

0099 - XXXLF

LEAD-FREE DESIGNATION
ONLY WITH APPLICABLE
PLATING CODES

8-COLUMN
DIFFERENTIAL
SIGNAL

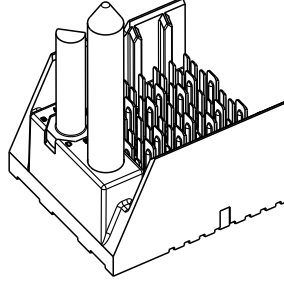
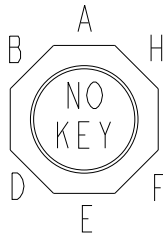
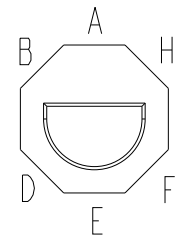
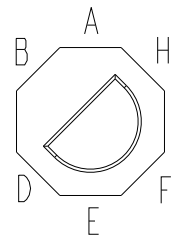
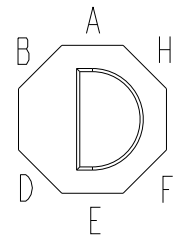
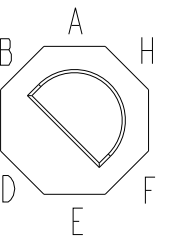
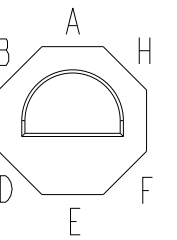
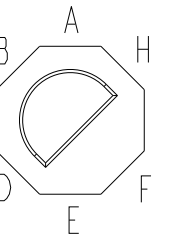
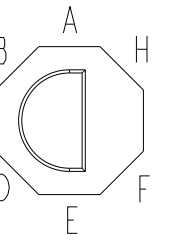
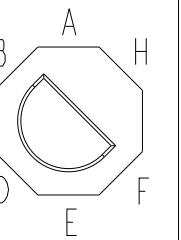
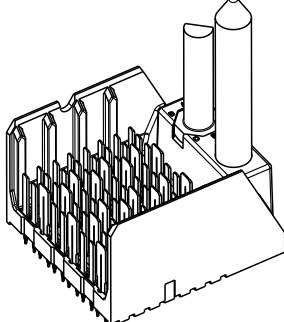
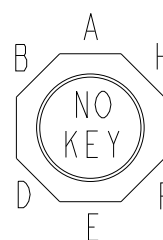
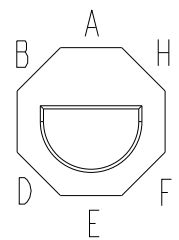
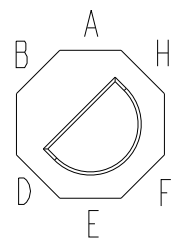
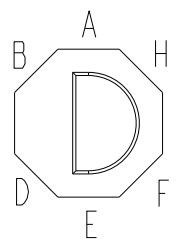
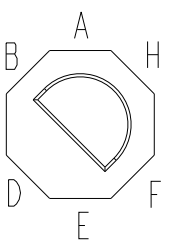
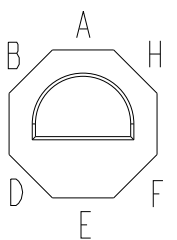
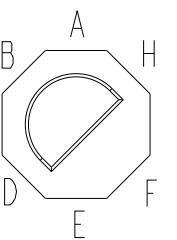
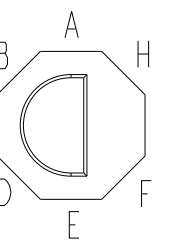
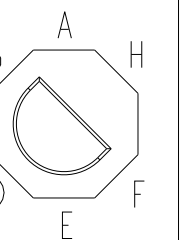
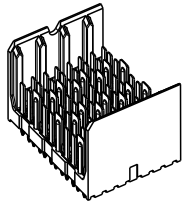
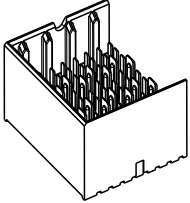
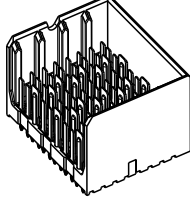
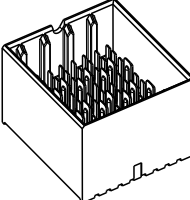
LETTER	PERFORMANCE-BASED PLATING (SEE NOTE 2)	
	TARGET APPLICATION	LEAD-FREE (LF)
B	TELCORDIA CO	NO
C	TELCORDIA UE	NO
D	TELCORDIA CO	YES
E	TELCORDIA UE	YES

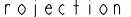
NUMBER	GUIDE PIN STYLE, HEIGHT
0	STANDARD GUIDE PIN MACHINED, 31.6mm
4	STANDARD GUIDE PIN MACHINED, 25.7mm

NUMBER	CONTACT MATING WIPE LENGTH		COMPLIANT PIN DRILL SIZE
	SIGNAL	GROUND	
1	2	4	Ø 0.55 [0.0217"]
2	3	4	Ø 0.55 [0.0217"]
3	2	4	Ø 0.45 [0.0177"]
4	3	4	Ø 0.45 [0.0177"]
5	2	3	Ø 0.55 [0.0217"]
6	3	3	Ø 0.55 [0.0217"]
7	2	3	Ø 0.45 [0.0177"]
8	3	3	Ø 0.45 [0.0177"]

TABLE 1: OPTIONAL PCB HOLE SIZE (SEE NOTE 11)		
	GROUND	UNGROUND
FINISHED	Ø 2.35-2.55	Ø 2.35-2.55
PAD	Ø 5.50	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

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)									

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	product family	XCEDE	rel level	Released	rev	C		
				appr	Pei-Ming Zheng	2016/06/15								
surface	linear	0.X	±0.2	Amphenol FCI	title	MODULE ASSEMBLY VERTICAL HEADER, 8-COLUMN, 3-PAIR			dwg no	10119191				
		0.XXX	±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

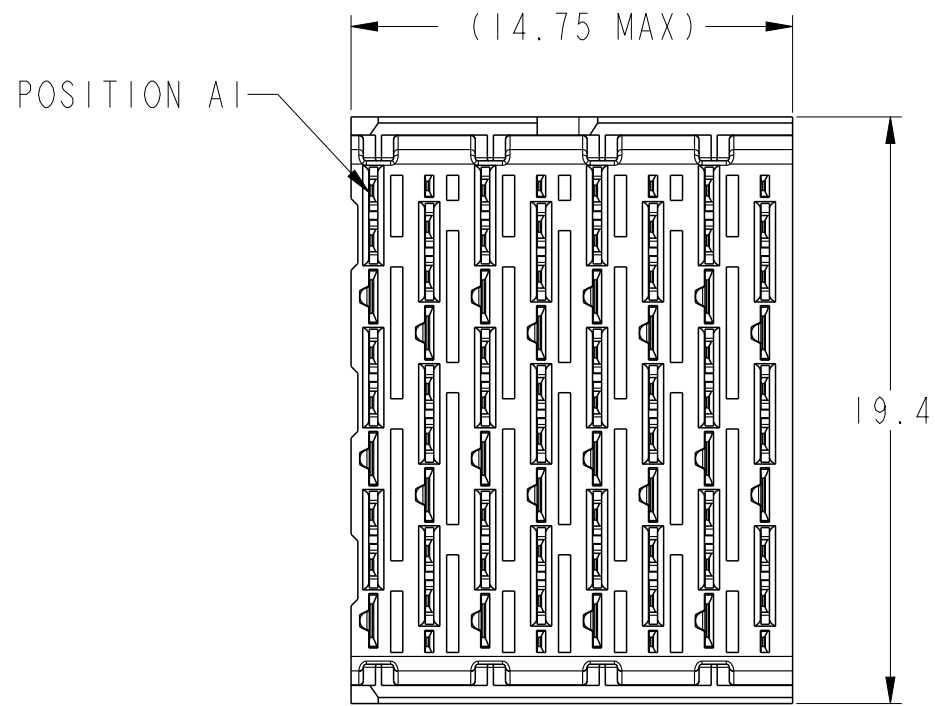
B

C

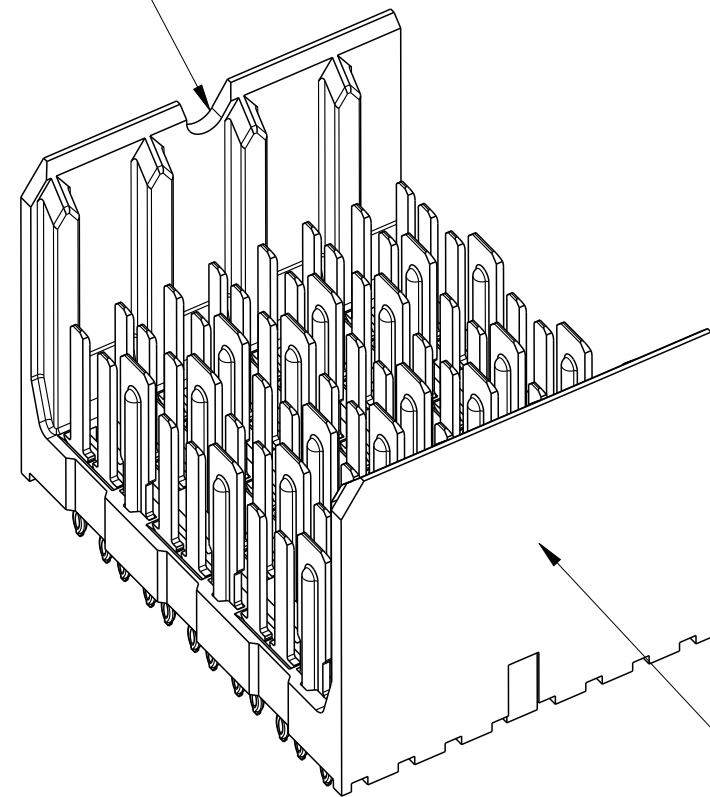
D

E

F

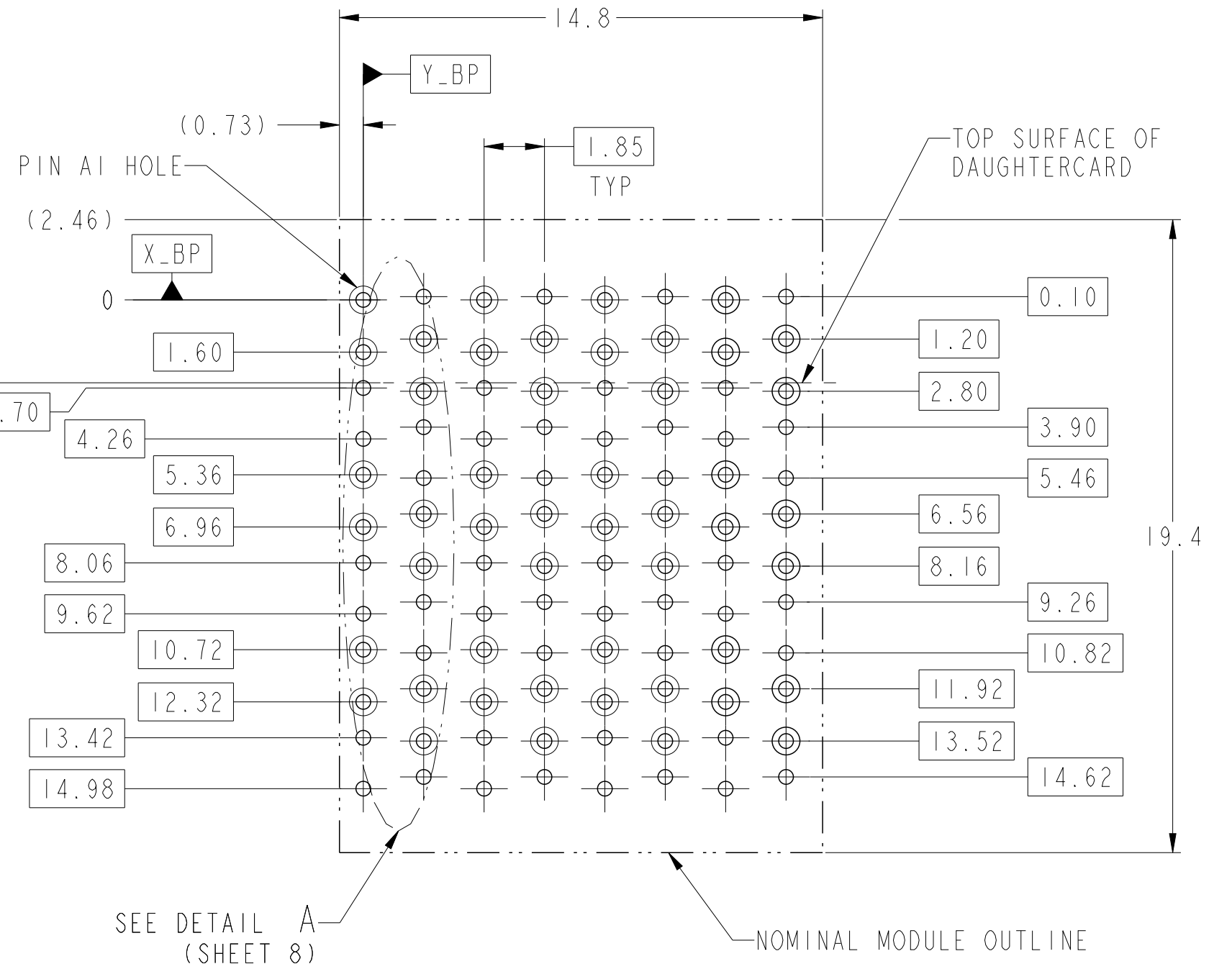


SEE NOTE 8



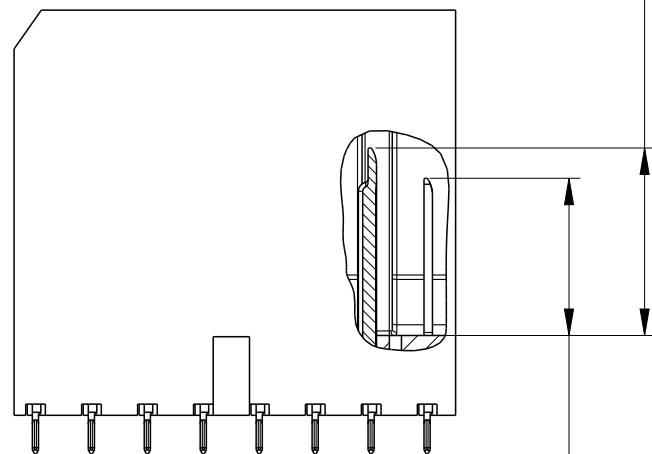
SEE NOTE 5

2.54
TO TOP SURFACE
OF DAUGHTERCARD



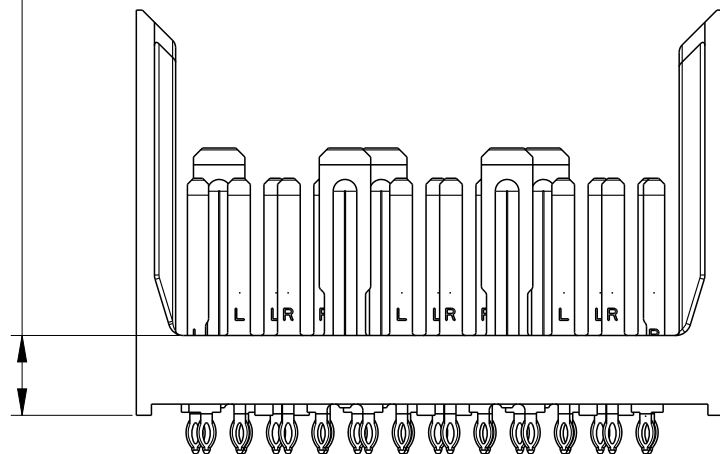
PCB HOLE PATTERN
COMPONENT SIDE
SCALE 6:1

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

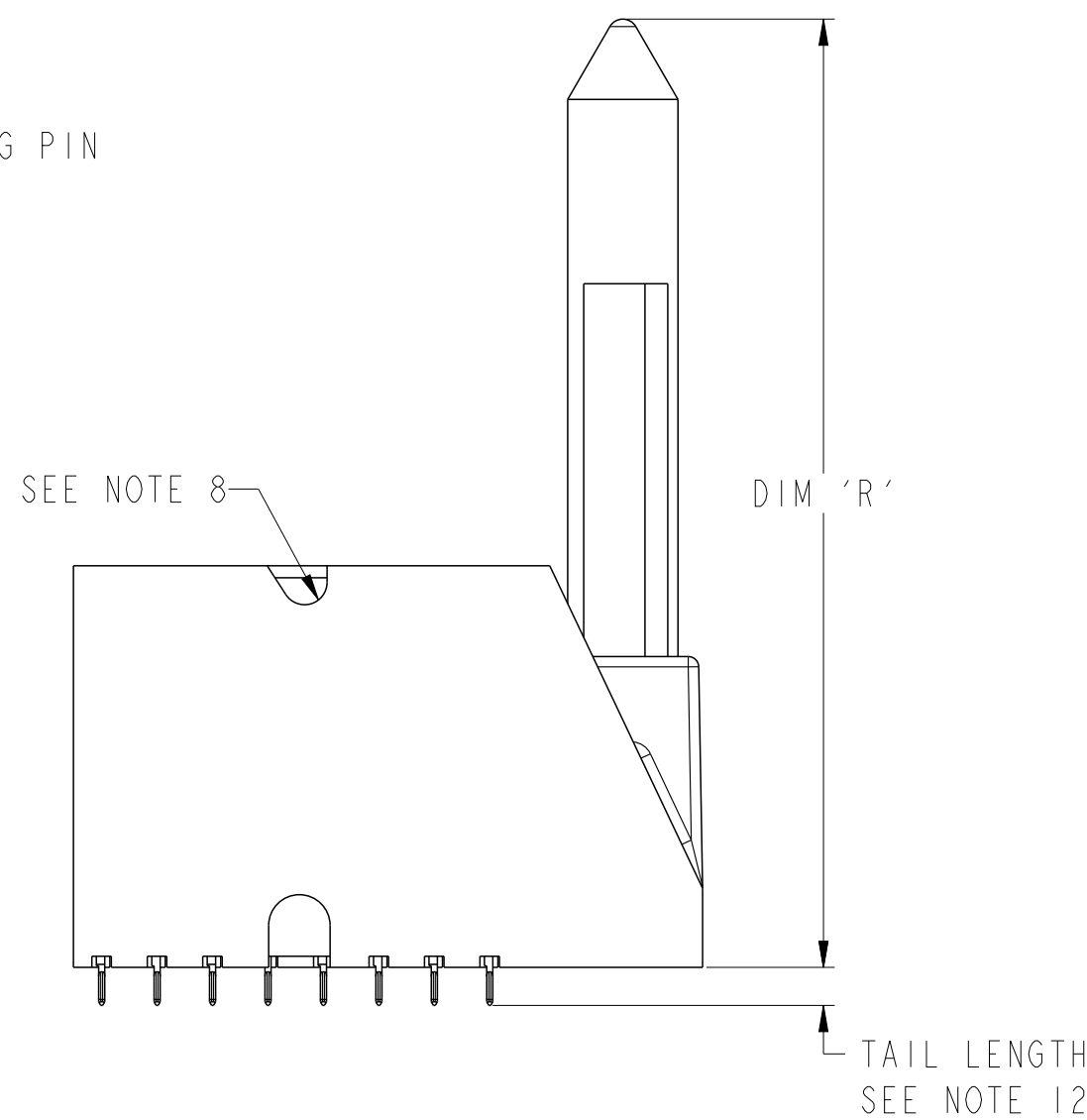
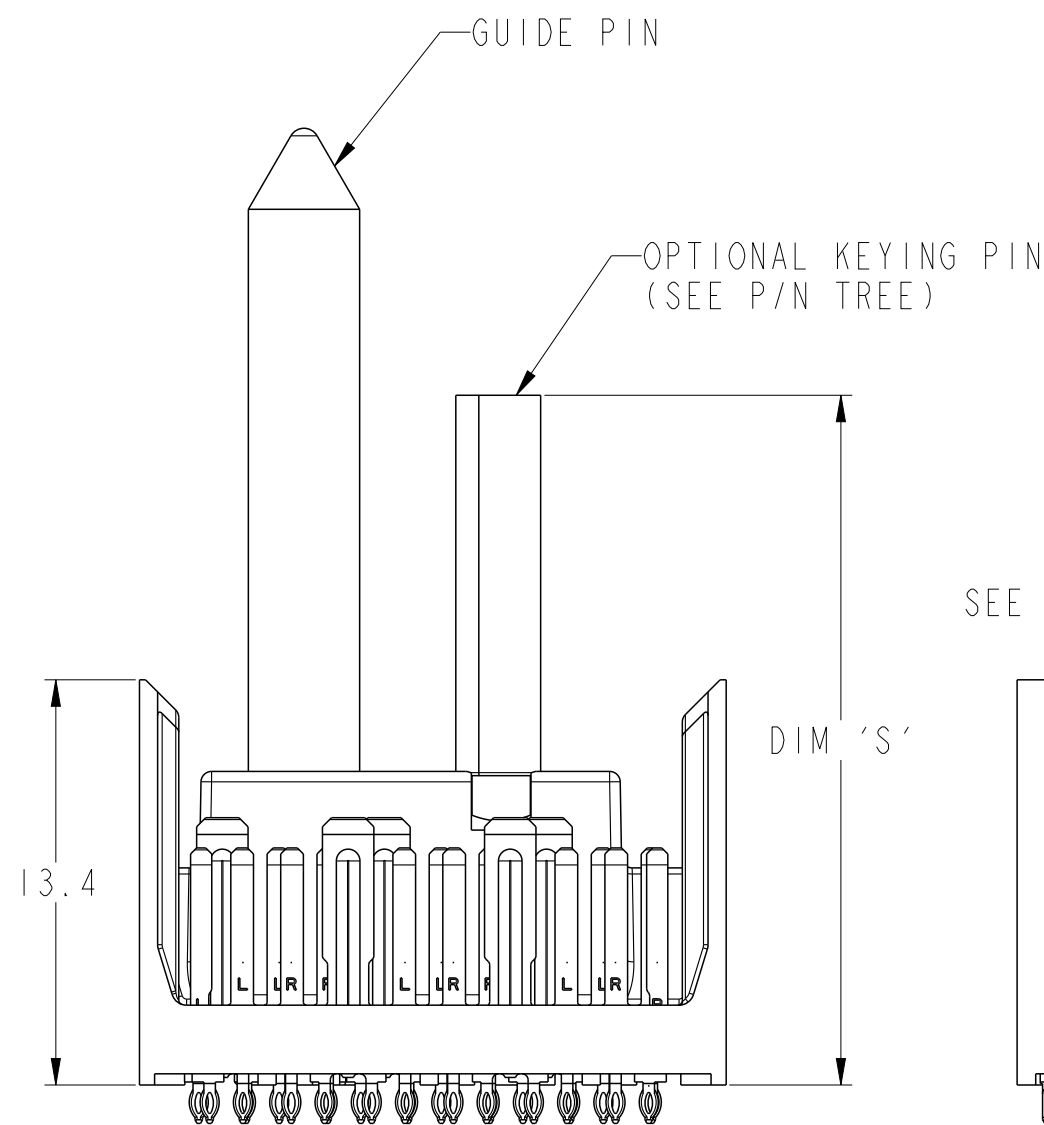
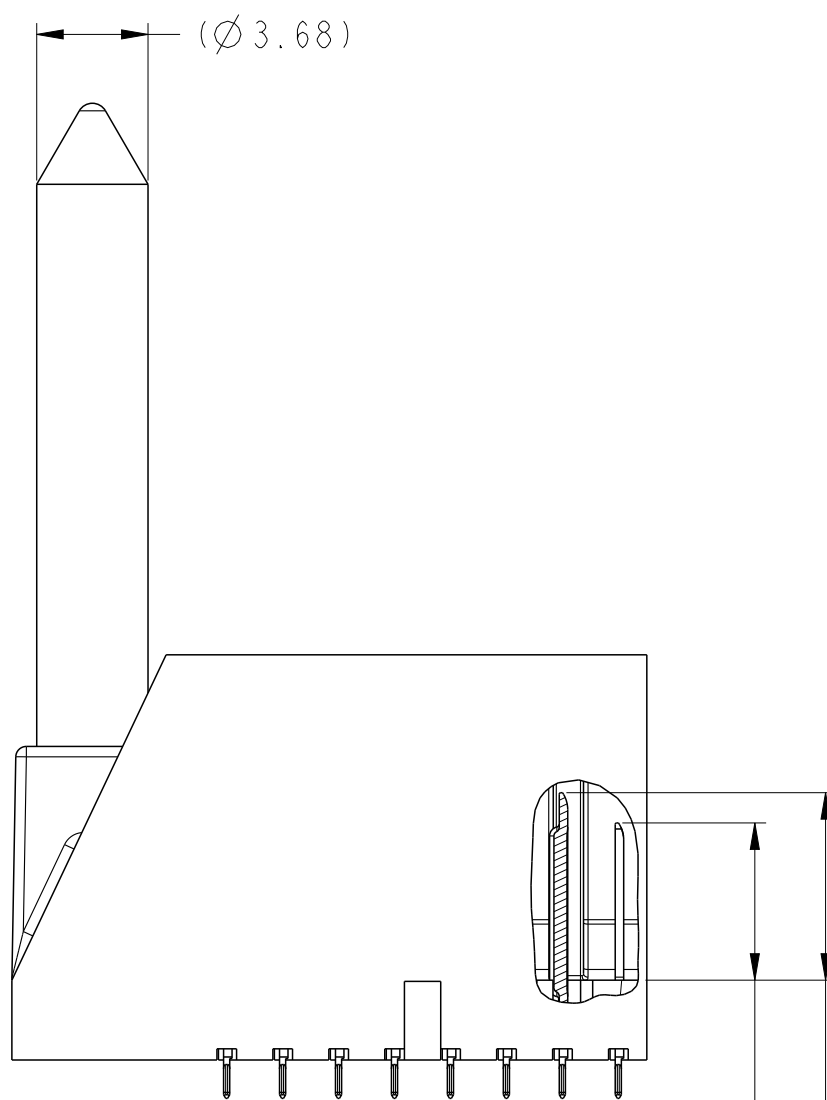
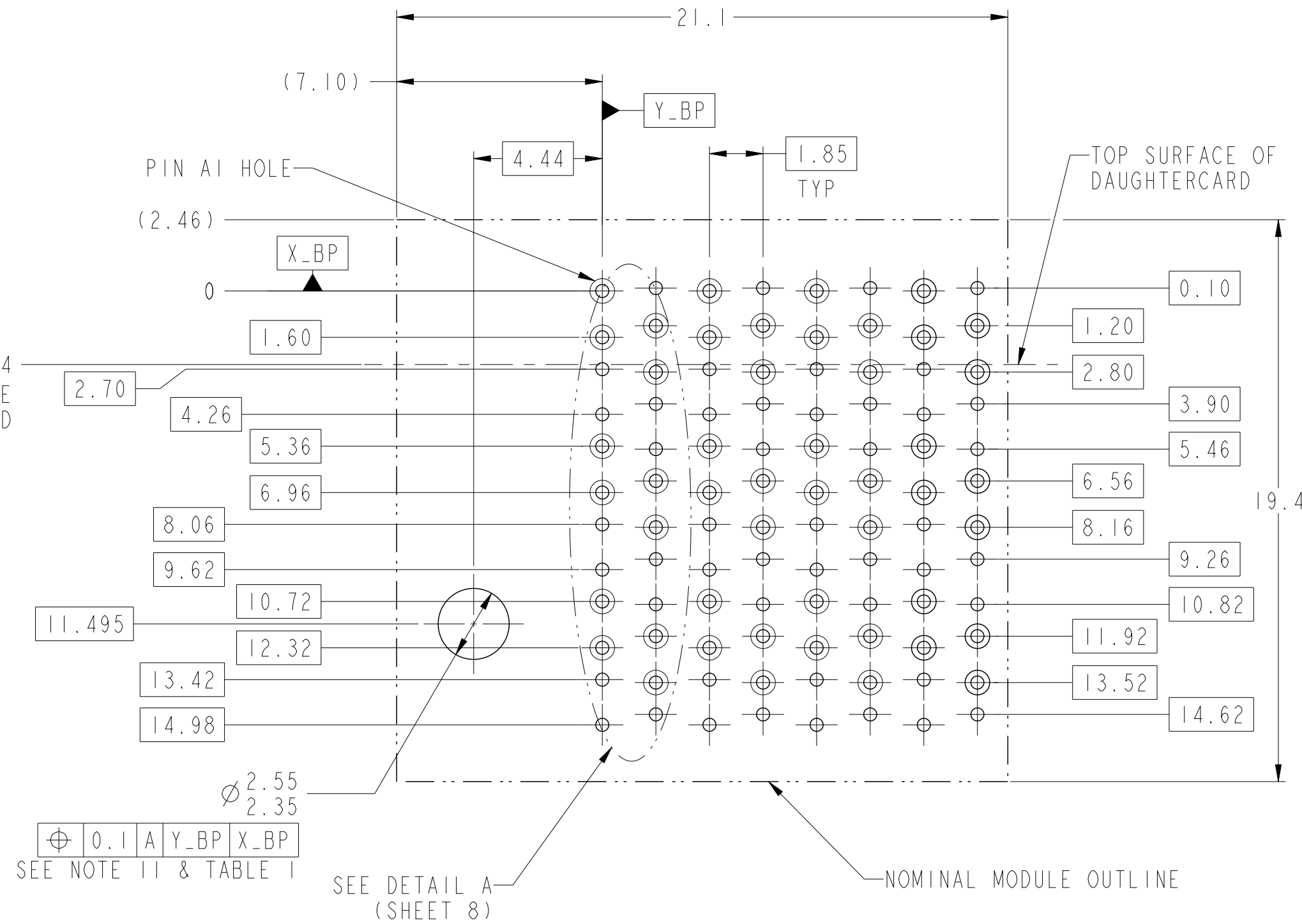
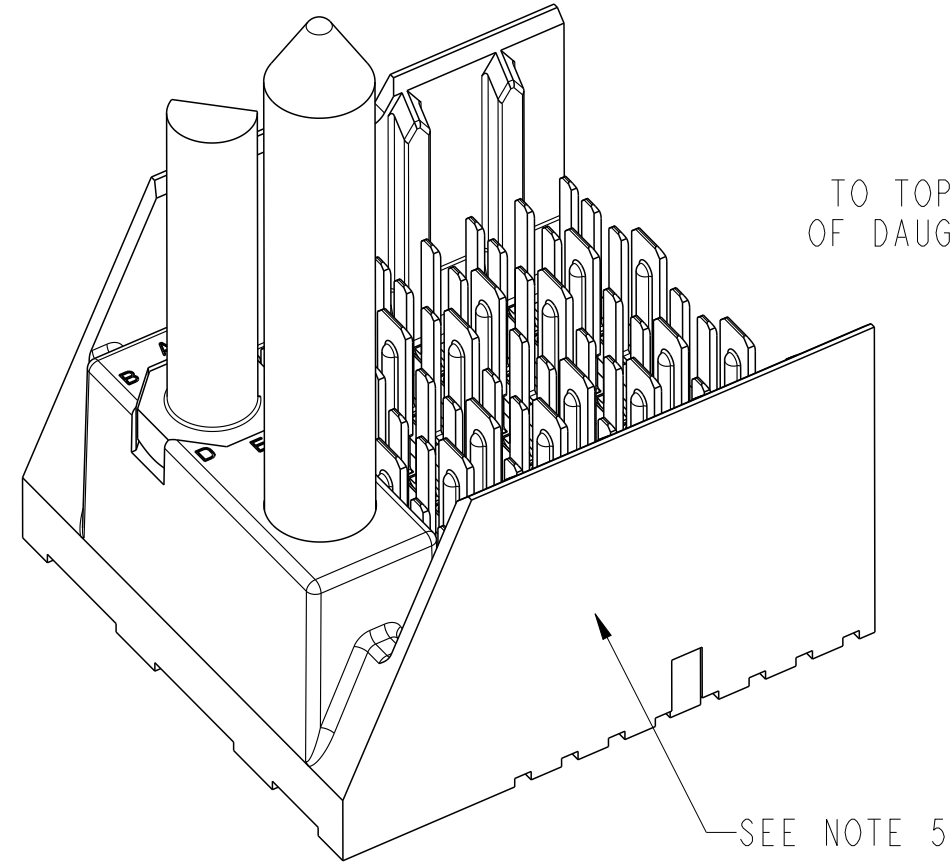
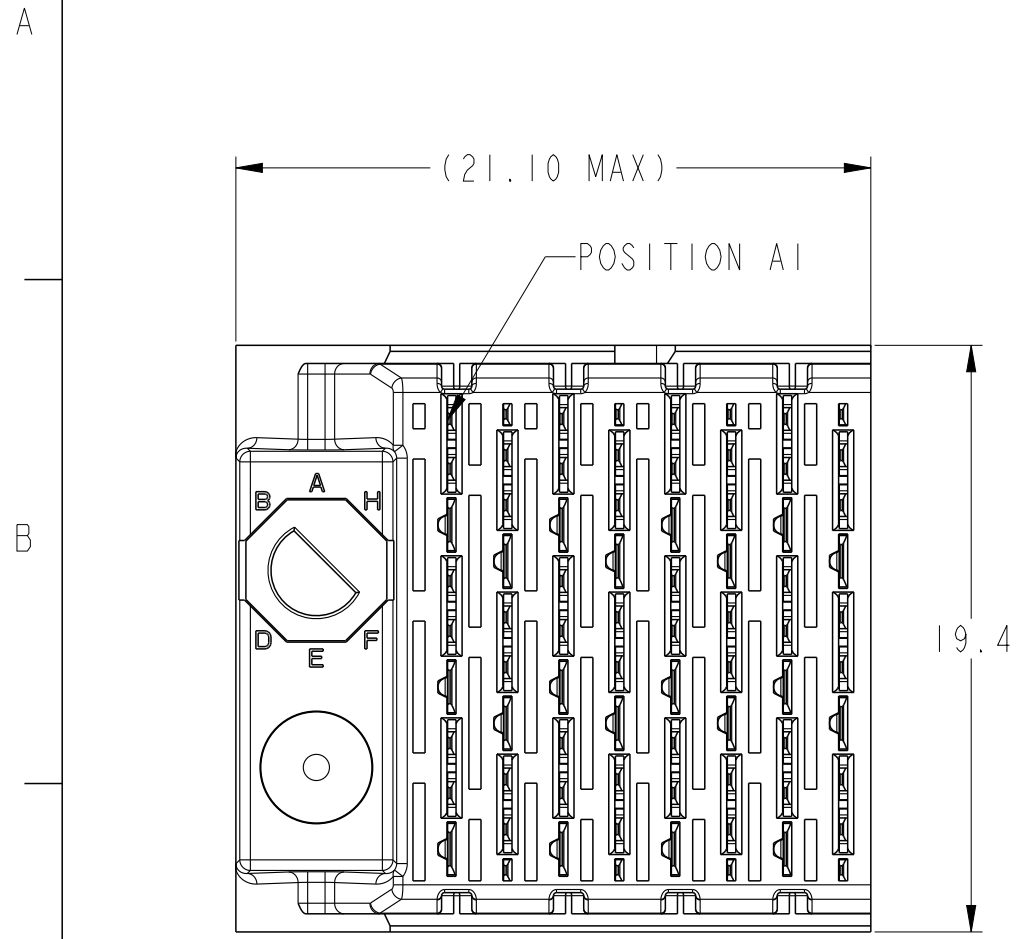
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tolerance std		-		eng		Michael Song		2016/06/01				MM				ecn no		ELX-DG-24191-1		rel level		Released	
ASME Y14.5		TOLERANCES UNLESS OTHERWISE SPECIFIED		chr		Heaven Cen		2016/06/08								XCODE							
				appr		Pei-Ming Zheng		2016/06/15															
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 2 of 8							

PDS: Rev :C

STATUS:Released

Printed: Jun 15, 2016

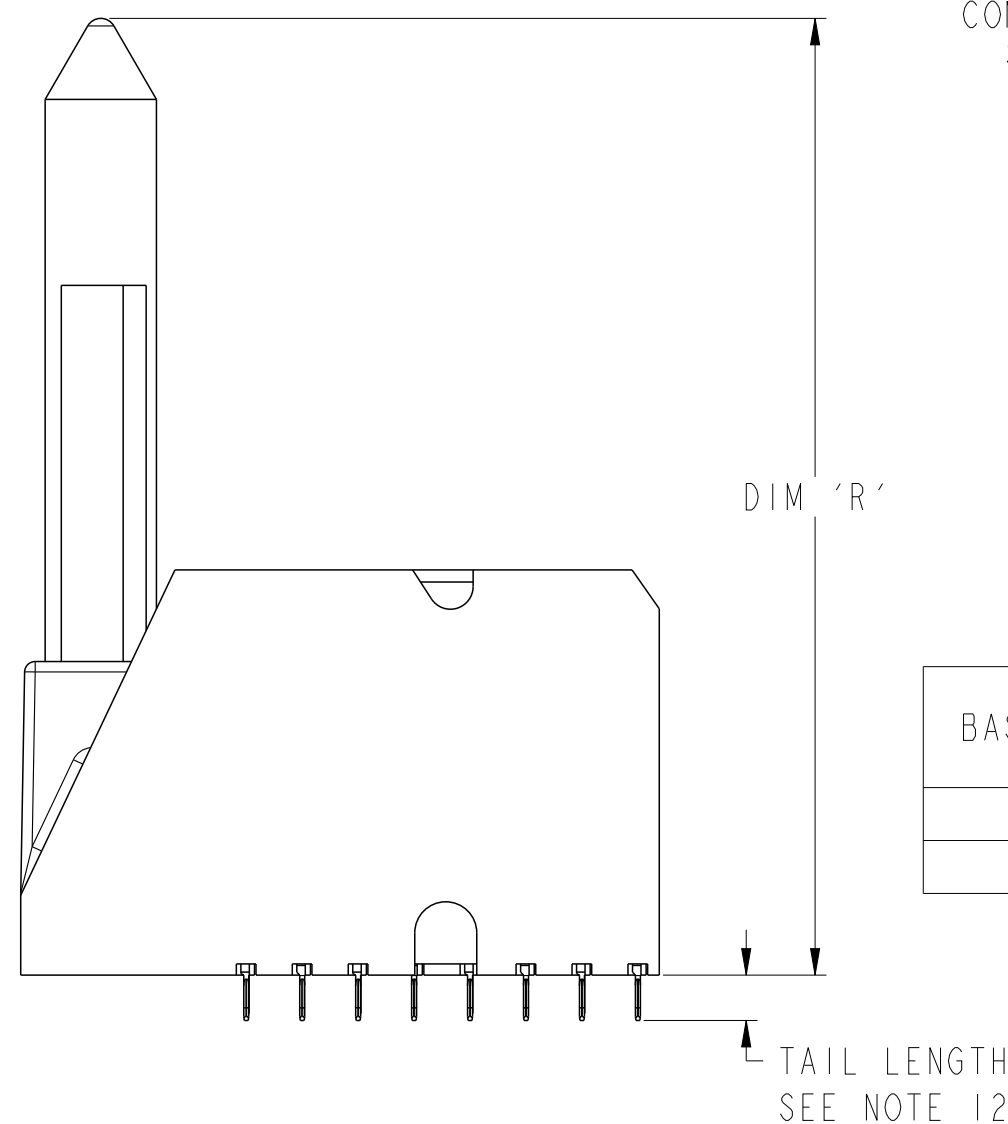
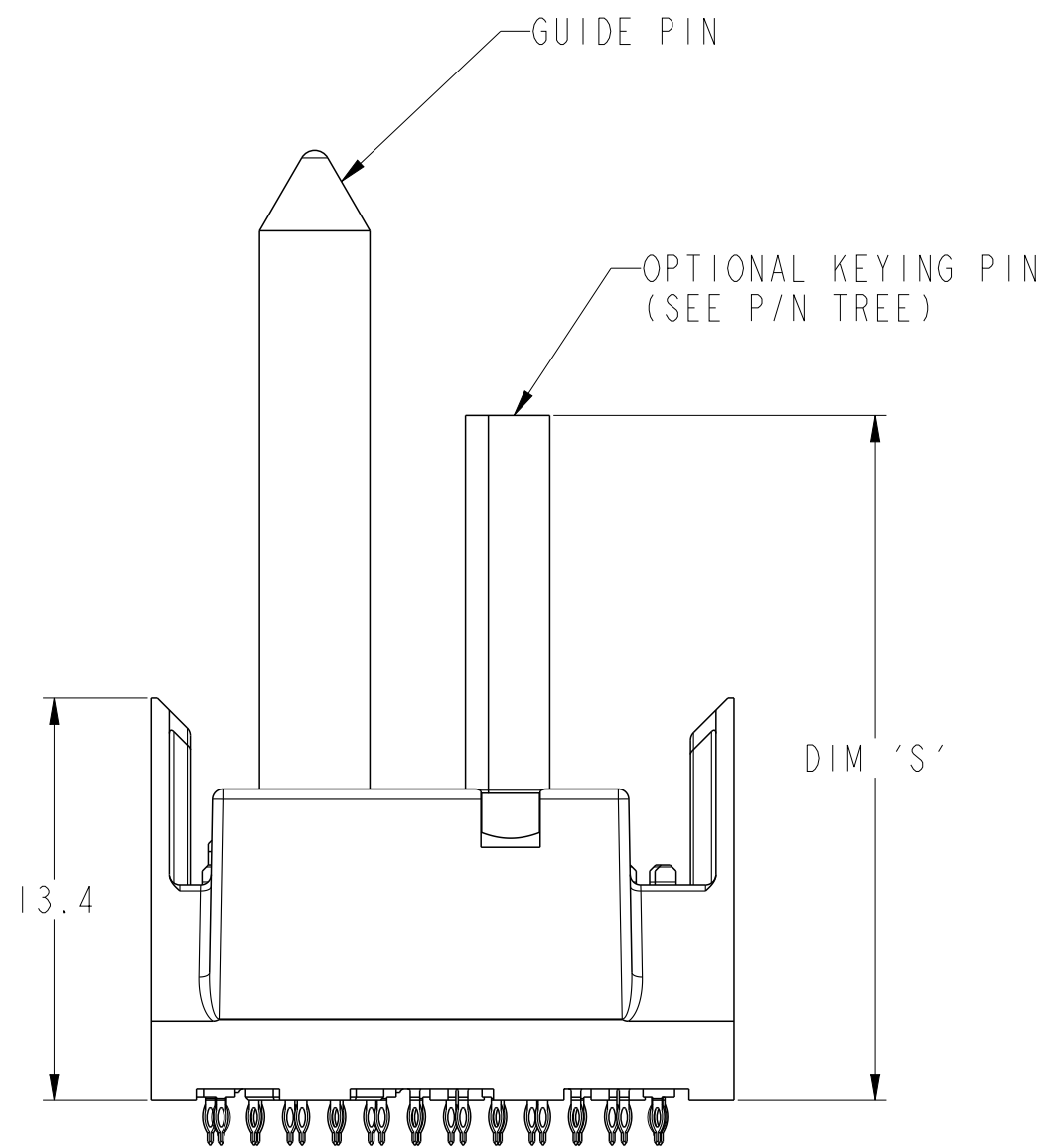
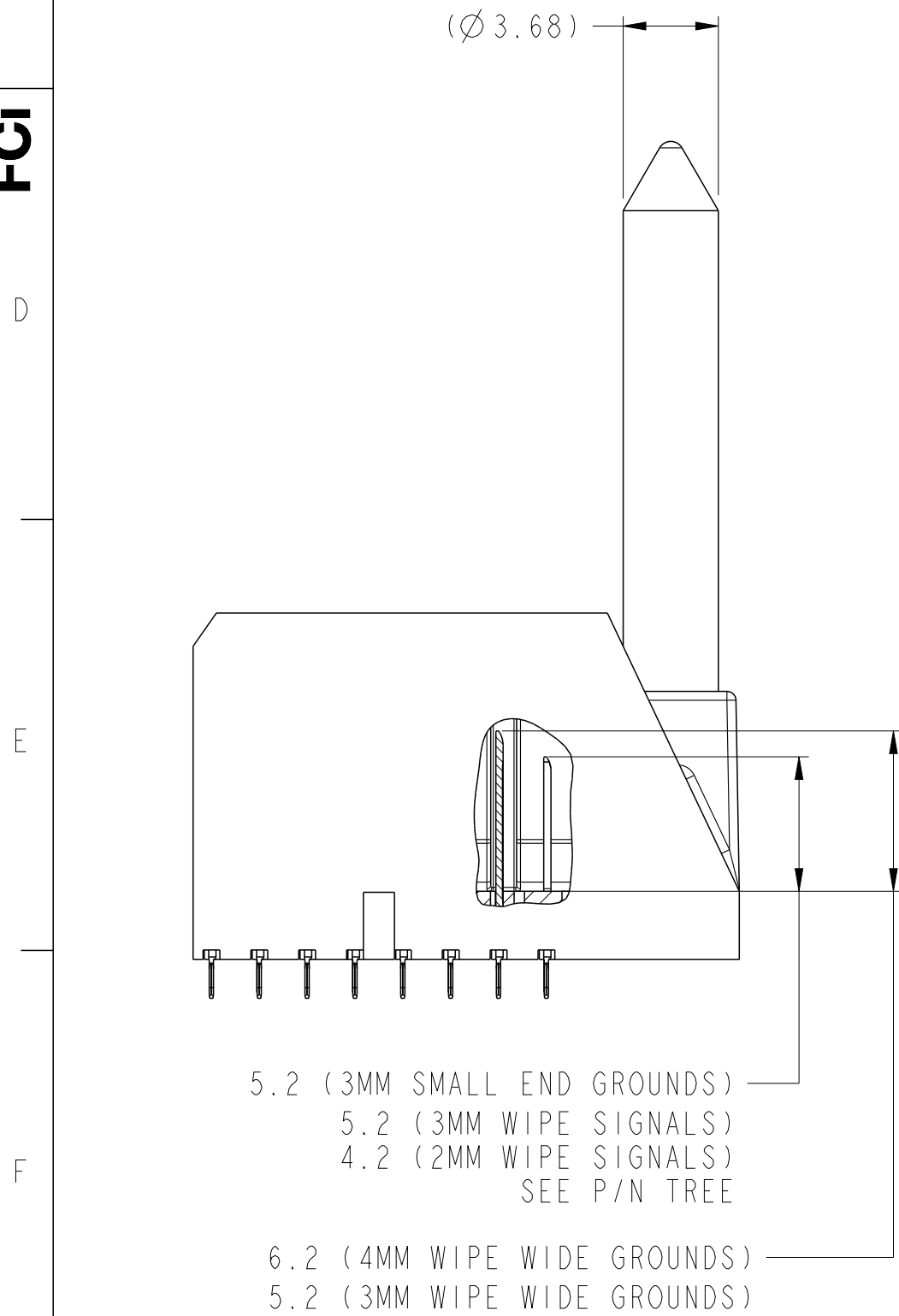
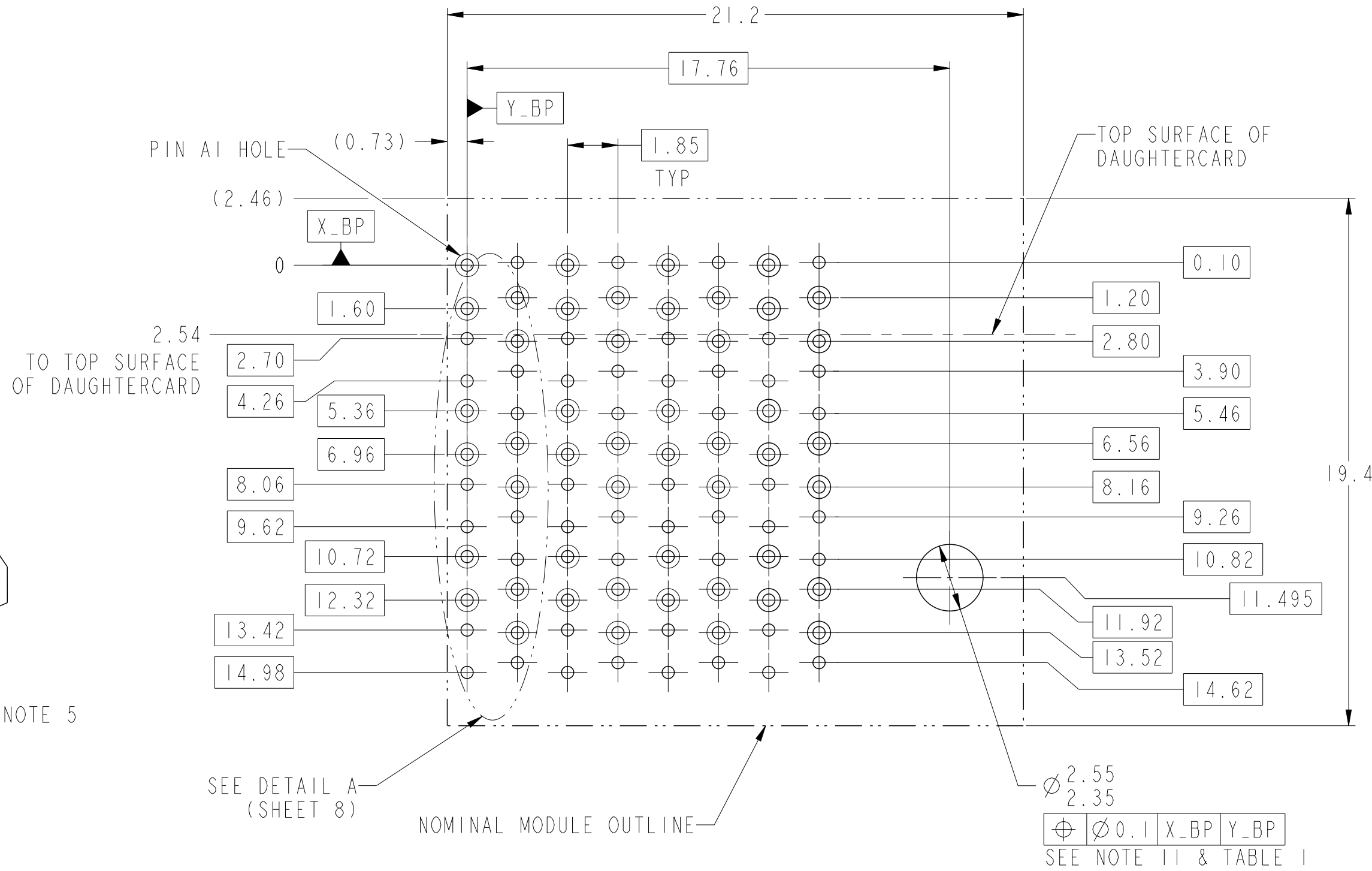
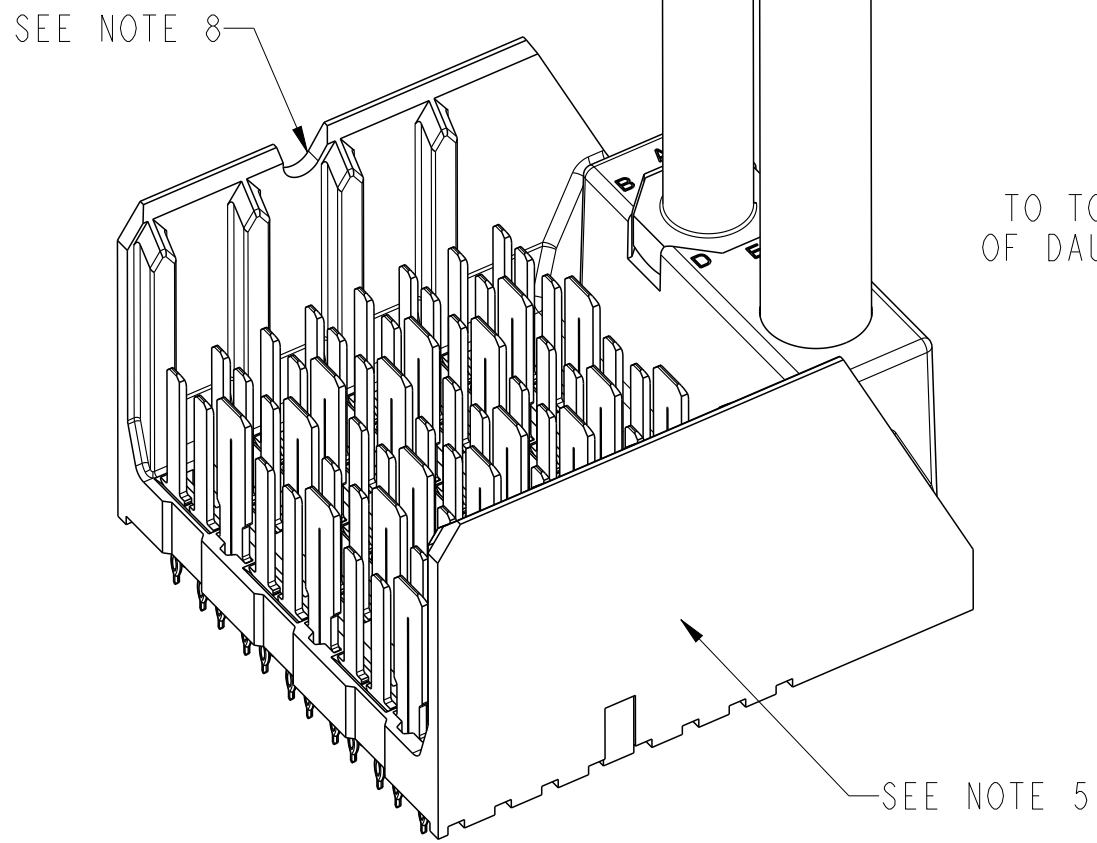
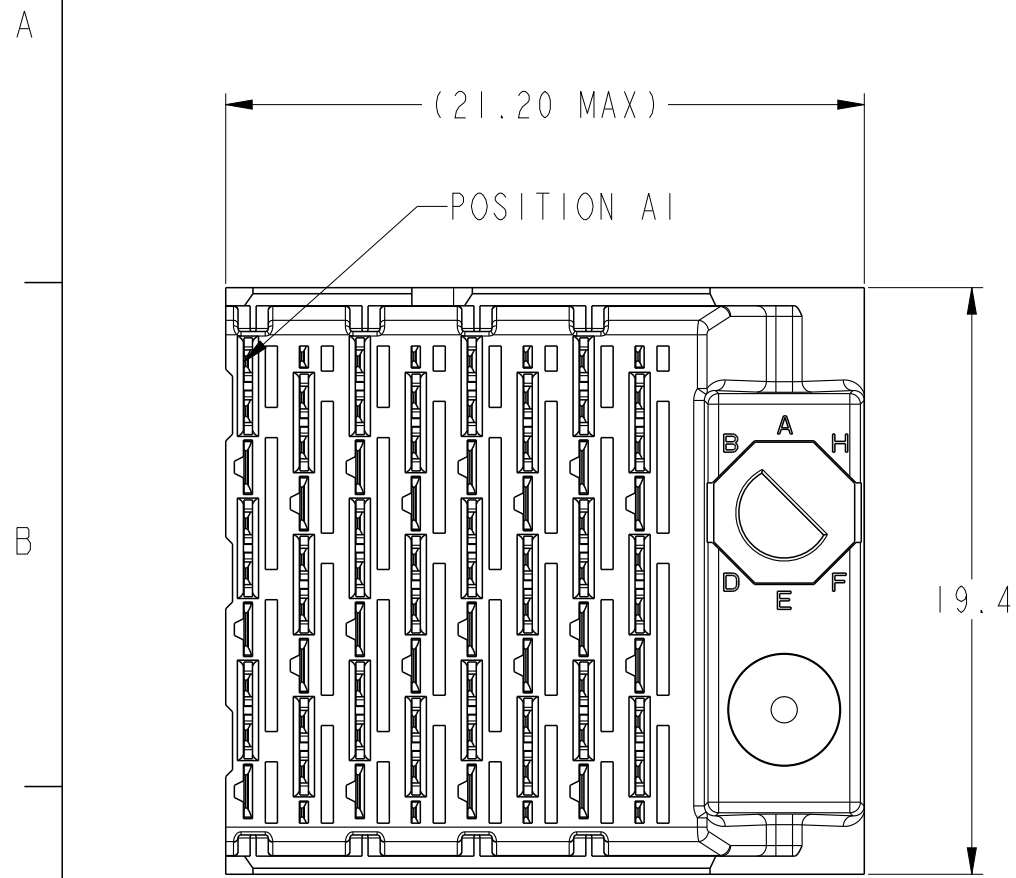
LEFT POLARIZING/GUIDE MODULE



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													
					appr		Pei-Ming Zheng		2016/06/15													
											product family		XCED		rel level		Released					
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 3 of 8					

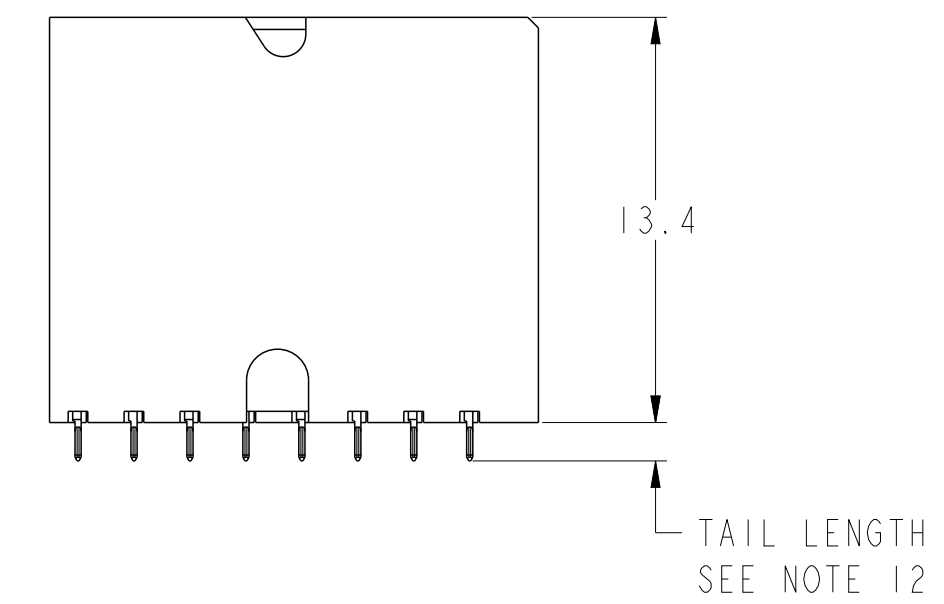
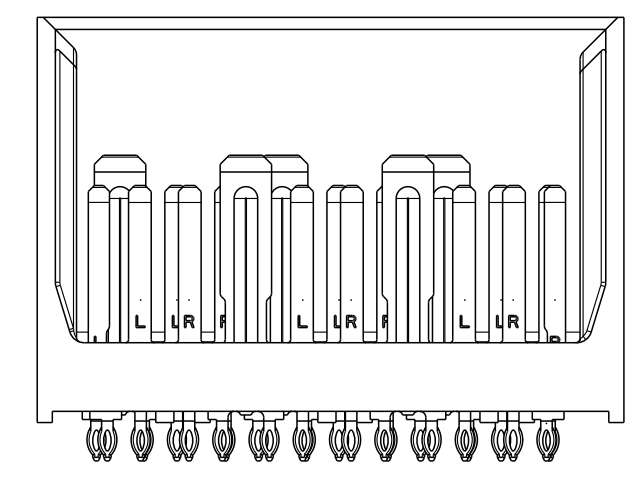
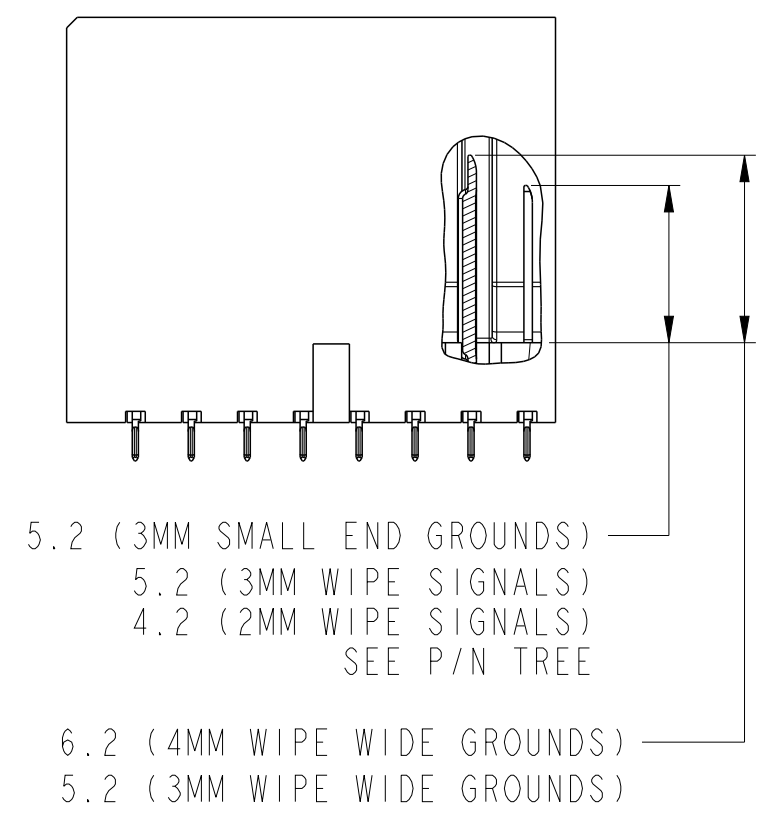
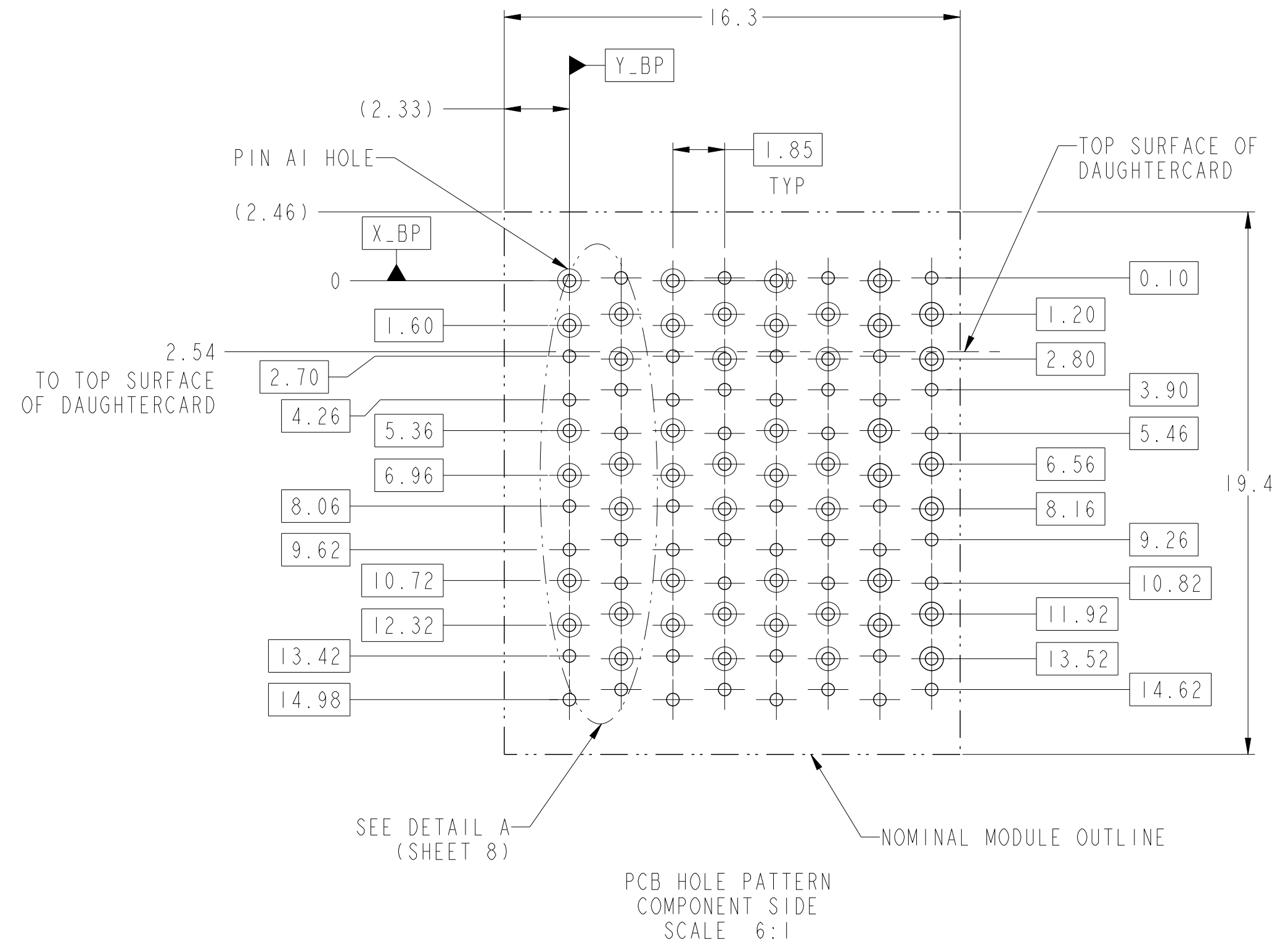
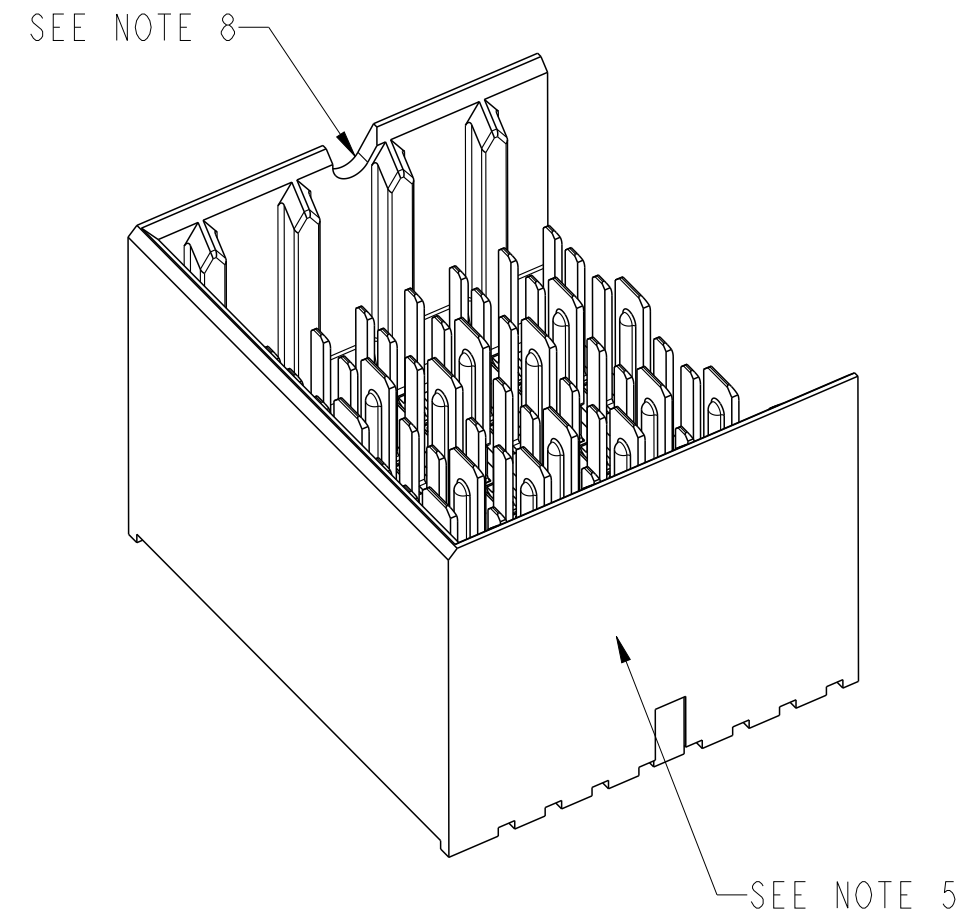
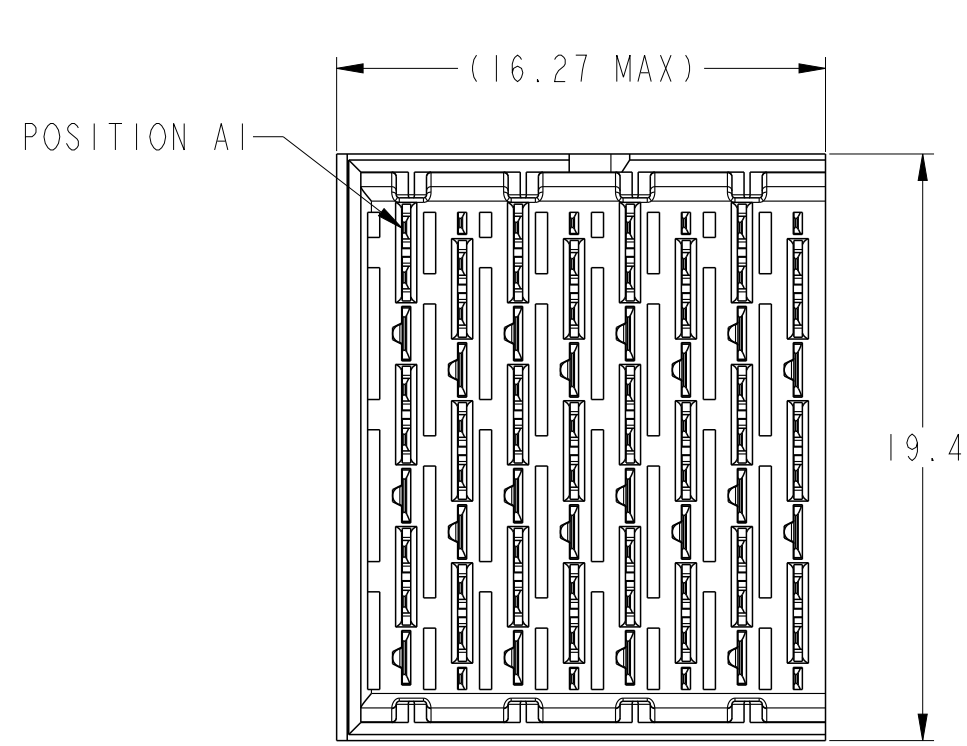
RIGHT POLARIZING/GUIDE MODULE

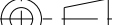


ASSEMBLY BASE CONFIGURATION END DASH NO.	GUIDE PIN	POLARIZING KEY
	DIM 'R'	DIM 'S'
-X0X	31.6mm	22.8mm
-X4X	25.7mm	20.0mm

spec ref		-		dr	Roger Ng	2011/11/22		projection		size	A2	scale	4:1	
tolerance std		-		eng	Michael Song	2016/06/01				ecn no	ELX-DG-24191-1	rel level	Released	
ASME Y14.5		TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Heaven Cen	2016/06/08								
				appr	Pei-Ming Zheng	2016/06/15	product family		XCDE					
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 4 of 8				

LEFT WALL MODULE

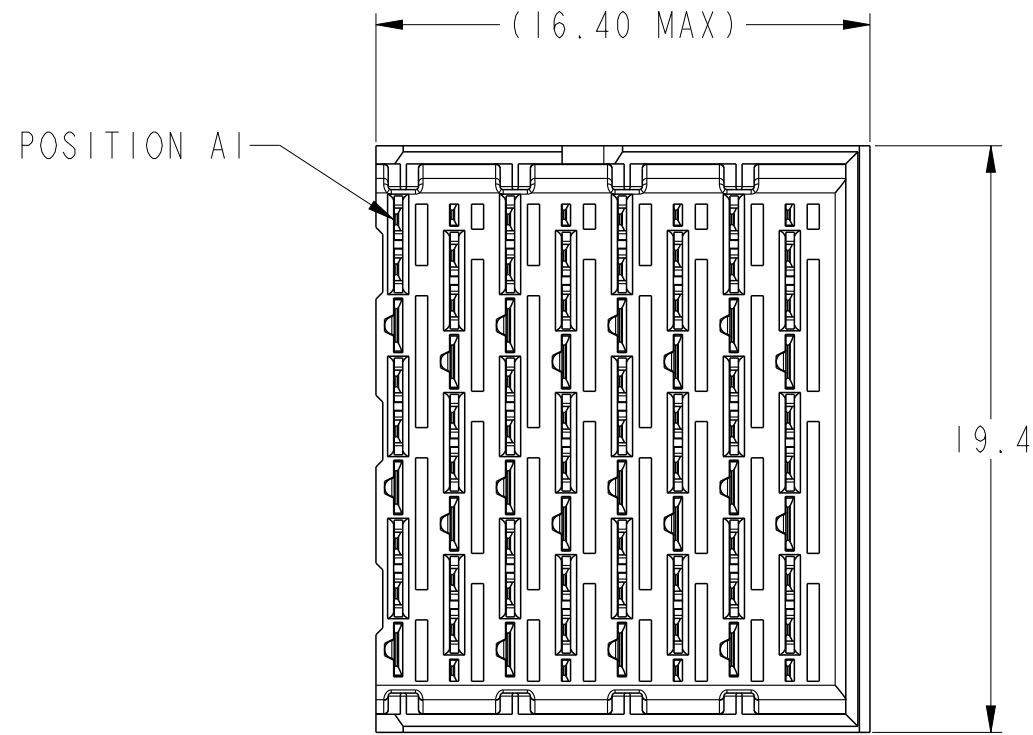


spec ref -				dr Roger Ng	2011/11/22	projection 	MM 	size A2	scale 4:1
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				chr Heaven Cen	2016/06/08				
appr Pei-Ming Zheng					2016/06/15	product family XCEDE		rel level Released	
surface  ASME Y14.5	linear	0.X	±0.2	Amphenol FCI	title MODULE ASSEMBLY VERTICAL HEADER, 8-COLUMN, 3-PAIR	dwg no 10119191	rev C		
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	0.XXX	±0.050							
angular	0°	±2°		cat. no. -	Product - Customer Drw		sheet 5 of 8		

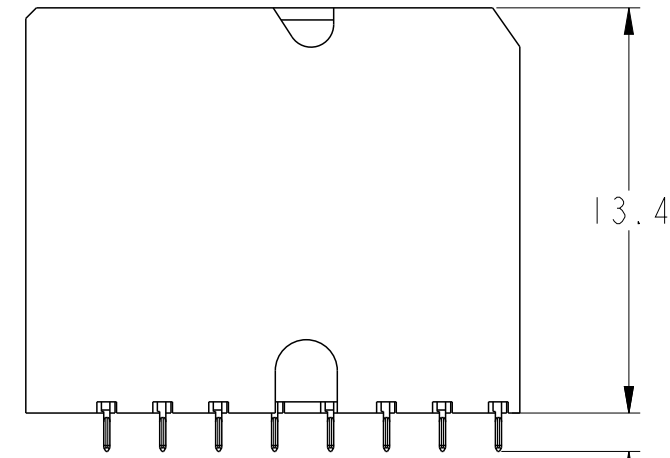
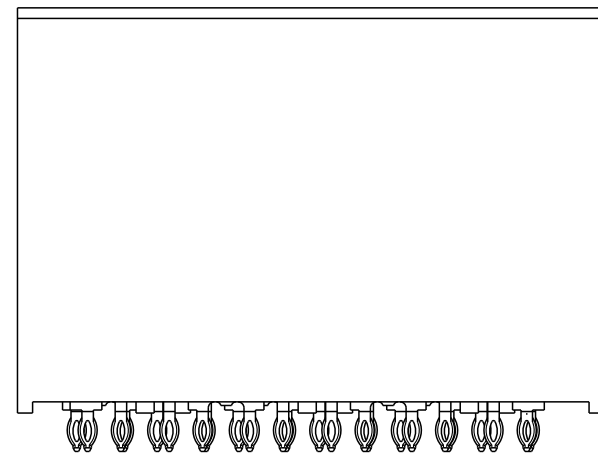
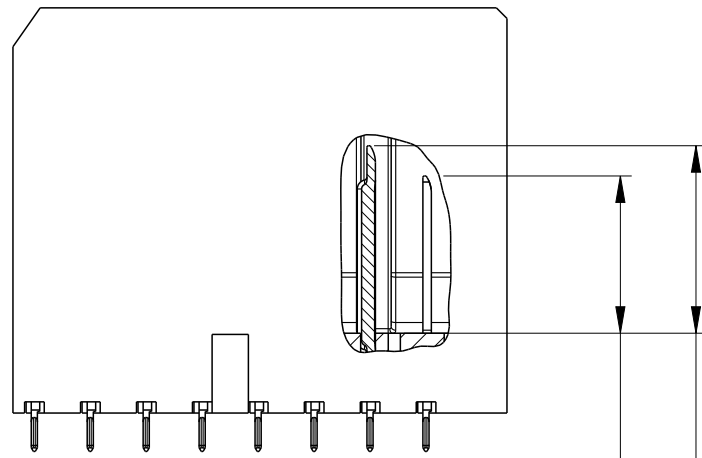
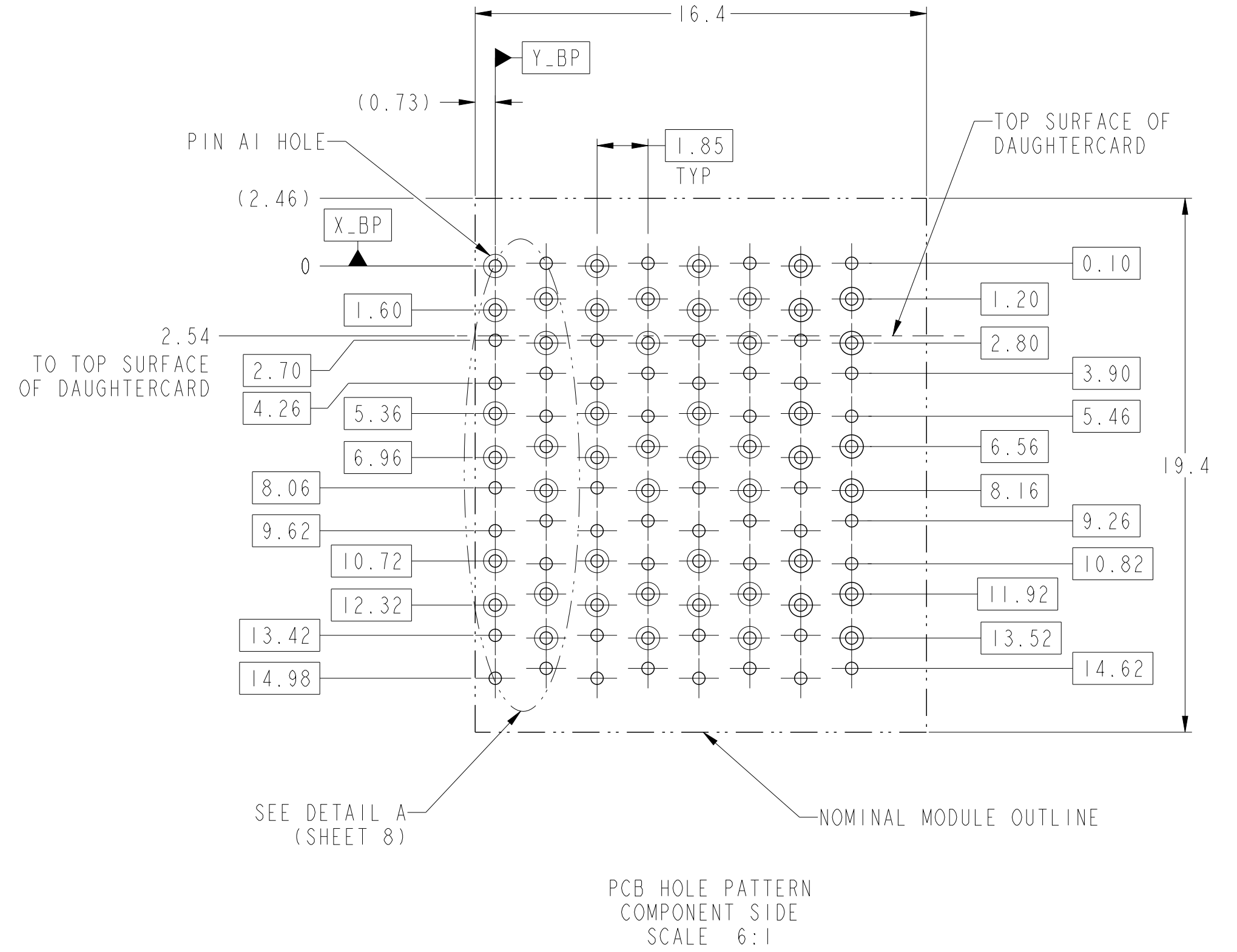
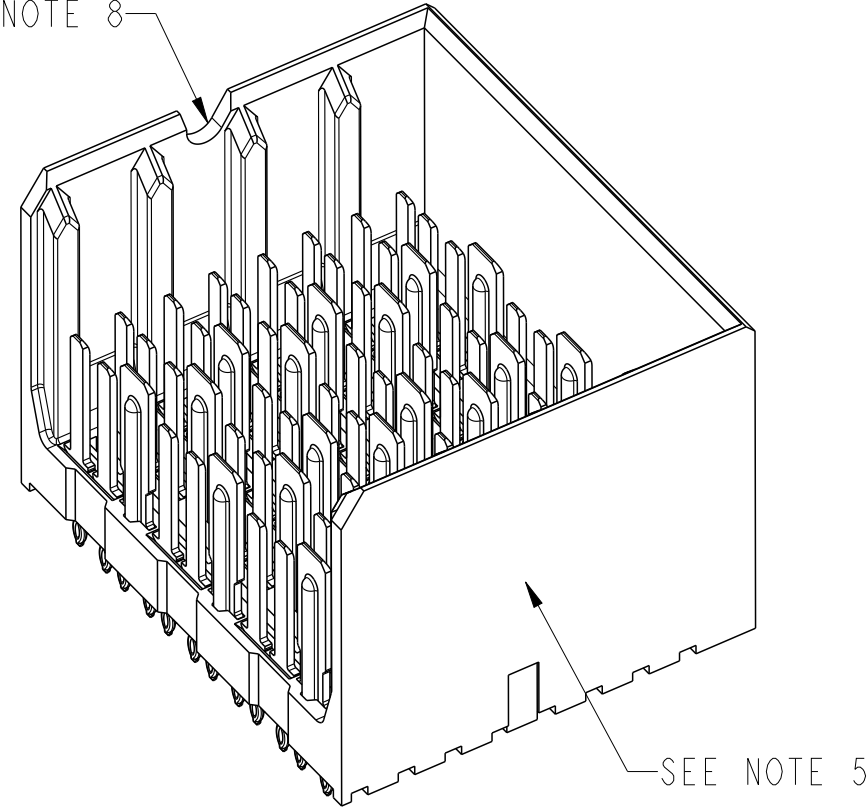
Amphenol FCI

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RIGHT WALL MODULE



SEE NOTE 8



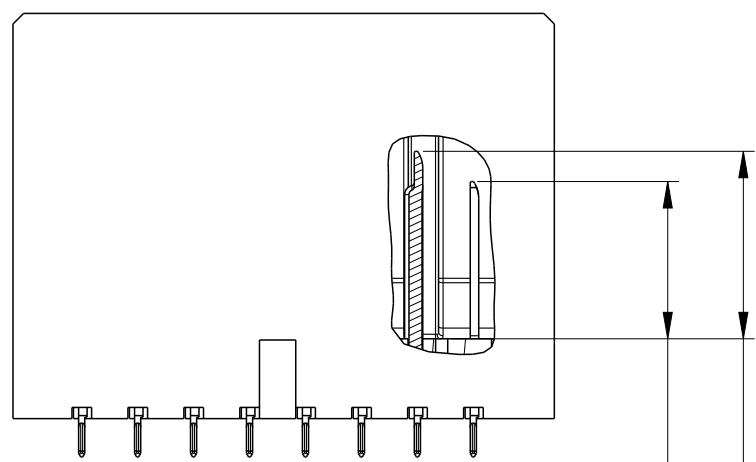
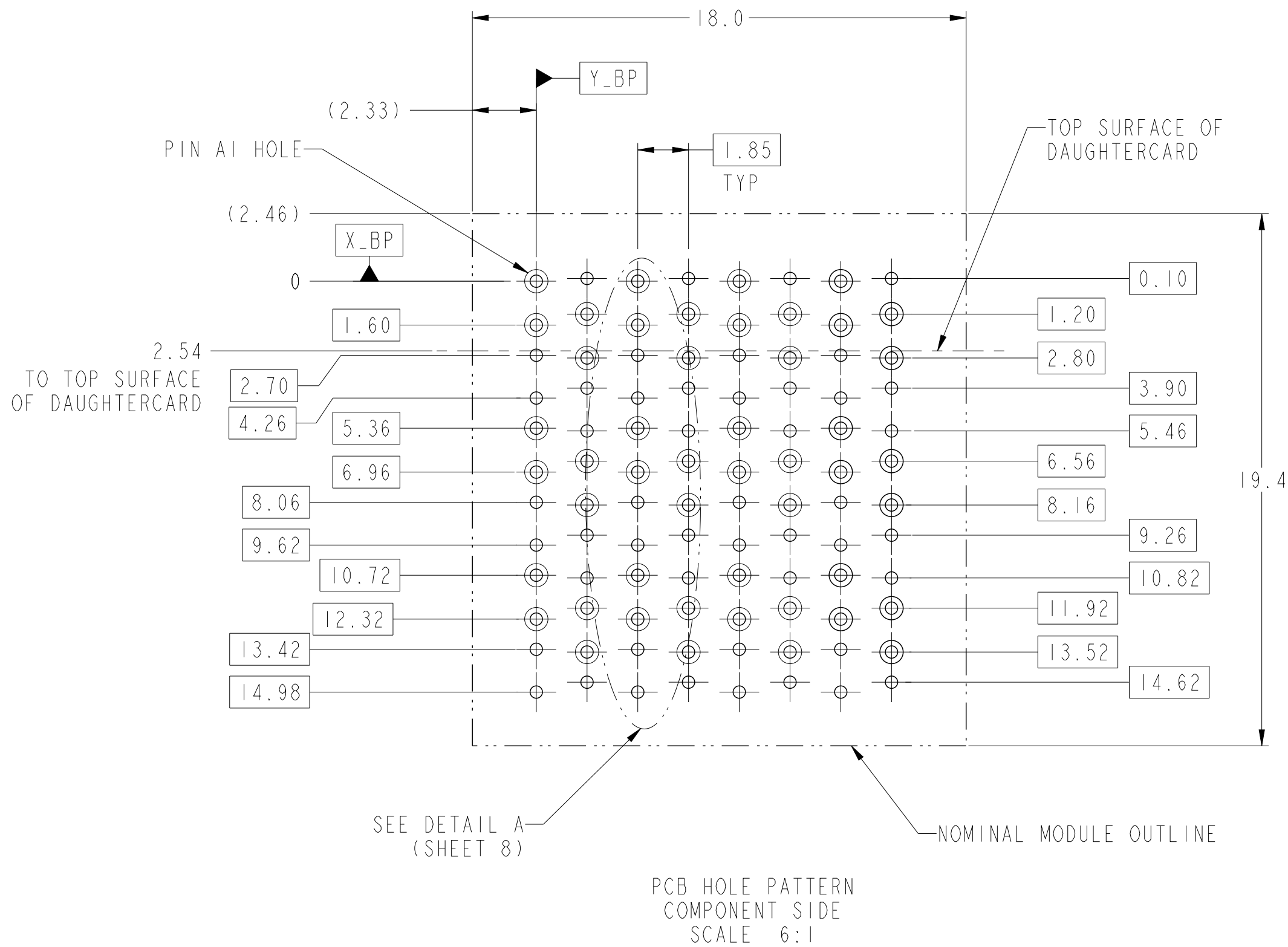
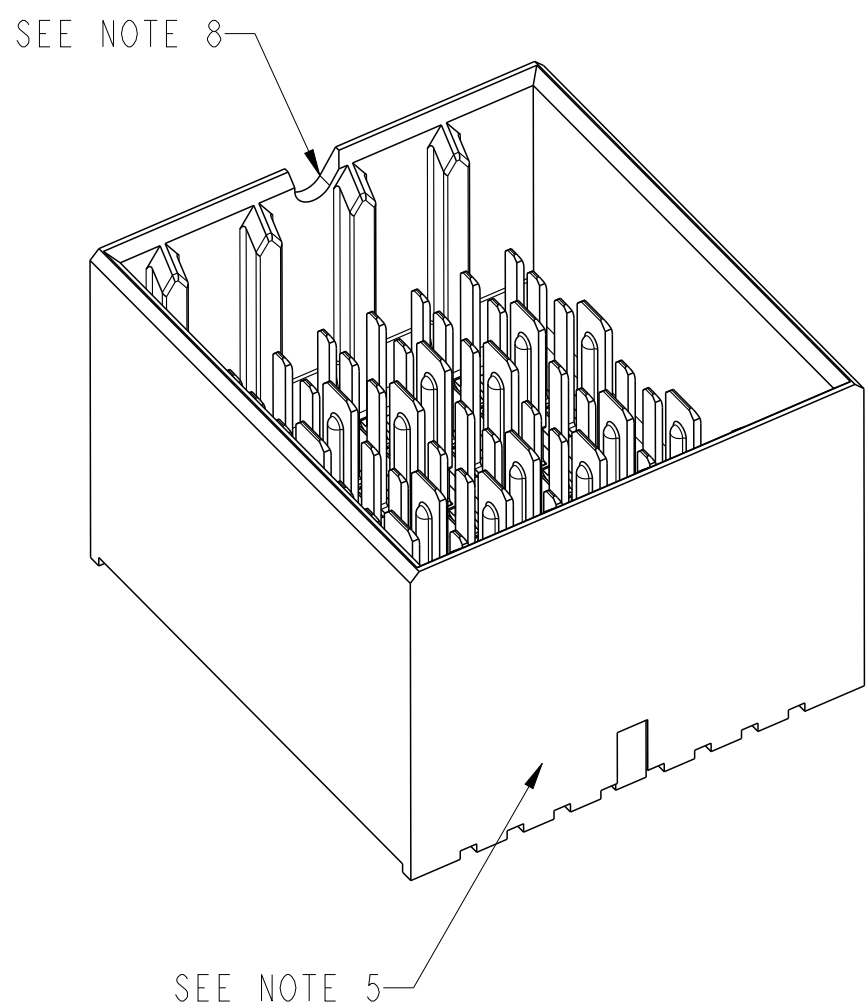
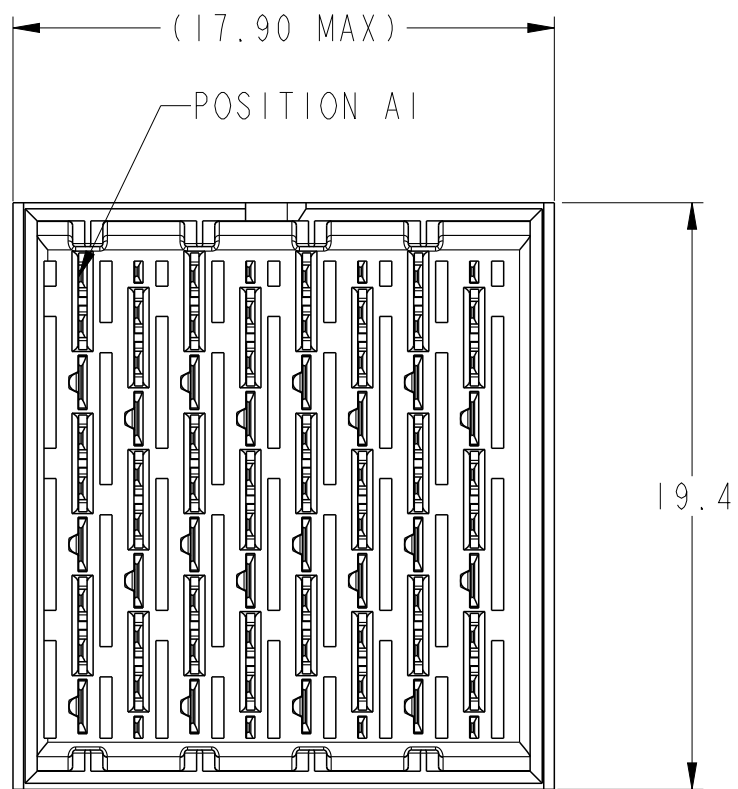
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ASME Y14.5		TOLERANCES UNLESS OTHERWISE SPECIFIED		chr		Heaven Cen		2016/06/08								product family				XCED			
				appr		Pei-Ming Zheng		2016/06/15															
surface		linear		0.X		±0.2		Amphenol FCI		title		MODULE ASSEMBLY		dwg no		10119191		rev		C			
		0.XX		±0.10																			
		0.XXX		±0.050																			
ASME Y14.5		angular		0°		±2°				cat. no.		-		Product - Customer Drw		sheet 6 of 8							

PDS: Rev :C

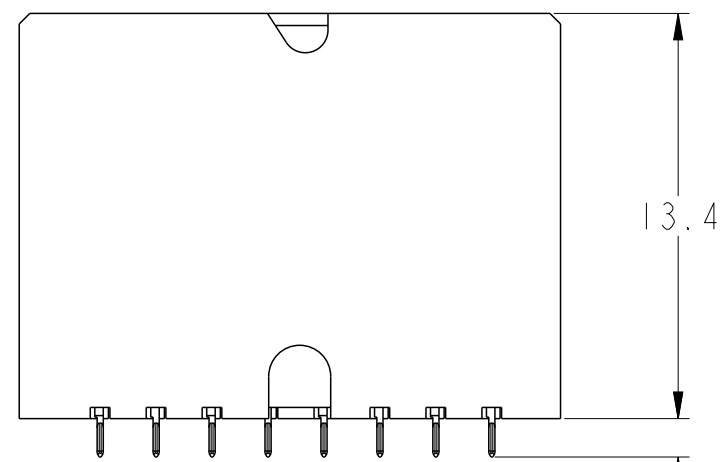
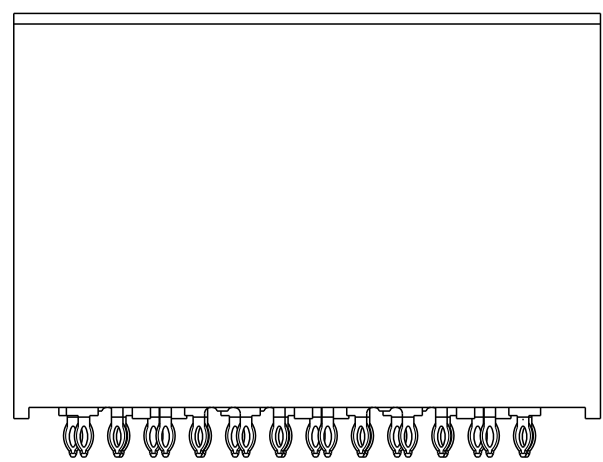
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Printed: Jun 15, 2016

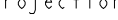
FOUR WALL MODULE



5.2 (3MM SMALL END GROUNDS)
5.2 (3MM WIPE SIGNALS)
4.2 (2MM WIPE SIGNALS)
SEE P/N TREE
6.2 (4MM WIPE WIDE GROUNDS)
5.2 (3MM WIPE WIDE GROUNDS)



TAIL LENGTH
SEE NOTE 12

spec ref		-		dr	Roger Ng	2011/11/22			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		XCED					
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 7 of 8			

PDS: Rev :C

STATUS:Released

Printed: Jun 15, 2016

NOTES:

- CONNECTOR MATERIALS
SHROUD: HIGH-TEMP THERMOPLASTIC, GRAY, UL94V-0
CONTACTS: HIGH PERFORMANCE COPPER ALLOY
- CONTACT PLATING:

SEPARABLE INTERFACE: PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12 588, INCLUDING THE TELCORDIA GR-1217-CORE (NOVEMBER 1995) CENTRAL OFFICE (CO) OR UNCONTROLLED ENVIRONMENT (UE) TEST SEQUENCE AS NOTED IN P/N TREE.

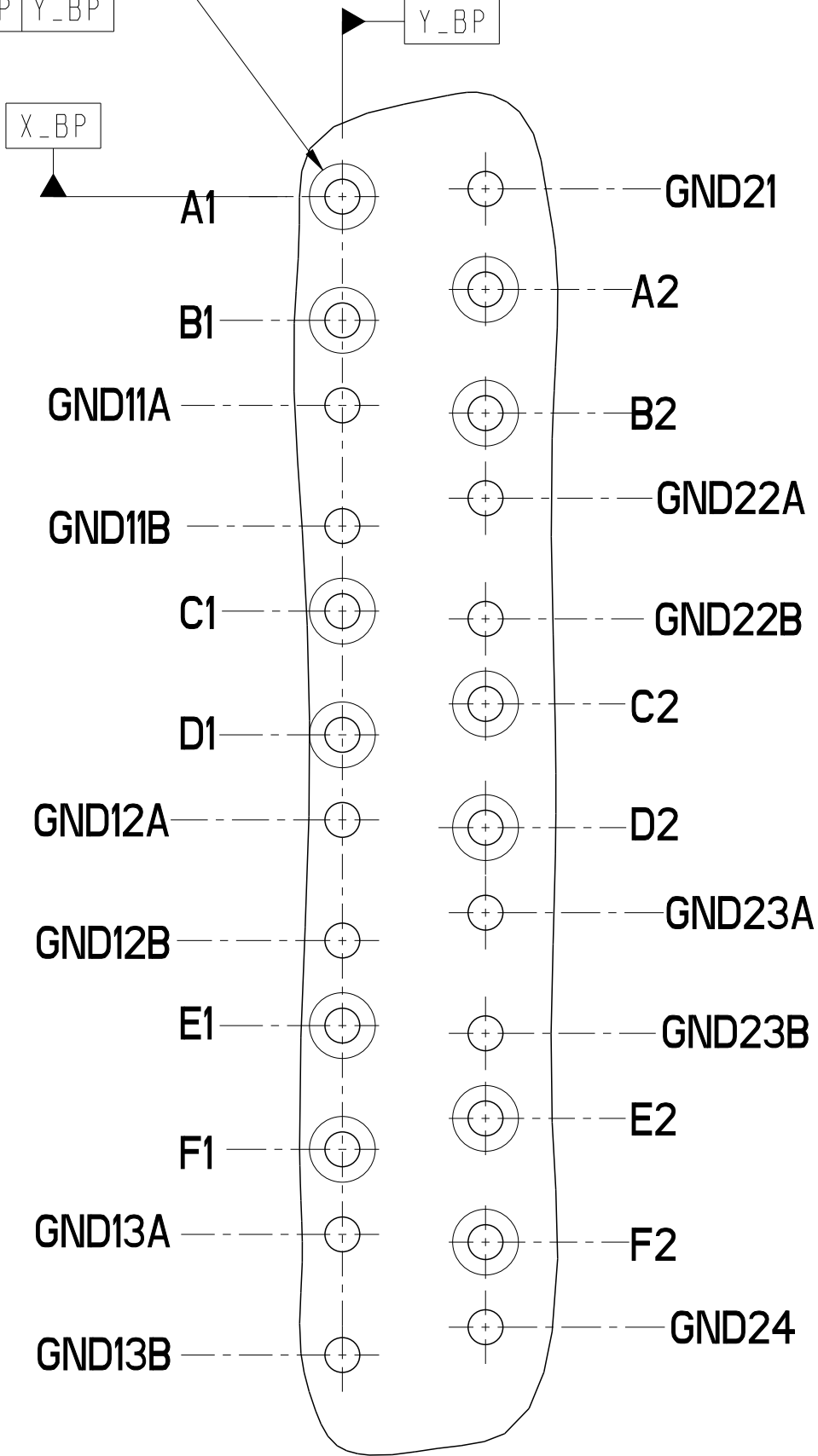
PRESS-FIT TAILS: TIN OVER NICKEL (LF), OR TIN-LEAD ALLOY OVER NICKEL (NON-LF). SEE P/N TREE.
- PRODUCT SPECIFICATION: GS-12-588
- APPLCATION SPECIFICATION: GS-20-121
- PRODUCT MARKING (PART NUMBER AND LOT CODE) ON THESE SURFACES.
- HOUSING MUST WITHSAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 40 SECONDS IN A CONVECTION, INFRA-RED, OR VAPOR-PHASE REFLOW OVEN.
- PACKAGING MEETS GS-14-920 LEAD-FREE LABELING SPECIFICATION.
- NOTCH INDICATES "ROW A" SIDE OF CONNECTOR.
- SEE APPLICATION SPECIFICATION FOR ROUTING GUIDELINES, ADDITIONAL PTH GUIDELINES, MATED DIMENSIONS, GUIDE PN SELECTION, ETC.
- SCREW IS OPTIONAL AND ENGAGES WITH BOTTOM OF GUIDE-PIN FROM BENEATH THE PCB FOR ADDITIONAL GUIDE-PIN SUPPORT.
- OPTINAL HOLE LOCATION FOR GROUNDED PIN OR ADDITIONAL GUIDE-PIN SUPPORT. SEE TABLE 1 ON SHEET 1 FOR ADDITIONAL DETAILS.
- TAIL LENGTH=1.3mm FOR $\varnothing 0.55[0.0217"]$ COMPLIANT PIN DRILL
TAIL LENGTH=1.5mm FOR $\varnothing 0.45[0.0177"]$ COMPLIANT PIN DRILL

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

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

REFER TO TABLE 3
FOR PTH, DRILL & PAD SIZES

$\varnothing$	$\varnothing 0.10$	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					



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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