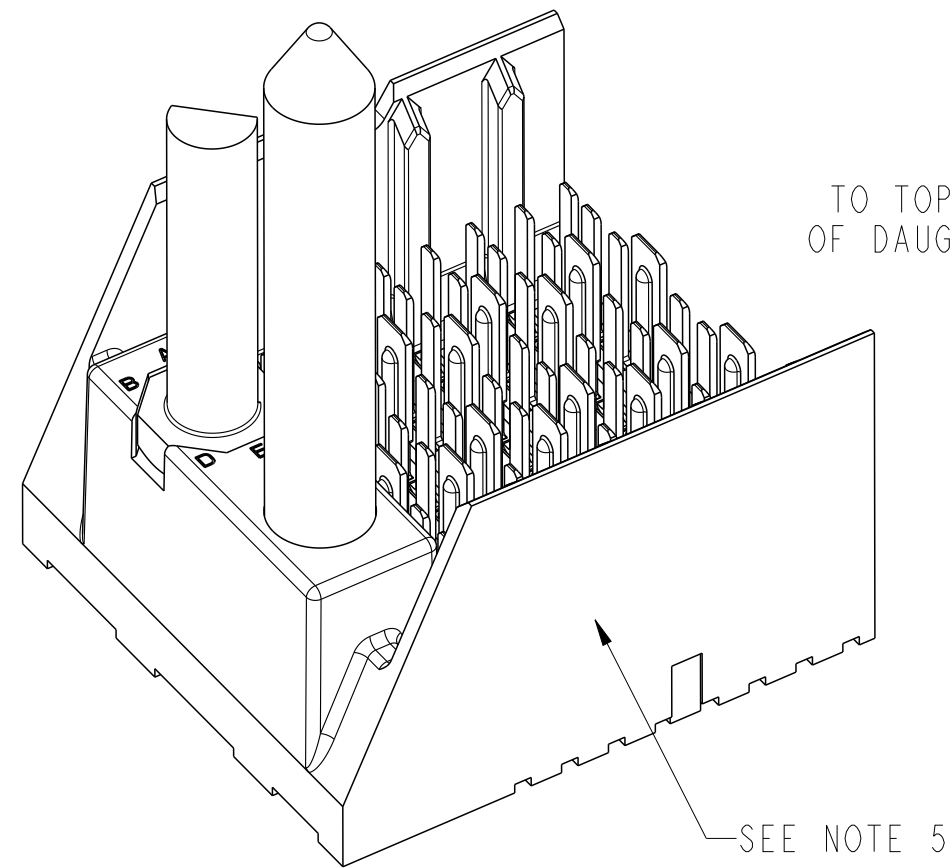
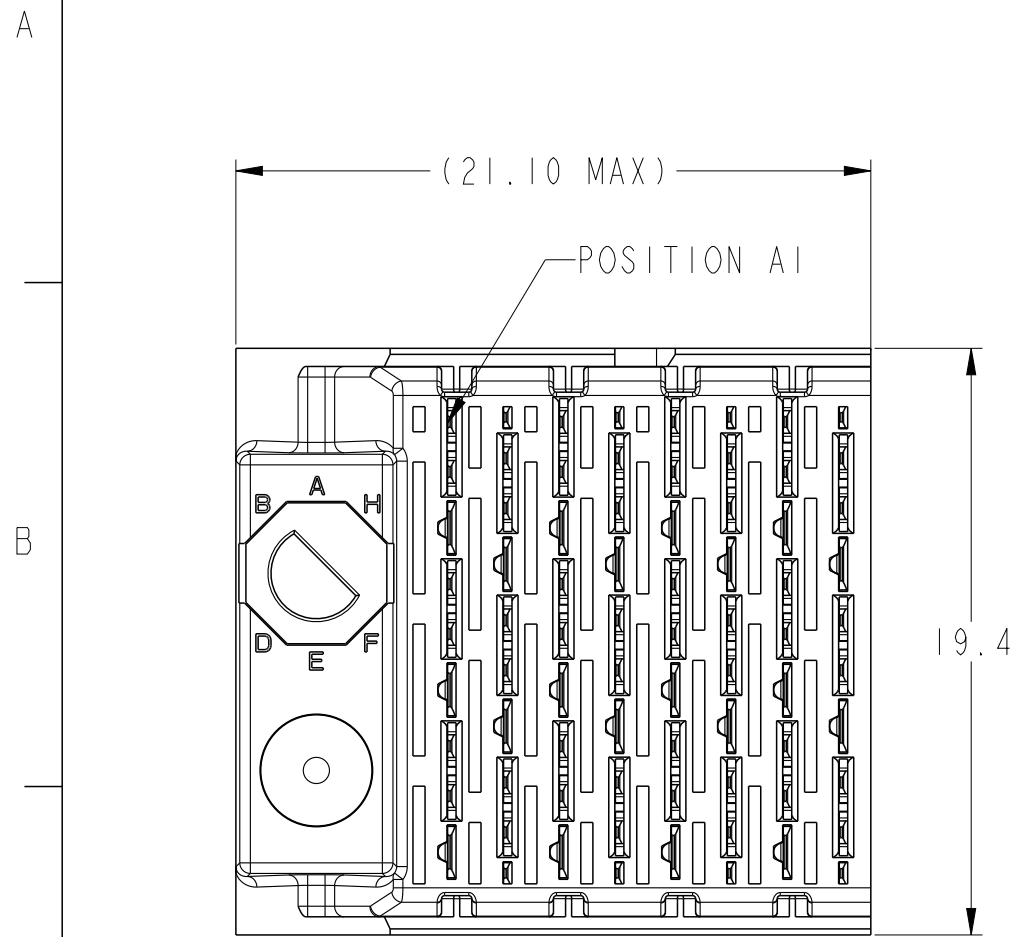
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tolerance std		-		eng		Michael Song		2016/06/01						ecn no		ELX-DG-24191-1					
ASME Y14.5		TOLERANCES UNLESS OTHERWISE SPECIFIED		chr		Heaven Cen		2016/06/08						rel level		Released					
				appr		Pei-Ming Zheng		2016/06/15						product family		XCEDE					
surface		linear		0.X		±0.2		Amphenol FCi		title		MODULE ASSEMBLY VERTICAL HEADER, 8-COLUMN, 3-PAIR		dwg no		10119191		rev		C	
		0.XX		±0.10																	
		0.XXX		±0.050																	
ASME Y14.5		angular		0°		±2°				cat. no.		-		Product - Customer Drw		sheet 2 of 8					

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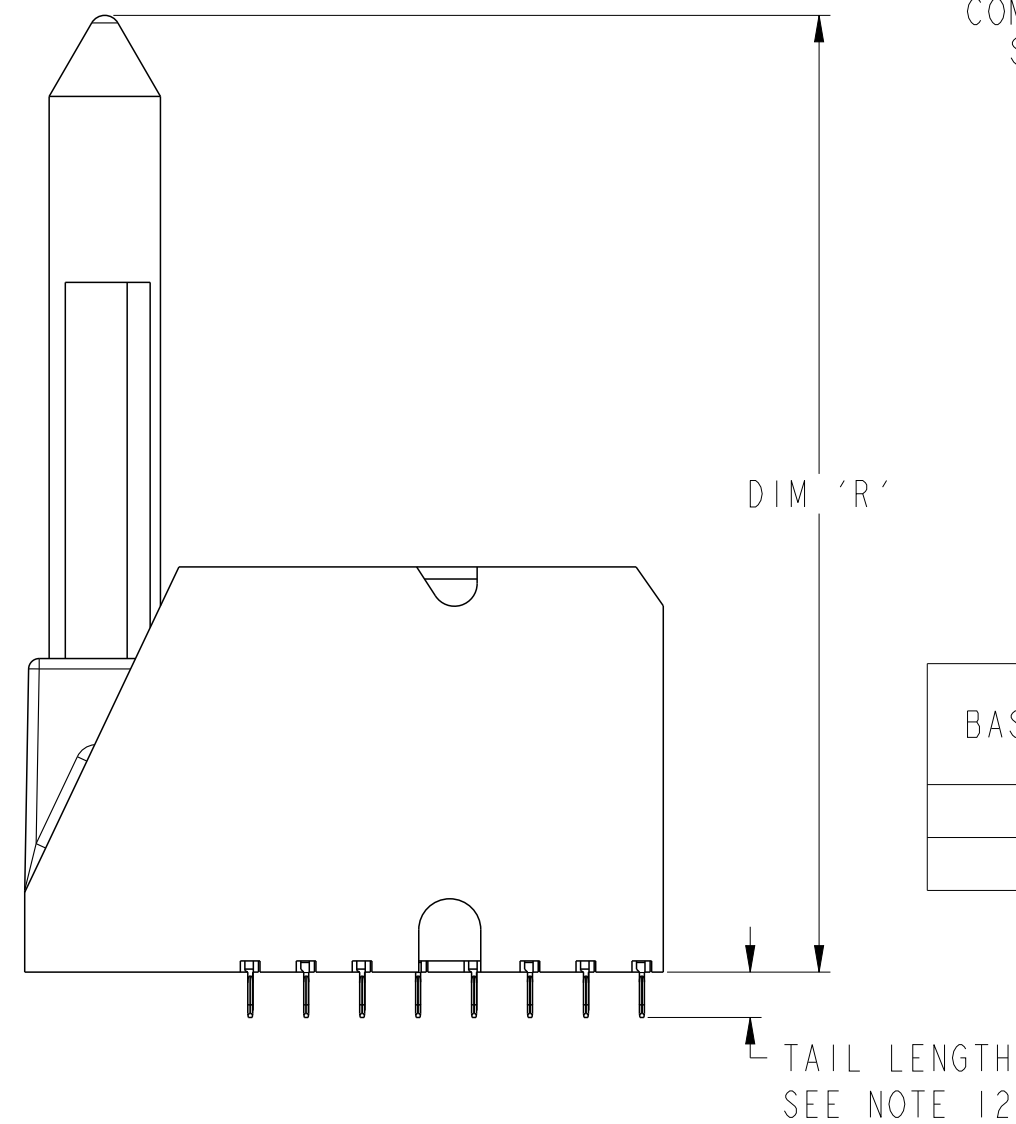
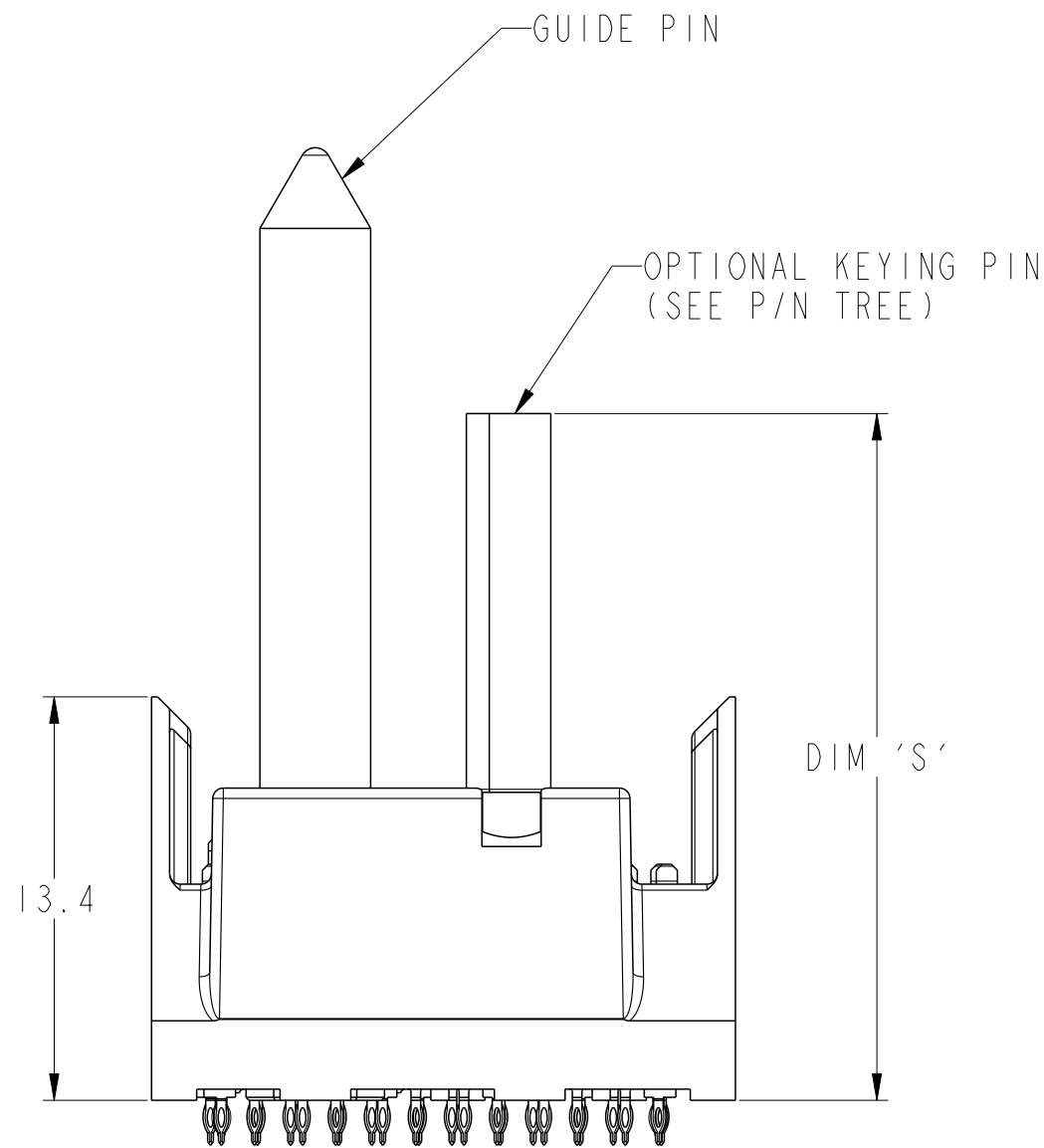
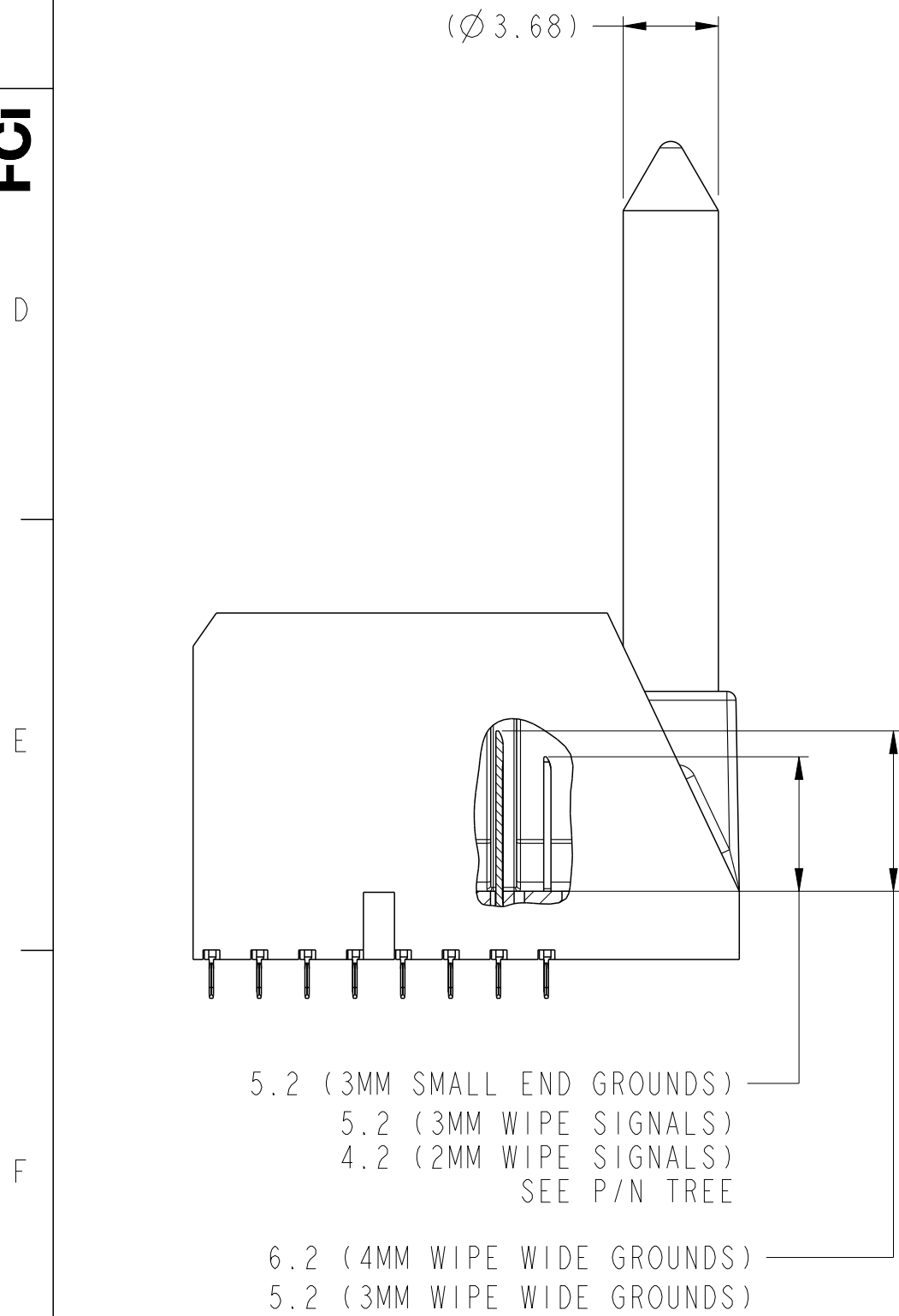
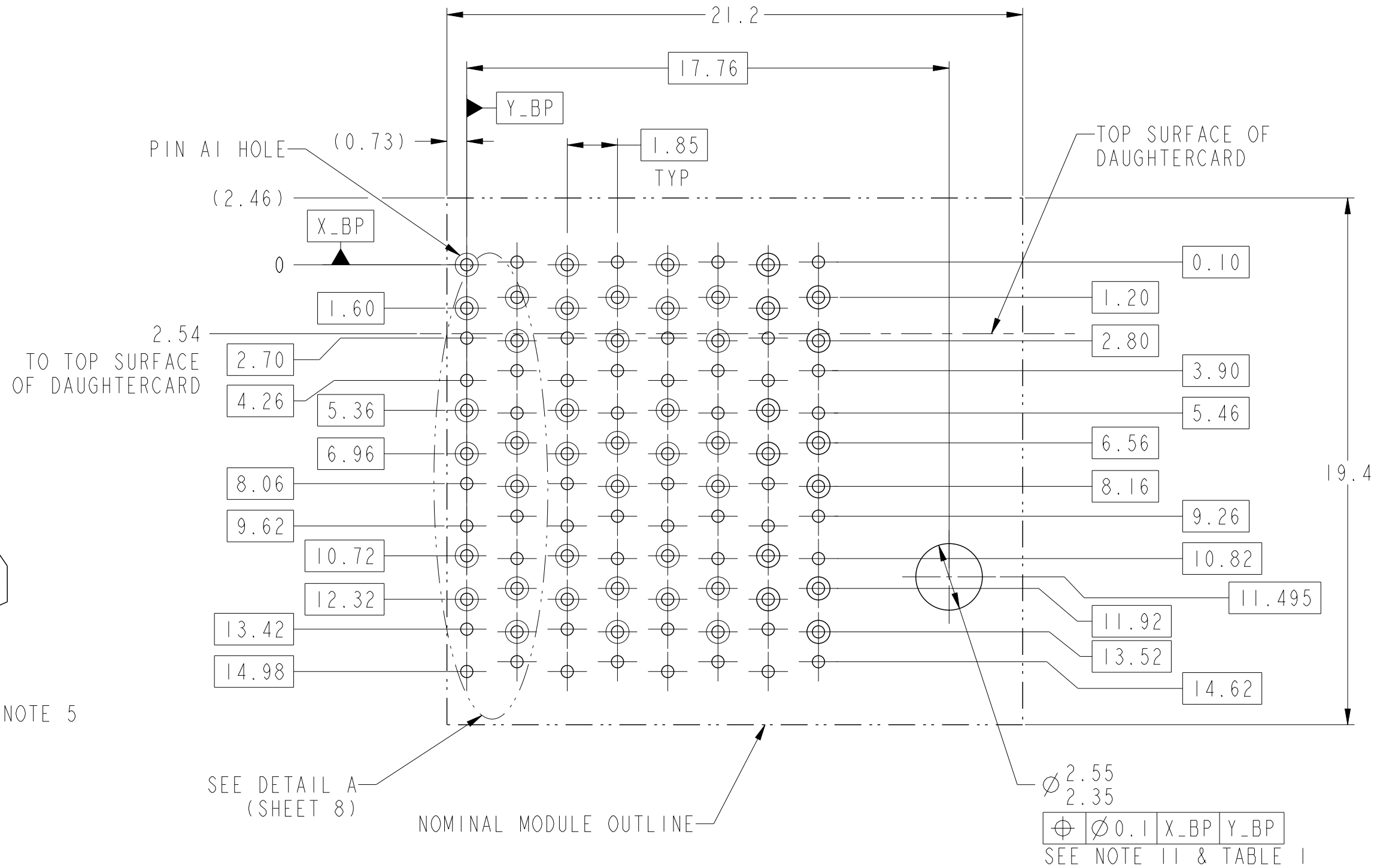
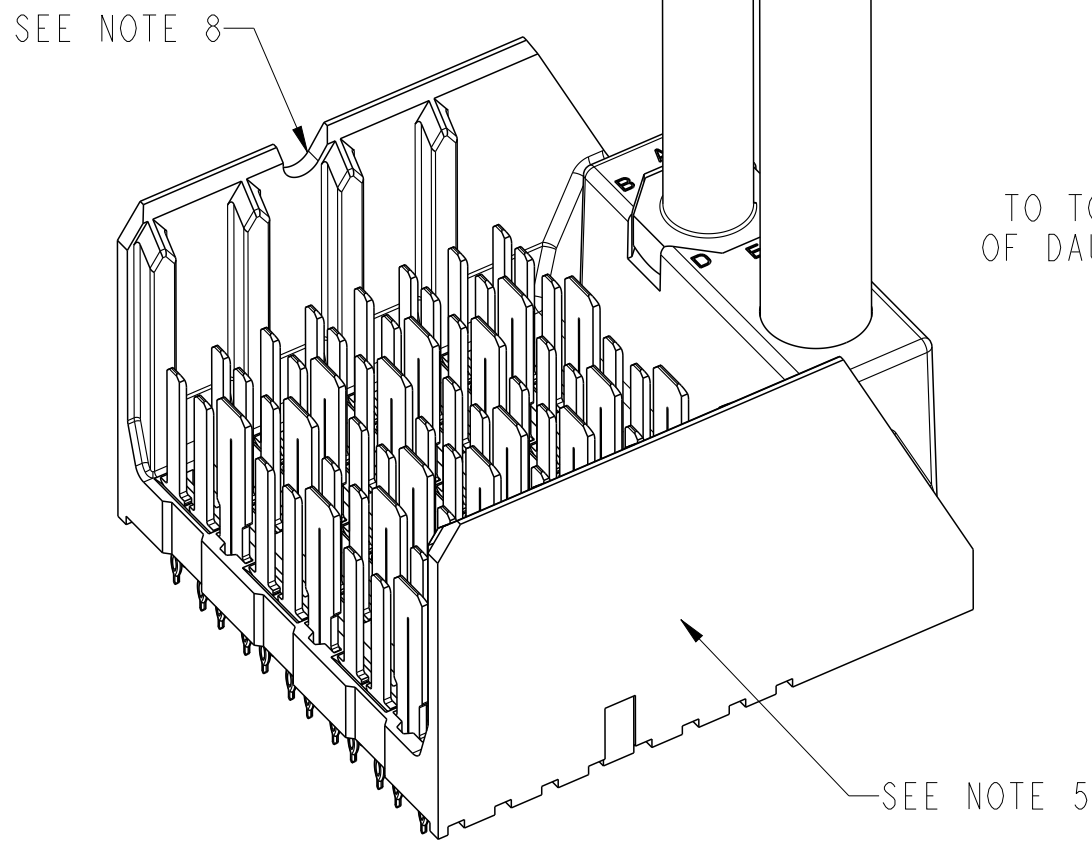
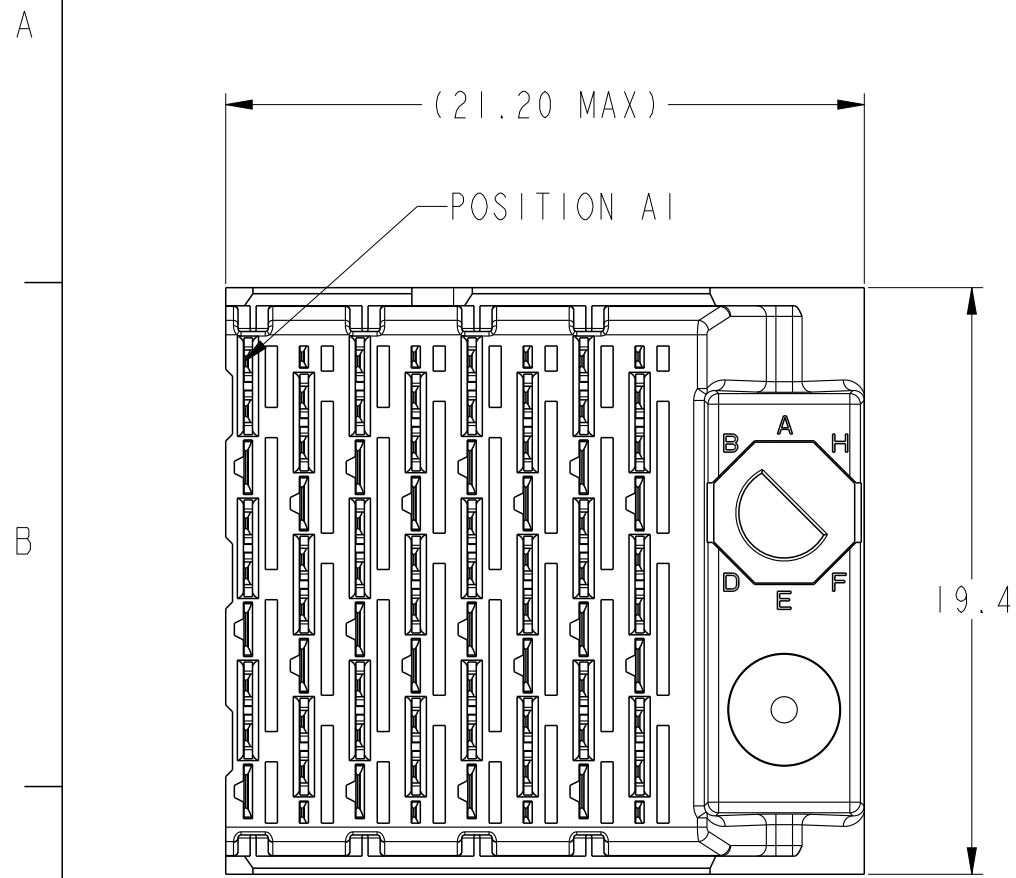
LEFT POLARIZING/GUIDE MODULE



ASSEMBLY BASE CONFIGURATION END DASH NO.	GUIDE PIN	POLARIZING KEY
	DIM 'R'	DIM 'S'
-X0X	31.6mm	22.8mm
-X4X	25.7mm	20.0mm

spec ref		-		dr		Roger Ng		2011/11/22		projection				MM		size		A2		scale		5:1	
tolerance std		-		eng		Michael Song		2016/06/01						←————→		ecn no		ELX-DG-24191-1					
ASME Y14.5		TOLERANCES UNLESS OTHERWISE SPECIFIED		chr		Heaven Cen		2016/06/08								rel level		Released					
				appr		Pei-Ming Zheng		2016/06/15		product family		XCEDE											
surface		✓		linear		0.X		±0.2		Amphenol FCI		title		MODULE ASSEMBLY		dwg no		10119191		rev		C	
				0.XX		±0.10		VERTICAL HEADER, 8-COLUMN, 3-PAIR															
ASME Y14.5		angular		0°		±2°																	
										cat. no.		-		Product - Customer Drw				sheet 3 of 8					

RIGHT POLARIZING/GUIDE MODULE



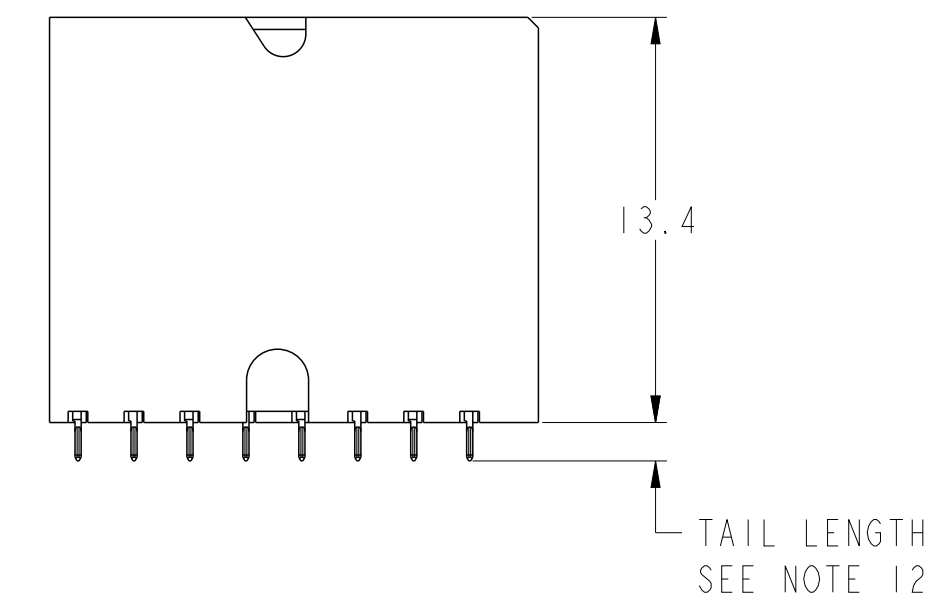
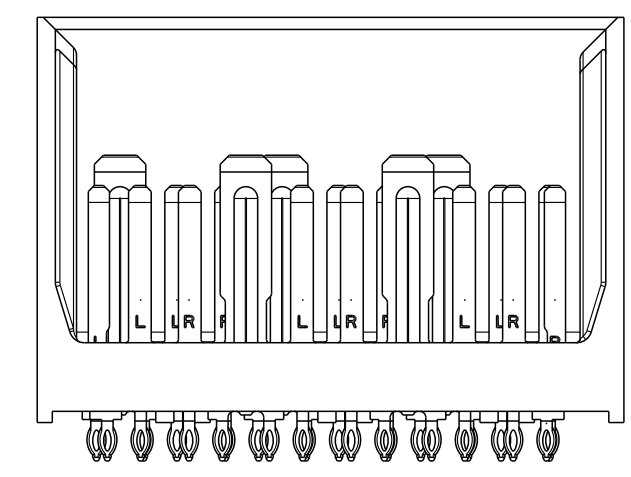
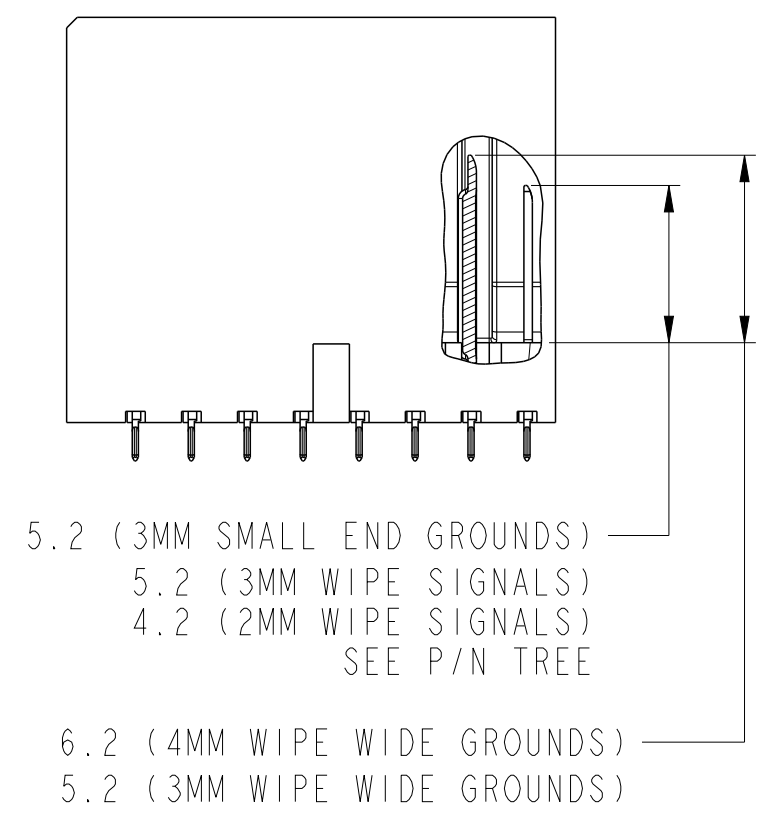
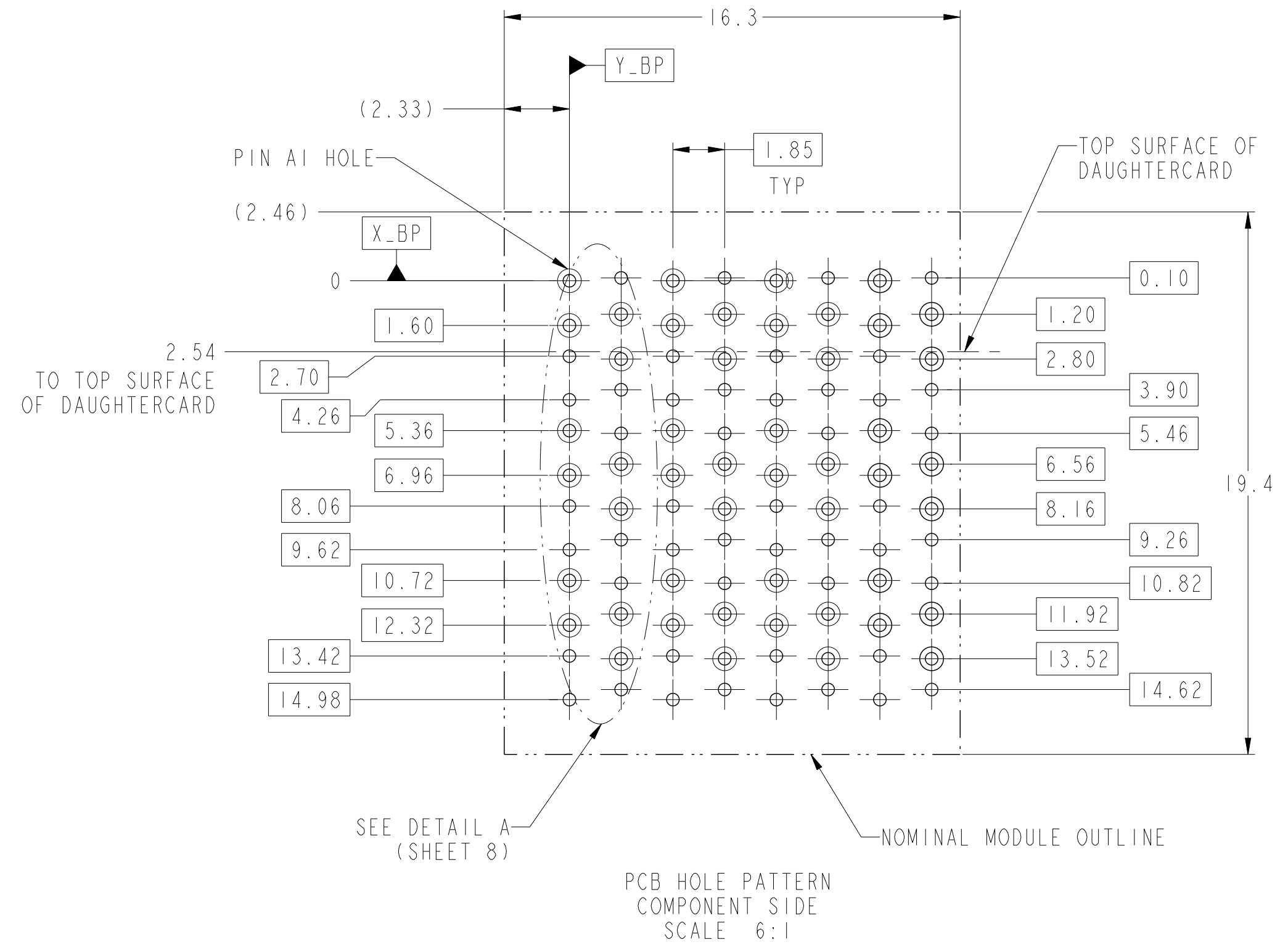
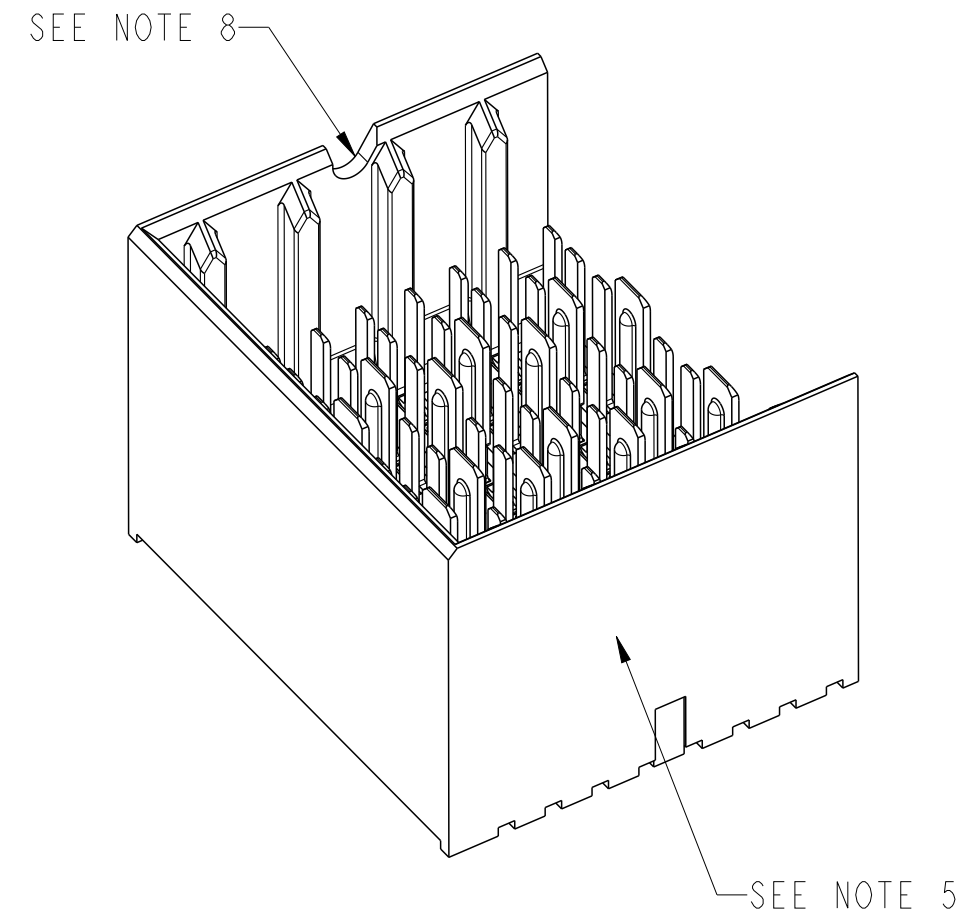
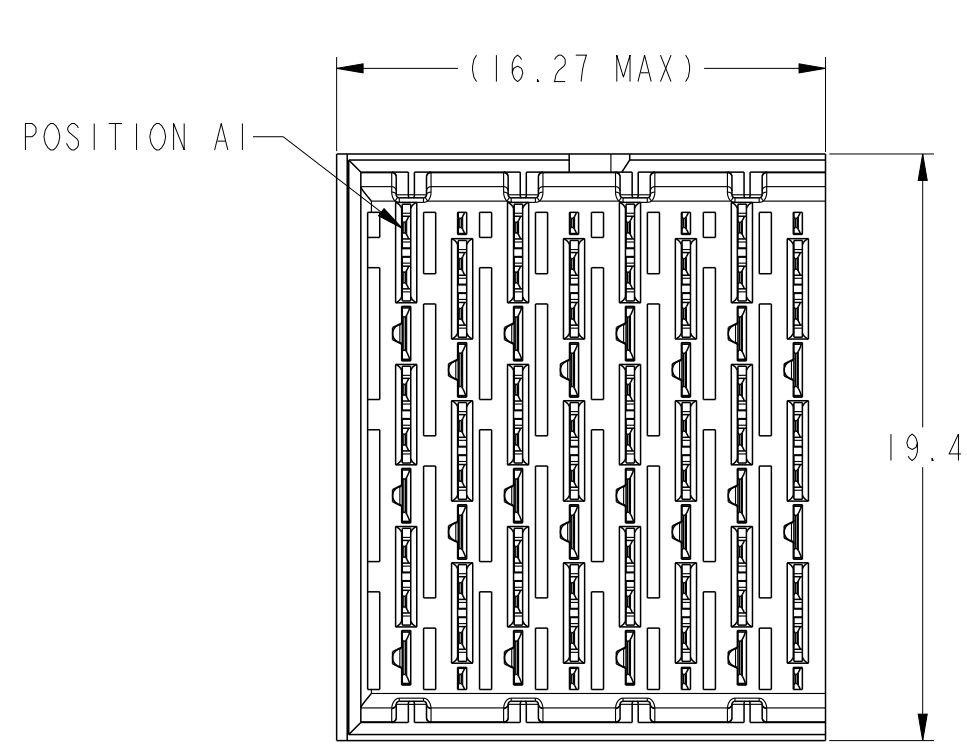
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tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Michael Song	2016/06/01			MM	ecn no	ELX-DG-24191-1					
- ASME Y14.5				chr	Heaven Cen	2016/06/08				product family	XCEDE	rel level	Released			
				appr	Pei-Ming Zheng	2016/06/15										
surface		linear	0.X ±0.2	Amphenol FCI	MODULE ASSEMBLY					dwg no	10119191			rev	C	
			0.XX ±0.10													
			0.XXX ±0.050													
ASME Y14.5		angular	0° ±2°	cat. no.		-		Product - Customer Drw				sheet 4 of 8				

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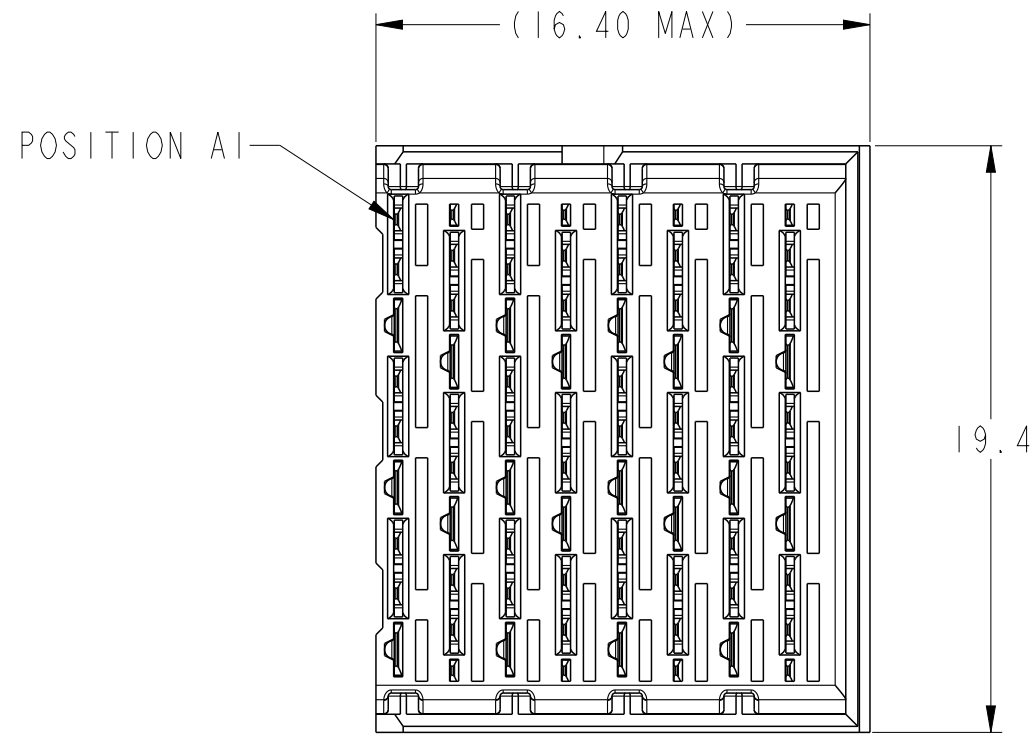
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LEFT WALL MODULE

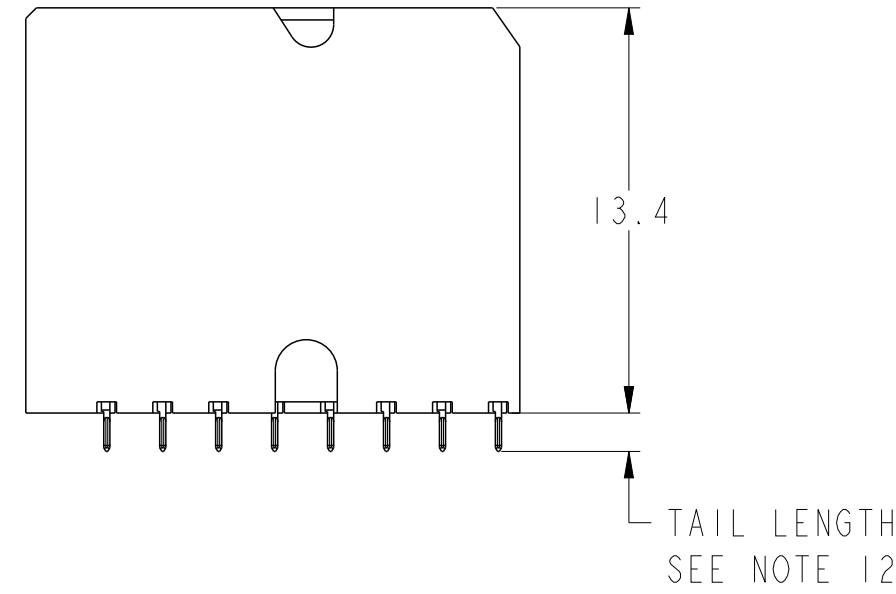
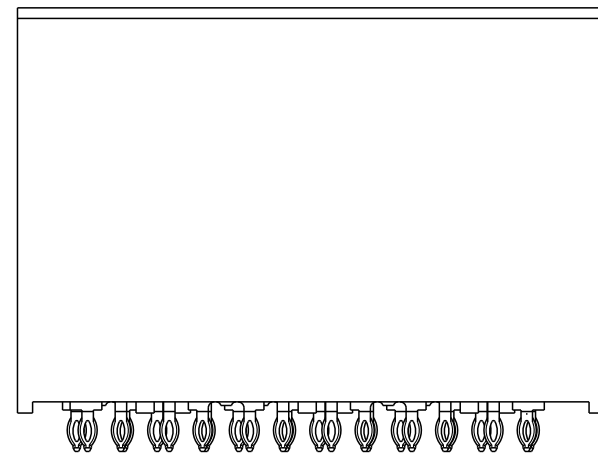
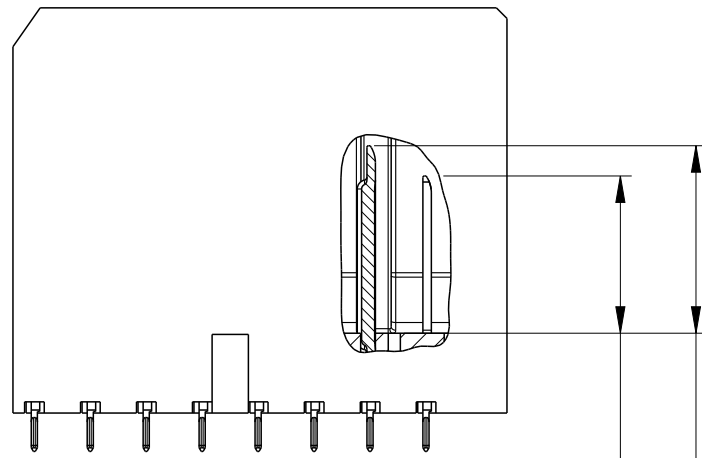
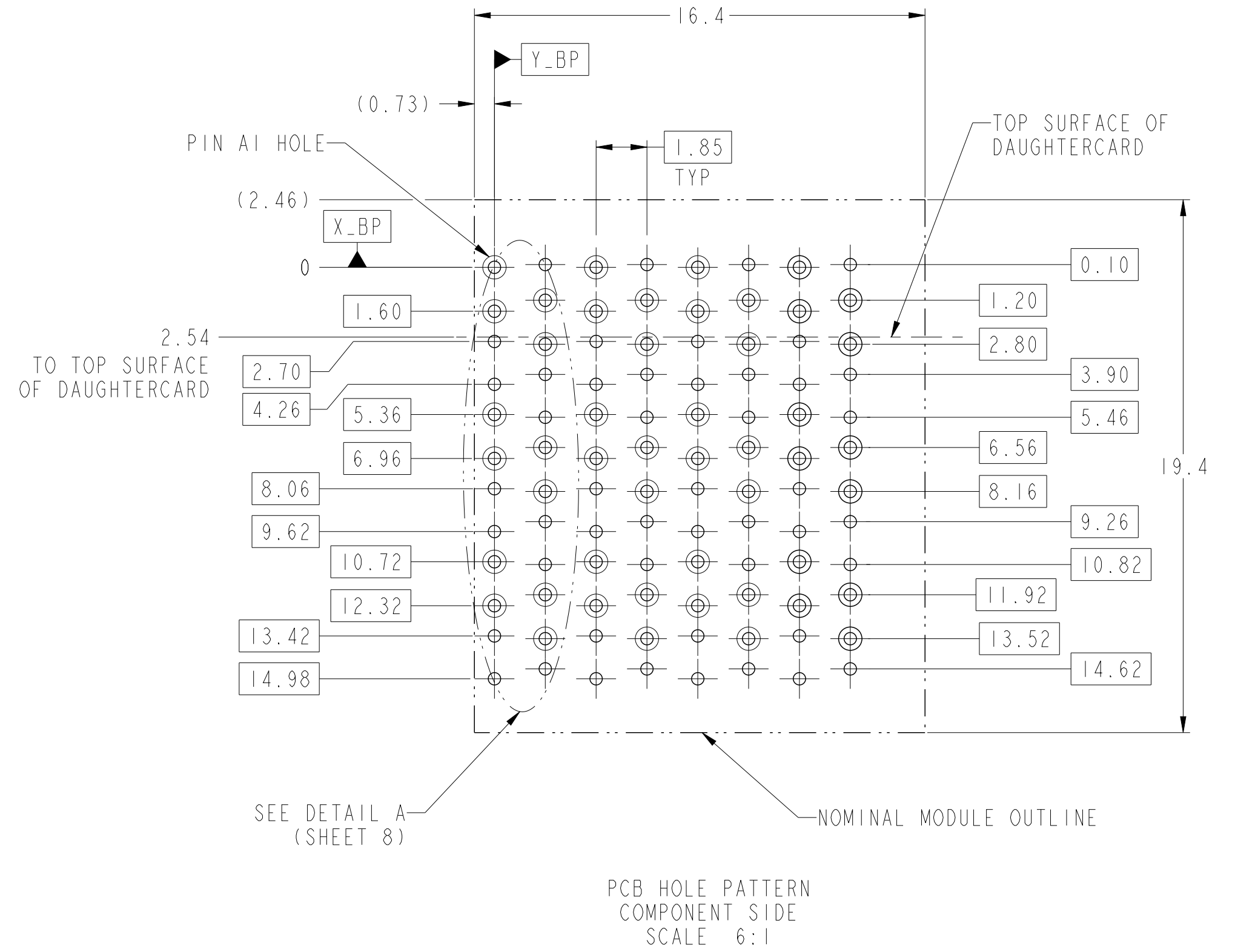
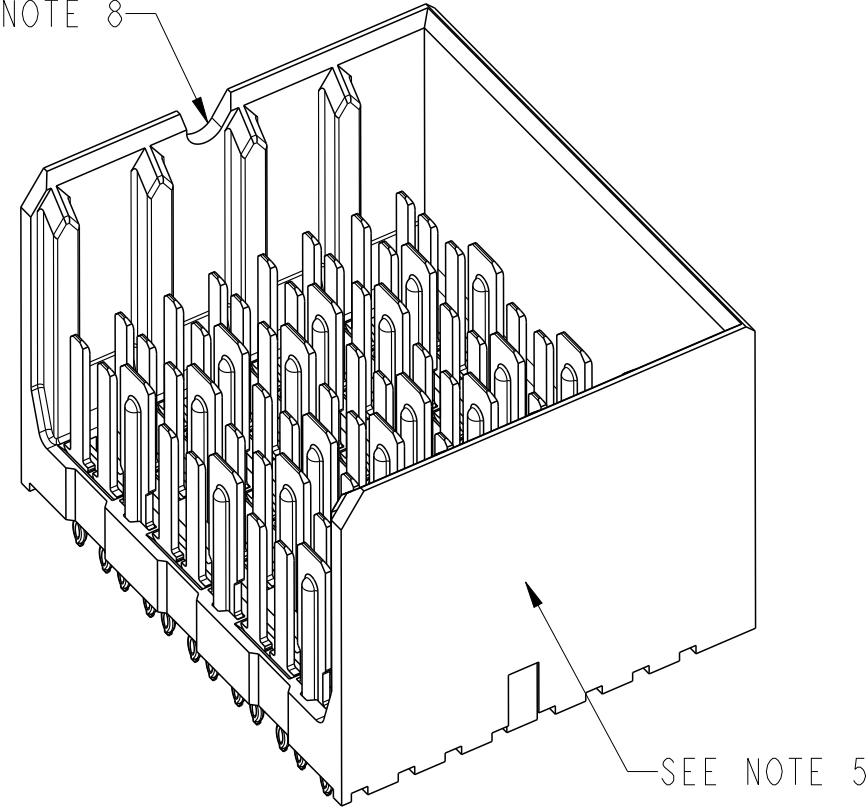


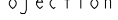
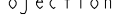
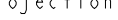
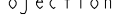
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tolerance std -		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng Michael Song		2016/06/01						ecn no ELX-DG-24191-1			
ASME Y14.5				chr Heaven Cen		2016/06/08						rel level Released			
				appr Pei-Ming Zheng		2016/06/15						product family XCDE			
surface		linear		Amphenol FCI		title MODULE ASSEMBLY		dwg no 10119191		rev C					
		0.X ±0.2													
		0.XX ±0.10													
		0.XXX ±0.050													
ASME Y14.5		angular													
		0° ±2°													

RIGHT WALL MODULE



SEE NOTE 8



spec ref		-	dr		Roger Ng	2011/11/22	projection				MM		size		A2	scale		4:1
tolerance std		-	eng		Michael Song	2016/06/01							ecn no		ELX-DG-24191-1			
ASME Y14.5		chr		Heaven Cen	2016/06/08	rel level							Released					
		appr		Pei-Ming Zheng	2016/06/15	product family							XCEDE					
surface		linear	0.X	±0.2			title		MODULE ASSEMBLY		dwg no		10119191		rev		C	
		0.XX	±0.10															
		0.XXX	±0.050															
ASME Y14.5		angular	0°	±2°			cat. no.		-	Product - Customer Drw		sheet 6 of 8						

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F



PCB HOLE PATTERN
COMPONENT SIDE
SCALE 6:1

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NOTES:

1. CONNECTOR MATERIALS
SHROUD: HIGH-TEMP THERMOPLASTIC, GRAY, UL94V-0
CONTACTS: HIGH PERFORMANCE COPPER ALLOY
2. 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) OR UNCONTROLLED ENVIRONMENT (UE) TEST SEQUENCE AS NOTED IN P/N TREE.

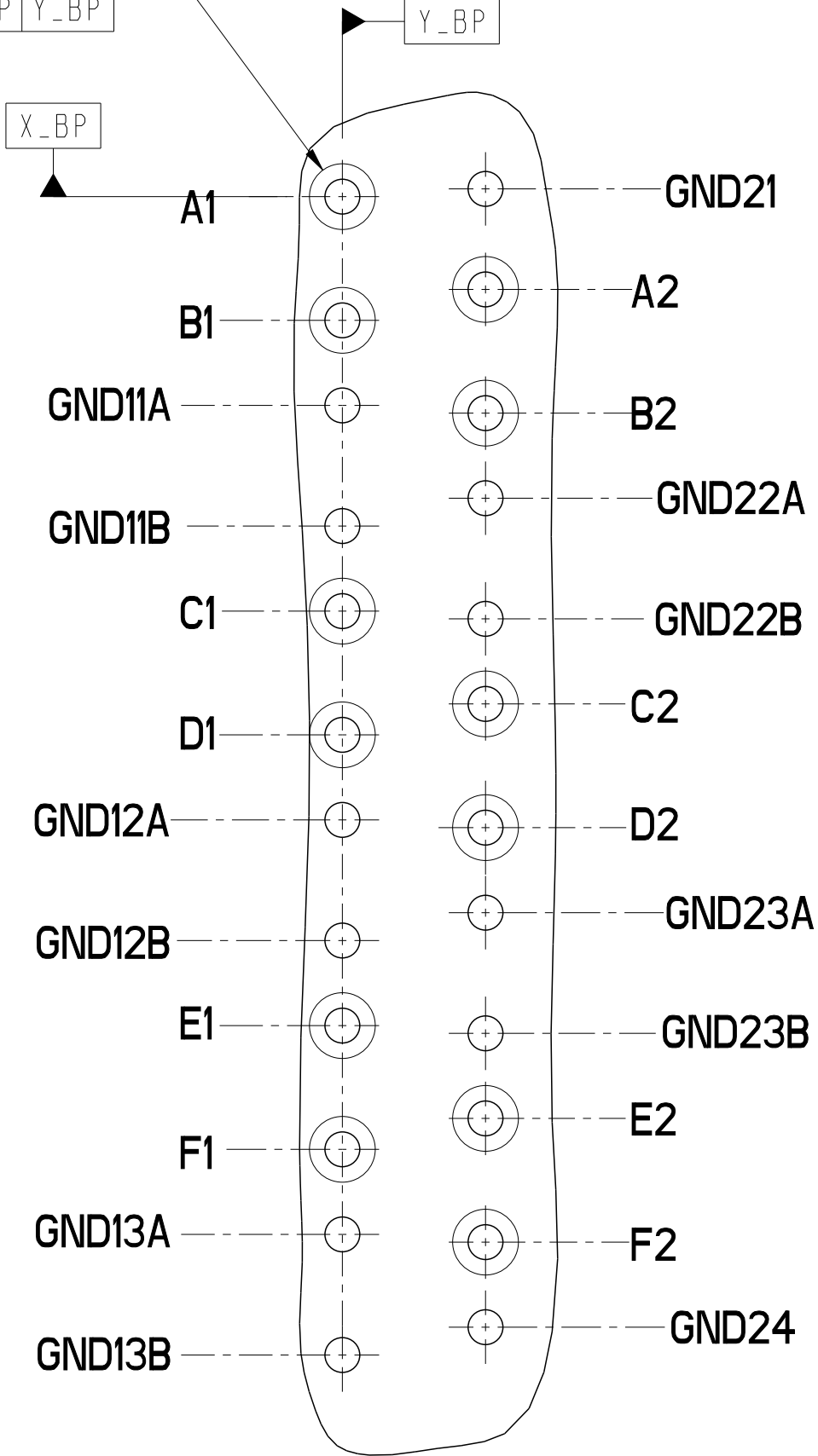
PRESS-FIT TAILS: TIN OVER NICKEL (LF), OR TIN-LEAD ALLOY OVER NICKEL (NON-LF). SEE P/N TREE.
3. PRODUCT SPECIFICATION: GS-12-588
4. APPLCATION SPECIFICATION: GS-20-121
5. PRODUCT MARKING (PART NUMBER AND LOT CODE) ON THESE SURFACES.
6. HOUSING MUST WITHSAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 40 SECONDS IN A CONVECTION, INFRA-RED, OR VAPOR-PHASE REFLOW OVEN.
7. PACKAGING MEETS GS-14-920 LEAD-FREE LABELING SPECIFICATION.
8. NOTCH INDICATES "ROW A" SIDE OF CONNECTOR.
9. SEE APPLICATION SPECIFICATION FOR ROUTING GUIDELINES, ADDITIONAL PTH GUIDELINES, MATED DIMENSIONS, GUIDE PN SELECTION, ETC.
10. SCREW IS OPTIONAL AND ENGAGES WITH BOTTOM OF GUIDE-PIN FROM BENEATH THE PCB FOR ADDITIONAL GUIDE-PIN SUPPORT.
11. OPTINAL HOLE LOCATION FOR GROUNDED PIN OR ADDITIONAL GUIDE-PIN SUPPORT. SEE TABLE 1 ON SHEET 1 FOR ADDITIONAL DETAILS.
12. TAIL LENGTH=1.3mm FOR Ø0.55[0.0217"]COMPLIANT PIN DRILL
TAIL LENGTH=1.5mm FOR Ø0.45[0.0177"]COMPLIANT PIN DRILL

TABLE 3: PTH AND PAD SIZES WITH REFERENCE TO COMPLIANT PIN DRILL

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

REFER TO TABLE 3
FOR PTH, DRILL & PAD SIZES

⊕	Ø0.10	X_BP	Y_BP
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DETAIL A
SCALE 12:1

spec ref -				dr Roger Ng		2011/11/22		projection		MM		size A2		scale 3:1					
tolerance std -				eng Michael Song		2016/06/01						ecn no ELX-DG-24191-1		rel level Released					
ASME Y14.5				chr Heaven Cen		2016/06/08													
				appr Pei-Ming Zheng		2016/06/15													
								product family											
surface -				Amphenol FCi		title		MODULE ASSEMBLY VERTICAL HEADER, 8-COLUMN, 3-PAIR						dwg no 10119191		rev C			
linear		0.X																±0.2	
		0.XX																±0.10	
ASME Y14.5		angular		0°		±2°		cat. no.		-		Product - Customer Drw				sheet 8 of 8			

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru

moschip.ru_4

moschip.ru_6

moschip.ru_9