

A	10113949 - XXE - XOXL F									
	LEAD-FREE DESIGNATION ONLY WITH APPLICABLE PLATING CODES									
B	8-COLUMN DIFFERENTIAL SIGNAL									
	0: GENERAL LABEL E: CUSTOMIZED LABEL									
C	0 (ZERO)									
	L									
D	M									
	1									
E	LEFT POLARIZING GUIDANCE MODULE (SEE SHEET 3)									
	RIGHT POLARIZING GUIDANCE MODULE (SEE SHEET 4)									
F	OPEN MODULE (TWO WALL) (SEE SHEET 2)									
	LEFT WALL MODULE (SEE SHEET 5)									
	RIGHT WALL MODULE (SEE SHEET 6)									
	FOUR WALL MODULE (SEE SHEET 7)									

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	PIN STYLE, HEIGHT
0	STANDARD GUIDE PIN MACHINED, 25.7mm

NUMBER	CONTACT MATING WIPE LENGTH		COMPLIANT PIN DRILL SIZE
	SIGNAL	WIDE 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"]

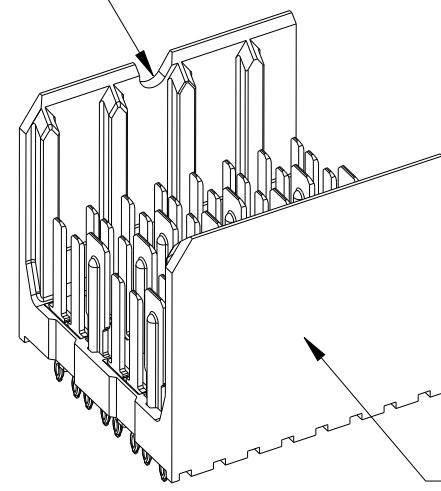
TABLE 1: OPTIONAL PCB HOLE SIZE (SEE NOTE 11)		
	GROUNDED	UNGROUNDED
FINISHED	Ø2.35-2.55	Ø2.35-2.55
PAD	Ø5.50	N/A
PLATED	YES	NO
DRILL (mm/in)	2.58 /.1015	2.44 /.096

TABLE 2: OPTIONAL SCREW TYPE (SEE NOTE 10)		
SCREW P/N	DESCRIPTION	BOARD THICKNESS
10091790-002LF	#2-56 X .375" PHILLIPS PANHEAD W/SQ CONICAL WASHER	1.60 - 5.00
10091790-003LF	#2-56 X .500" PHILLIPS PANHEAD W/SQ CONICAL WASHER	5.00 - 10.00

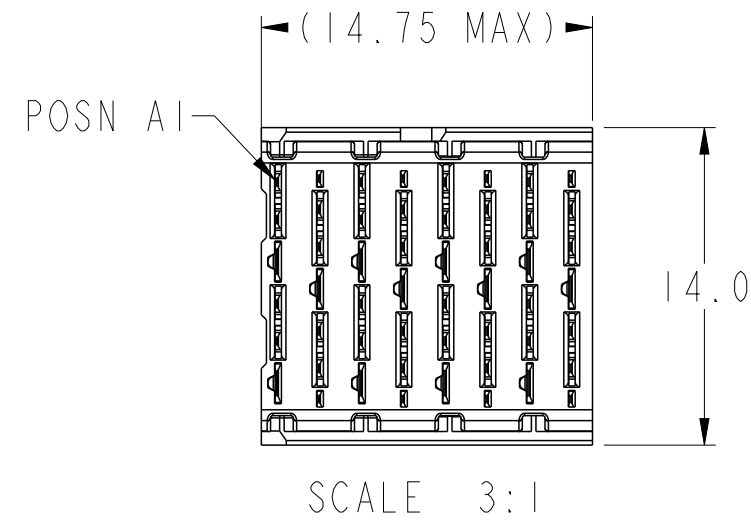
spec ref	SEE NOTES				dr	Kok-Hoe Lee	2010/06/25	projection 	MM 	size	A2	scale	6:1		
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED				eng	Michael Song	2017/05/24			ecn no	ELX-DG-27080-1				
ASME Y14.5					chr	Stone Li	2017/06/05			product family	-	rel level	Released		
					appr	Heaven Cen	2017/06/05								
surface	-	linear	0.X ±0.2	±0.10	Amphenol FCI	title	MODULE ASSEMBLY VERTICAL HEADER, 8-COLUMN, 2-PAIR				dwg no	10113949		rev	H
			0.XX ±0.10												
ASME Y14.5		angular	0° ±°												
cat. no.						SEE P/N TREE		Product - Customer Drw						sheet 1 of 8	

OPEN (2-WALL) MODULE

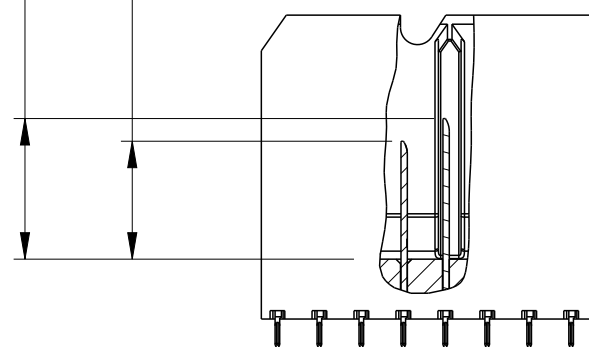
SEE NOTE 8



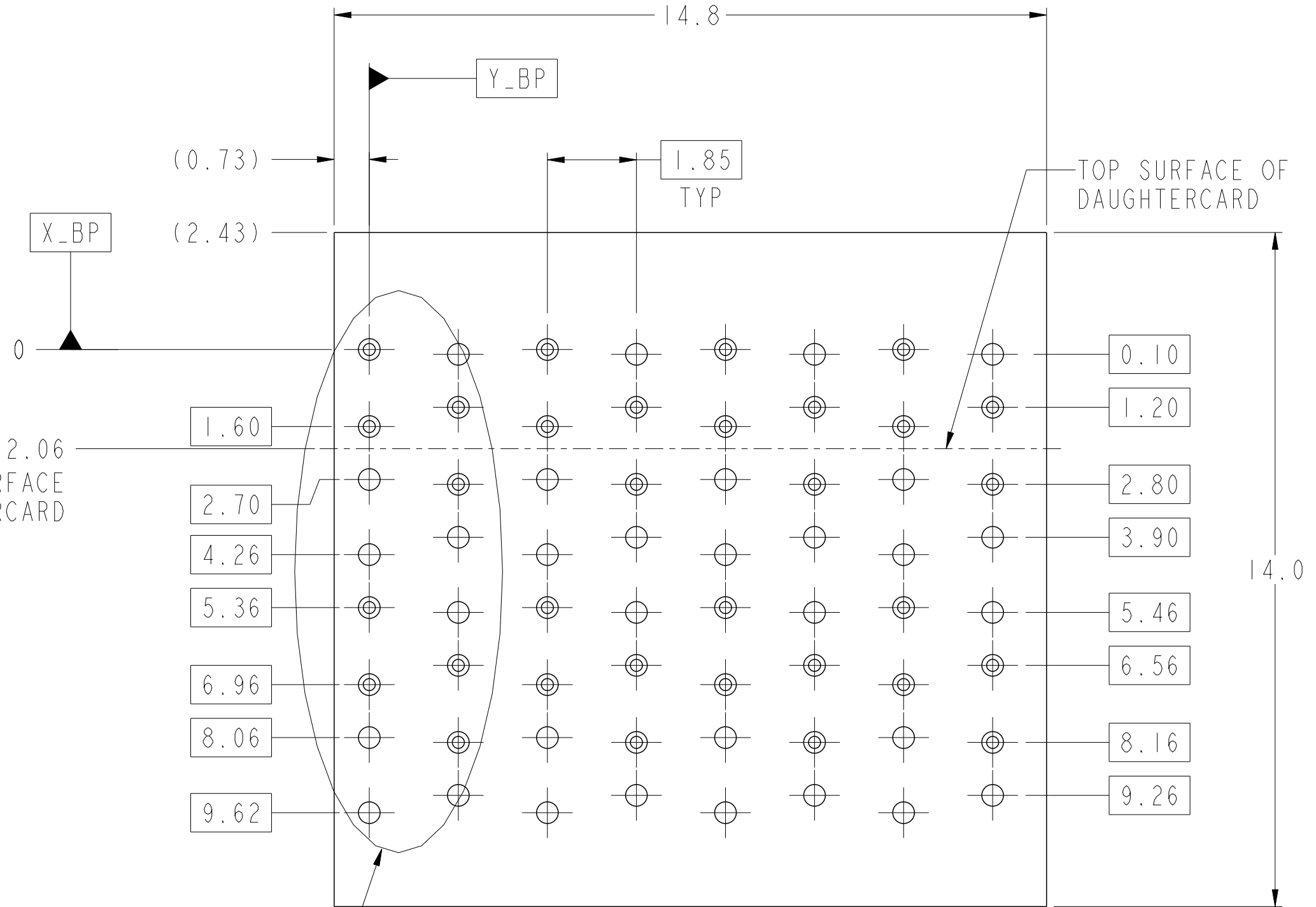
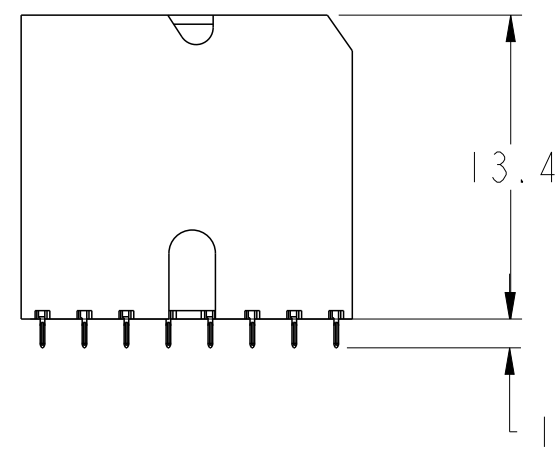
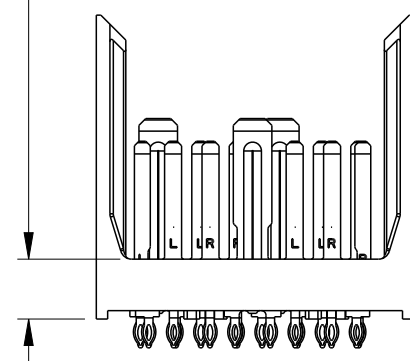
SEE NOTE 5



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 FOR
ALL COMBINATIONS AVAILABLE)



2.64±0.10 FROM STANDOFF
SURFACE TO MATING SURFACE

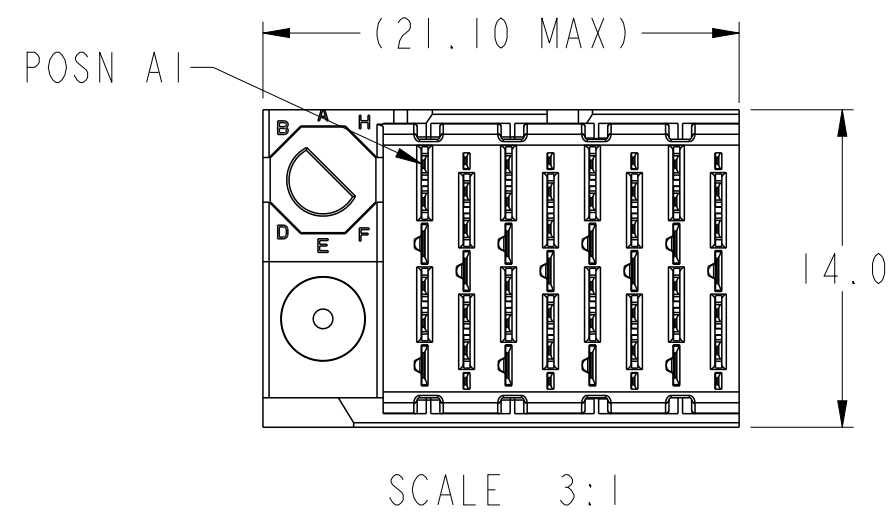
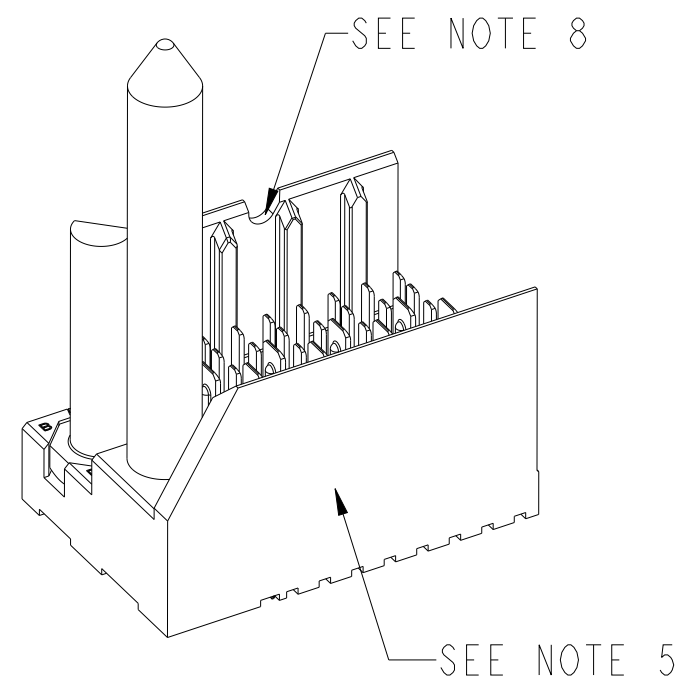


SEE DETAIL A
(SHEET 8)

PCB HOLE PATTERN
COMPONENT SIDE
SCALE 10:1

spec ref		SEE NOTES		dr		Kok-Hoe Lee		2010/06/25		projection		MM		size		A2		scale		6:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Michael Song		2017/05/24						ecn no		ELX-DG-27080-1					
ASME Y14.5				chr		Stone Li		2017/06/05													
				appr		Heaven Cen		2017/06/05													
surface		linear		0.X		±0.2		Amphenol FCI		title		MODULE ASSEMBLY		dwg no		10113949		rev		H	
		0.XX		±0.10																	
		0.XXX		±0.050																	
ASME Y14.5		angular		0°		±°															

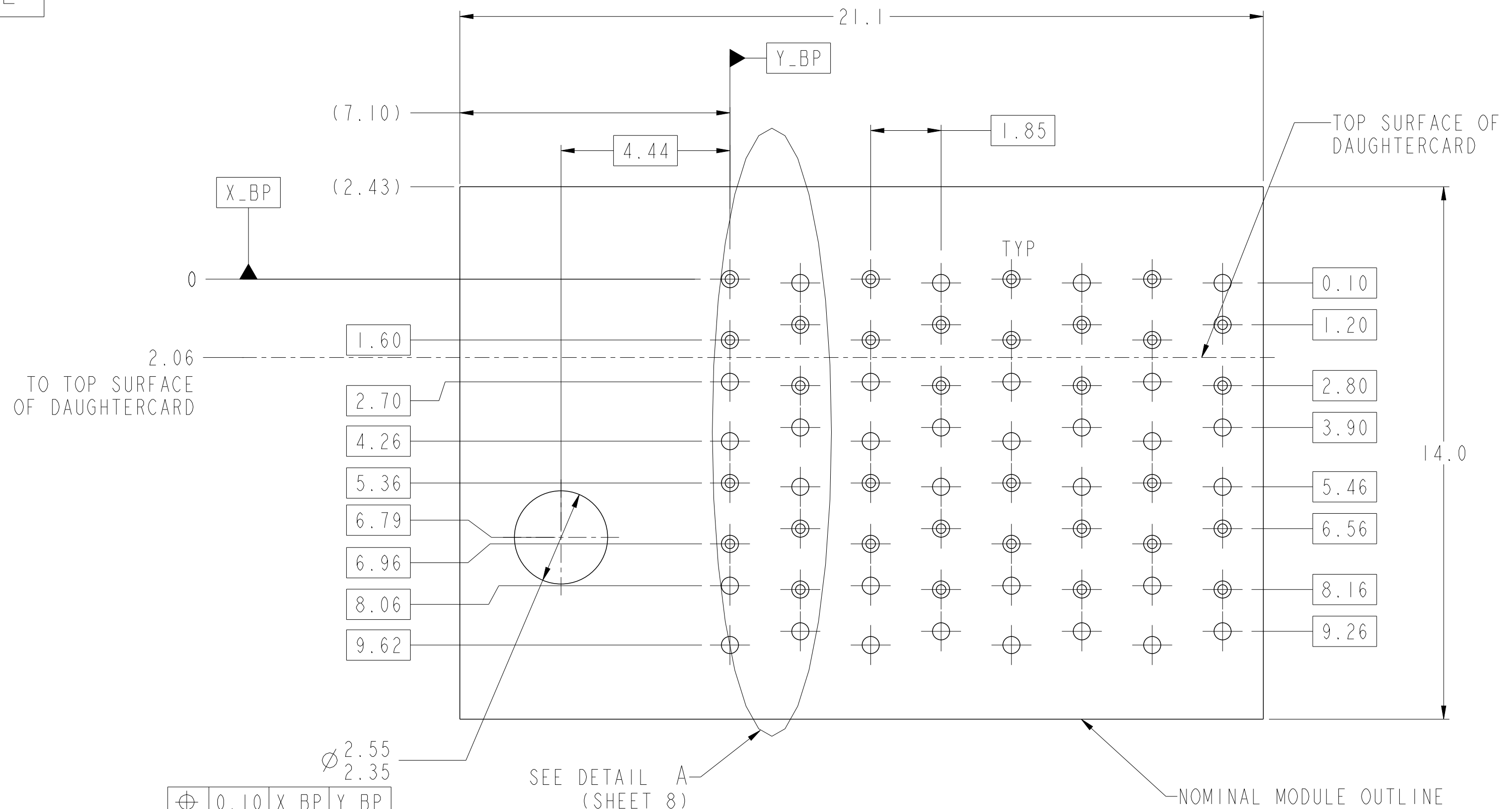
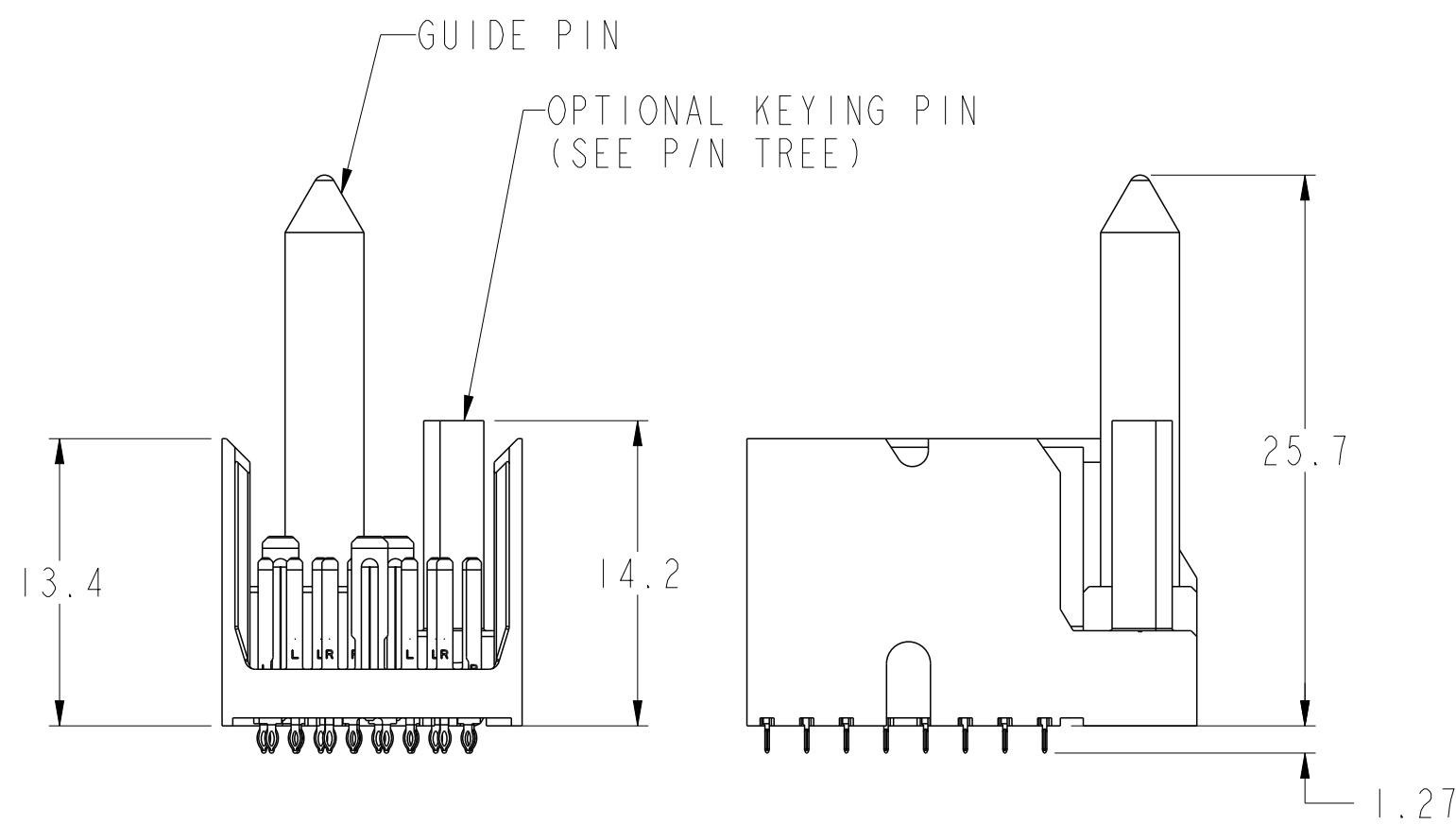
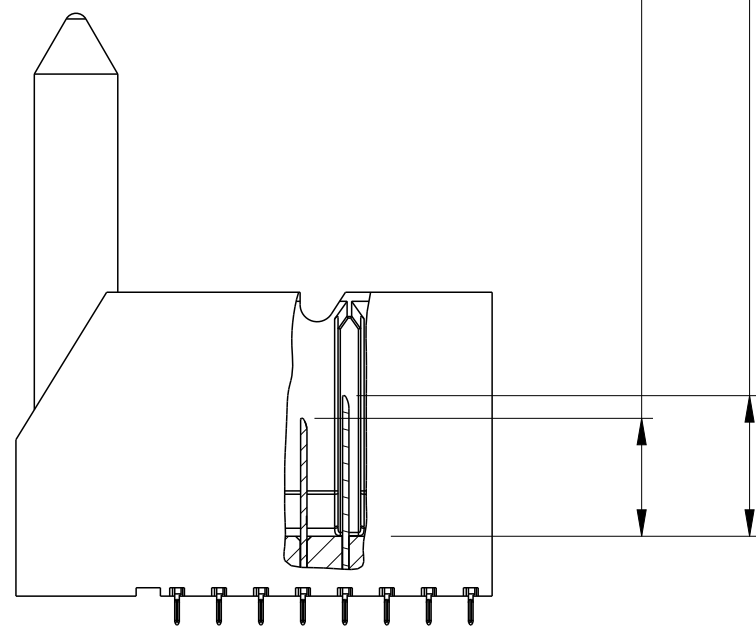
LEFT POLARIZING/GUIDE MODULE



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 FOR
ALL COMBINATIONS AVAILABLE)



0.10	X_BP	Y_BP
------	------	------

SEE NOTE 11 & TABLE 1

spec ref	SEE NOTES	dr	Kok-Hoe Lee	2010/06/25	projection	MM	size	A2	scale	4:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Michael Song	2017/05/24	chr	Stone Li	ecn no	ELX-DG-27080-1	rel level	Released
ASME Y14.5		appr	Heaven Cen	2017/06/05	product family		cat. no.	SEE P/N TREE	Product - Customer Drw	sheet 3 of 8
surface	linear	0.X	±0.2	0.XX	±0.10	0.XXX	±0.050	angular	0°	±°
ASME Y14.5										

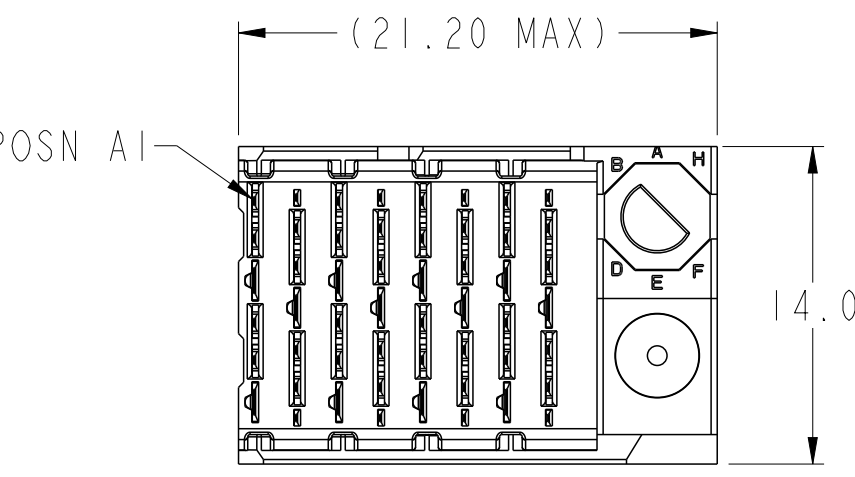
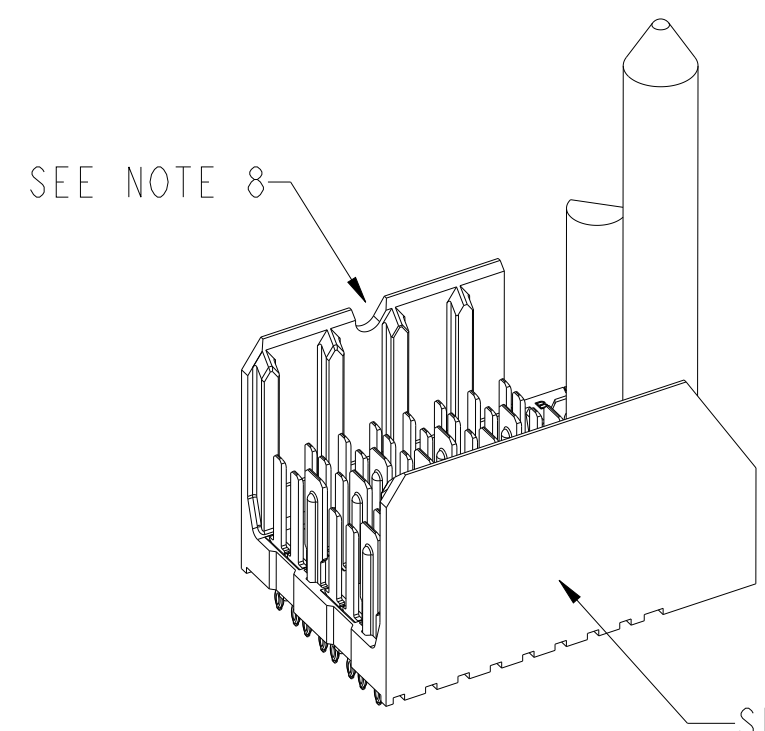
Amphenol FCI	MODULE ASSEMBLY	10113949	H
cat. no.	SEE P/N TREE	Product - Customer Drw	sheet 3 of 8

PDS: Rev :H

STATUS:Released

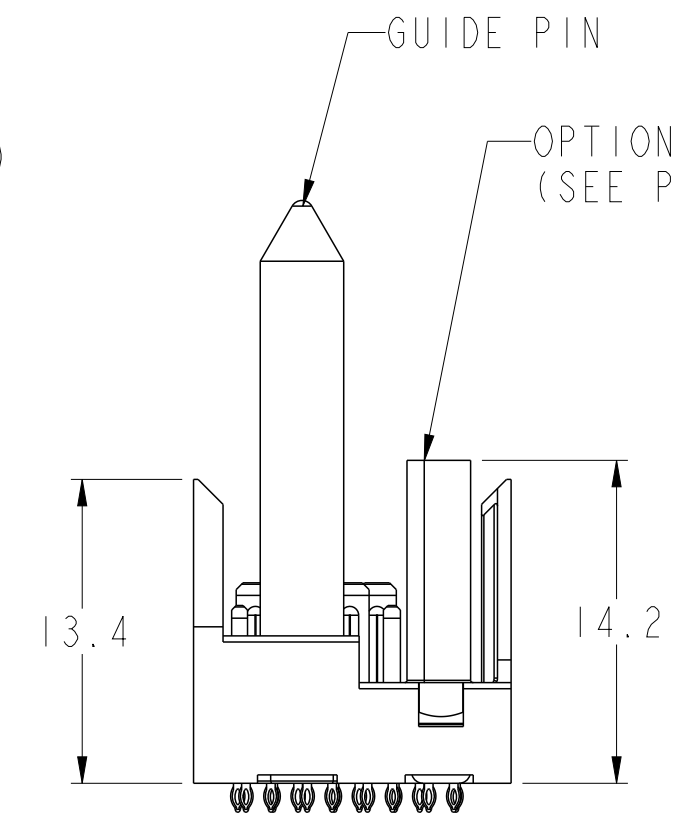
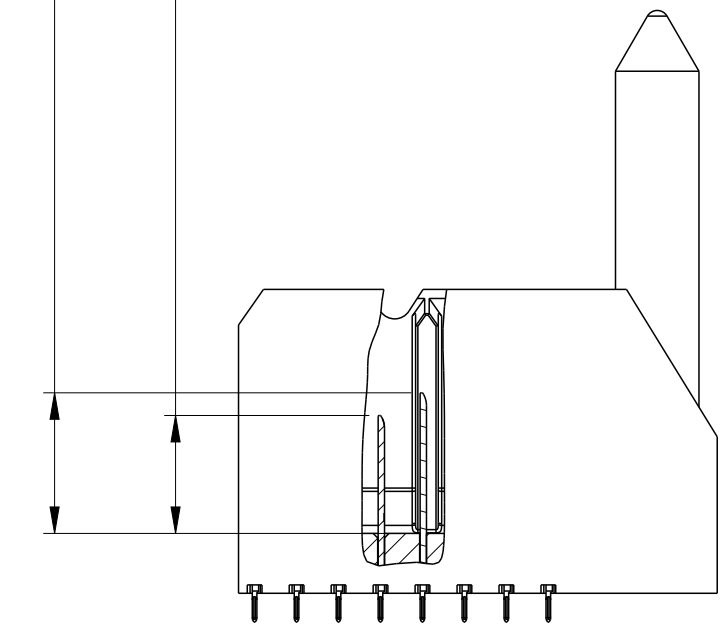
Printed: Jun 05, 2017

RIGHT POLARIZING/GUIDE MODULE

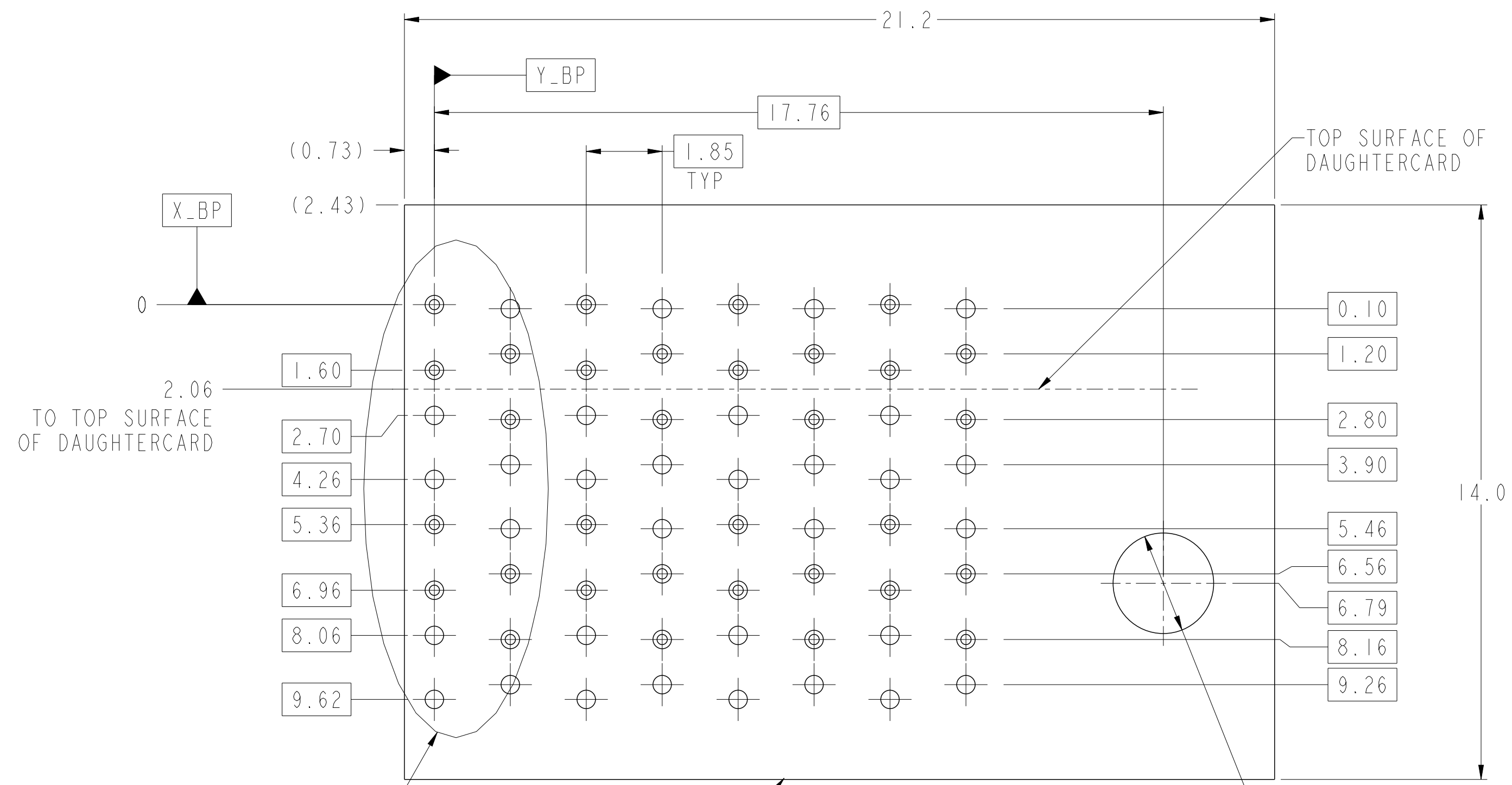
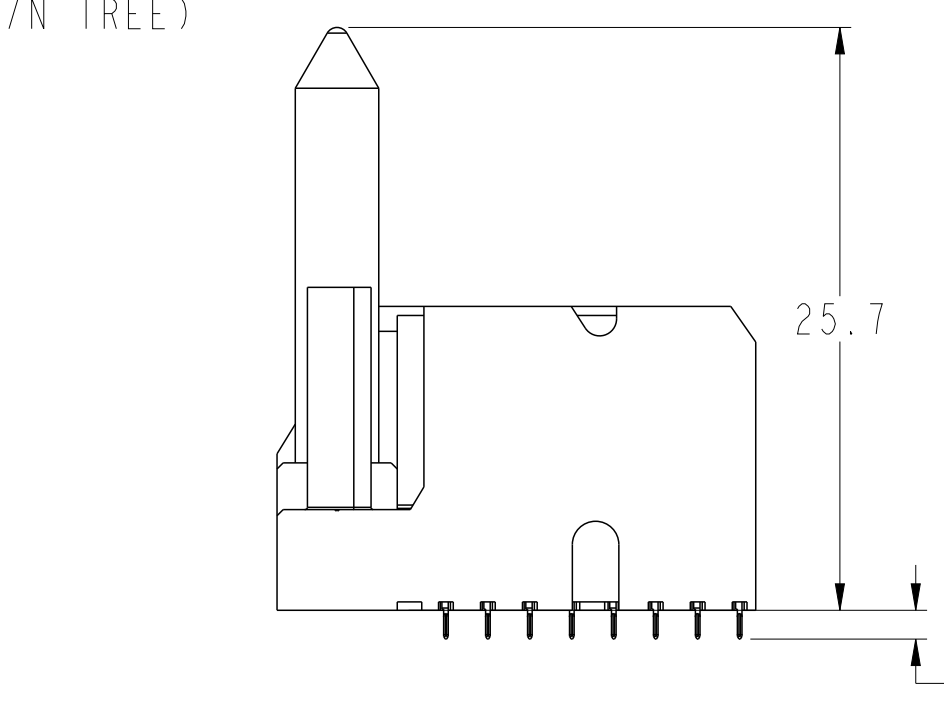


SCALE 3:1

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 FOR ALL COMBINATIONS AVAILABLE)



GUIDE PIN
OPTIONAL KEYING PIN
(SEE P/N TREE)



SEE DETAIL A
(SHEET 8)

PCB HOLE PATTERN
COMPONENT SIDE
SCALE 10:1

ϕ	ϕ 0.10	X_BP	Y_BP
SEE NOTE 11 & TABLE 1			

spec ref		SEE NOTES		dr	Kok-Hoe Lee	2010/06/25	projection	MM	size	scale		
tolerance std				eng	Michael Song	2017/05/24			A2	4:1		
ASME Y14.5		TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Stone Li	2017/06/05			ecn no			
				appr	Heaven Cen	2017/06/05			ELX-DG-27080-1			
							product family	-	rel level			
									Released			
surface		linear	0.X	±0.2	Amphenol FCI	title	MODULE ASSEMBLY		dwg no	10113949	rev	
ASME Y14.5			0.XX	±0.10								
			0.XXX	±0.050								
		angular	0°	±°			cat. no.		SEE P/N TREE		Product - Customer Drw	sheet 4 of 8

PDS: Rev :H

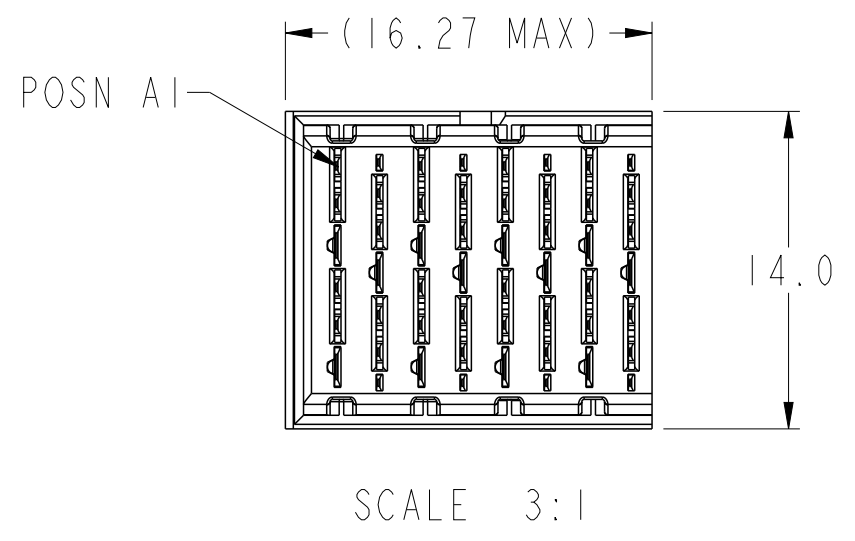
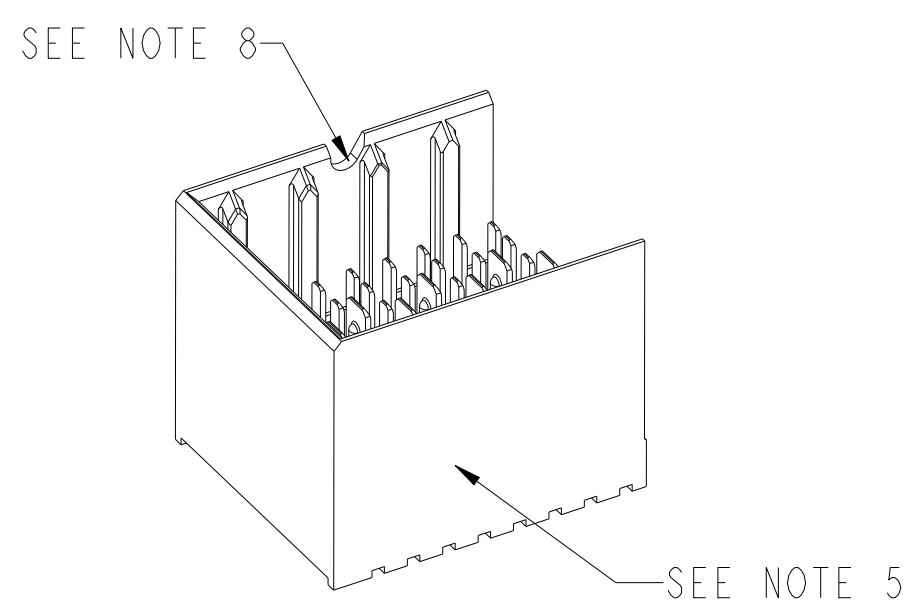
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Printed: Jun 05, 2017

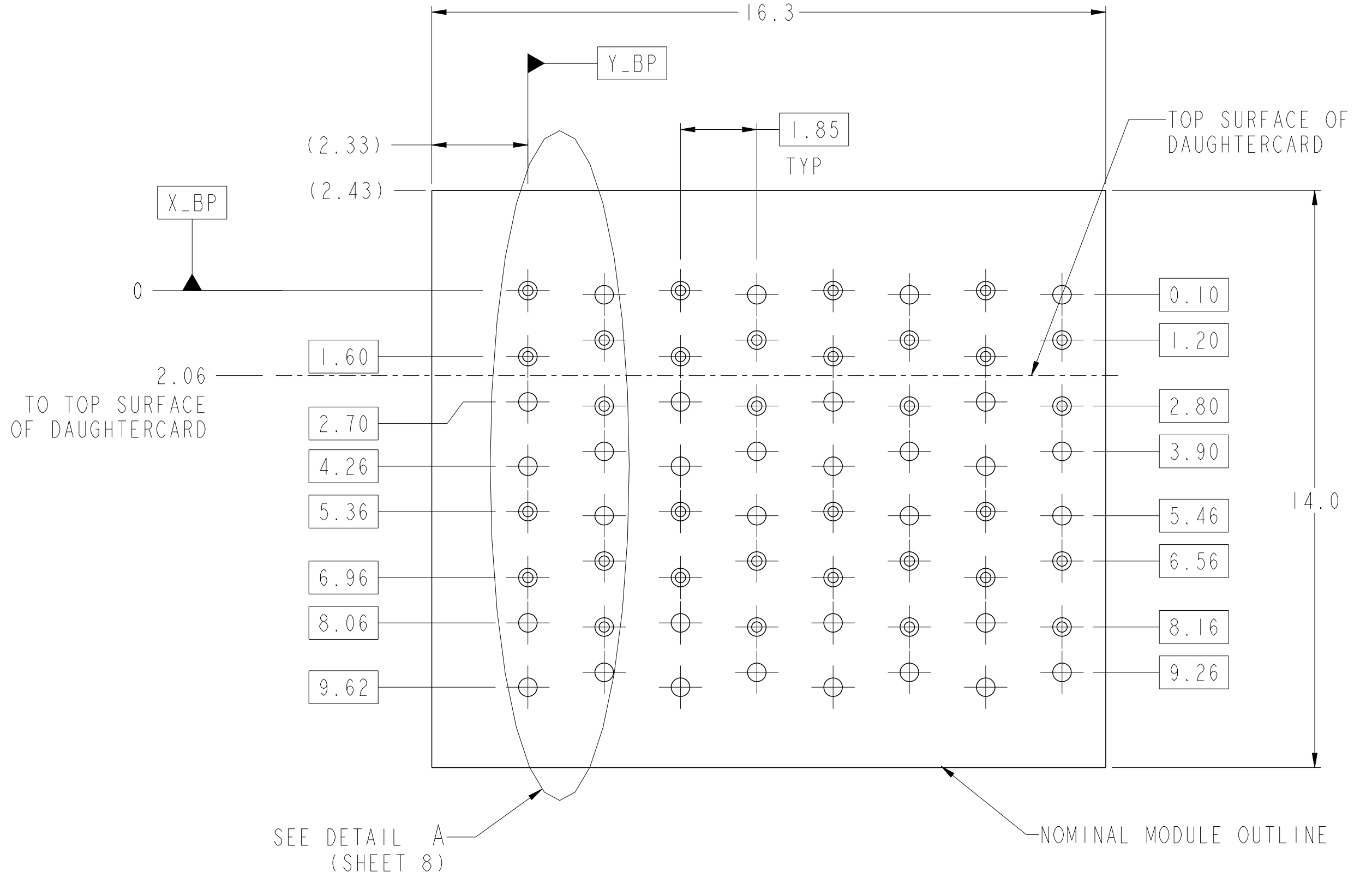
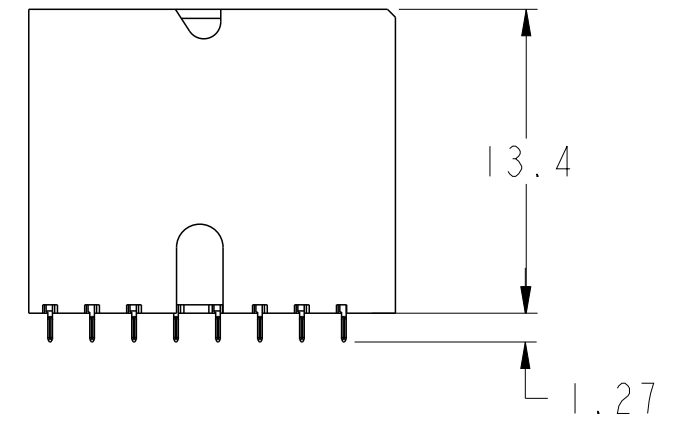
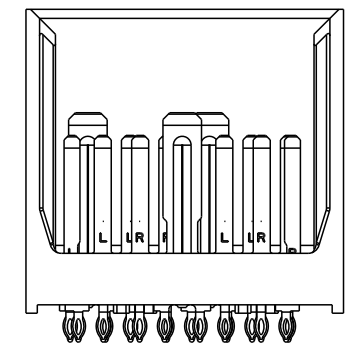
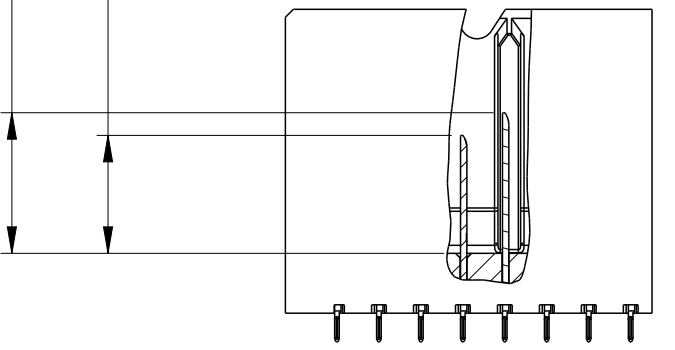
Amphenol FCI

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LEFT WALL MODULE



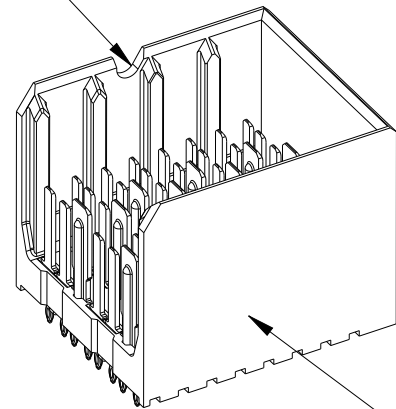
6.2 (4MM WIPE WIDE GROUNDS)
5.2 (3MM WIPE WIDE GROUNDS)
5.2 (3MM SMALL END GROUNDS)
5.2 (3MM WIPE SIGNALS)
4.2 (2MM WIPE SIGNALS)
(SEE P/N TREE FOR ALL COMBINATIONS AVAILABLE)



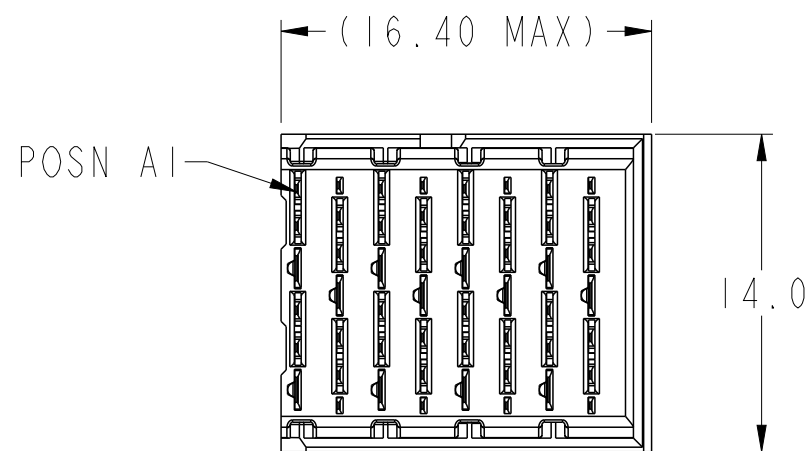
spec ref	SEE NOTES	dr	Kok-Hoe Lee	2010/06/25	projection	MM	size	A2	scale	6:1
tolerance std	ASME Y14.5	eng	Michael Song	2017/05/24	chr	Stone Li	2017/06/05	ecn no	ELX-DG-27080-1	
		appr	Heaven Cen	2017/06/05	product family	-	rel level	Released		
surface	linear	0.X	±0.2	0.XX	±0.10	0.XXX	±0.050	angular	0°	±°
ASME Y14.5										
TOLERANCES UNLESS OTHERWISE SPECIFIED		Amphenol FCI		MODULE ASSEMBLY		VERTICAL HEADER, 8-COLUMN, 2-PAIR		10113949		rev H
		cat. no.		SEE P/N TREE		Product - Customer Drw		sheet 5 of 8		

RIGHT WALL MODULE

SEE NOTE 8



SEE NOTE 5

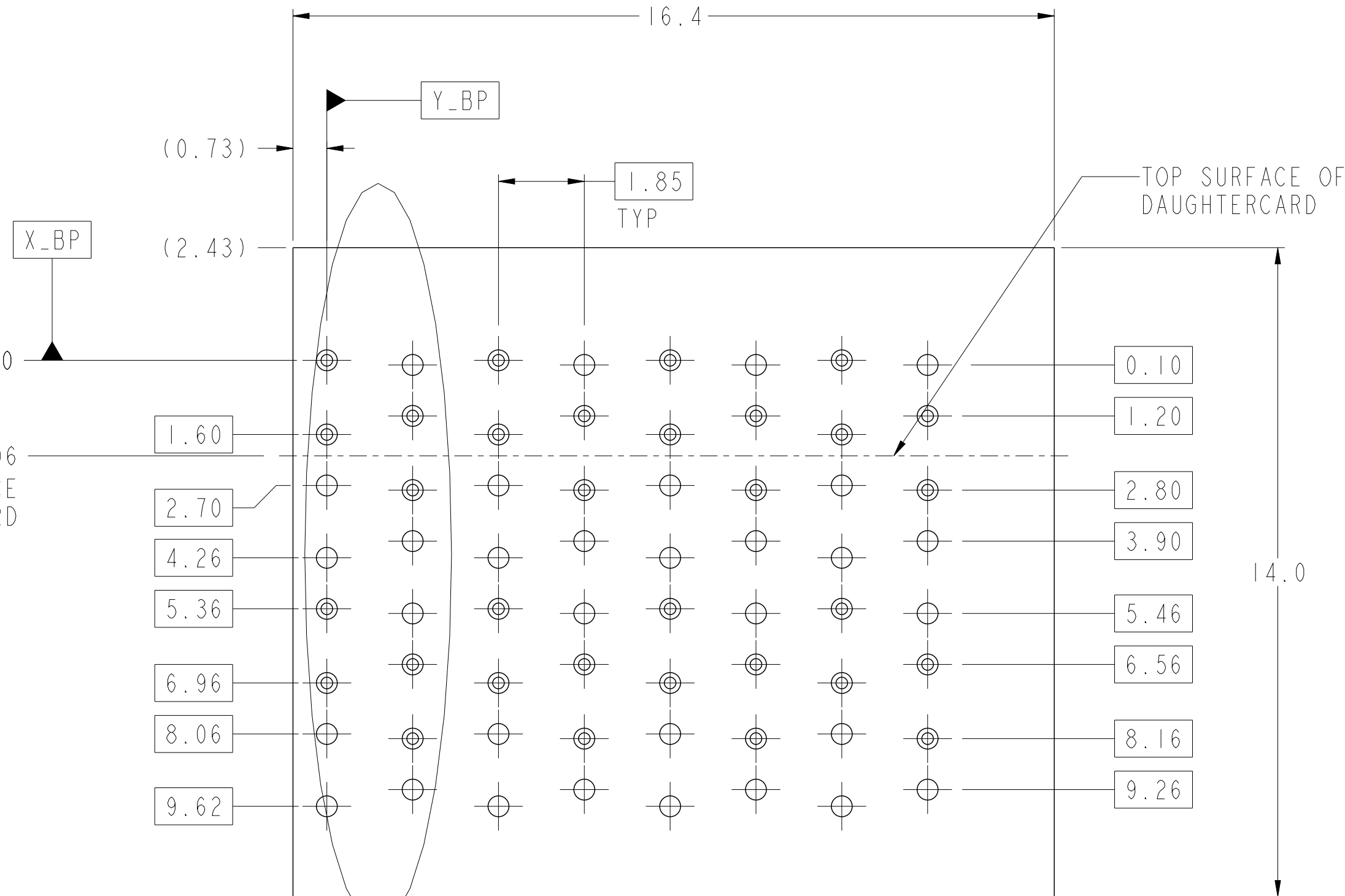
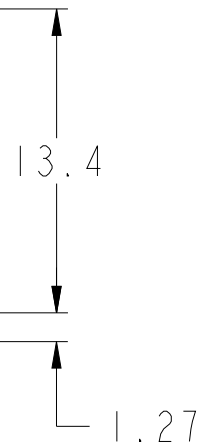
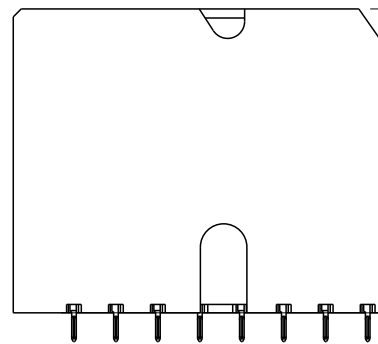
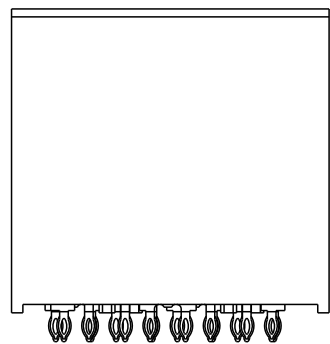
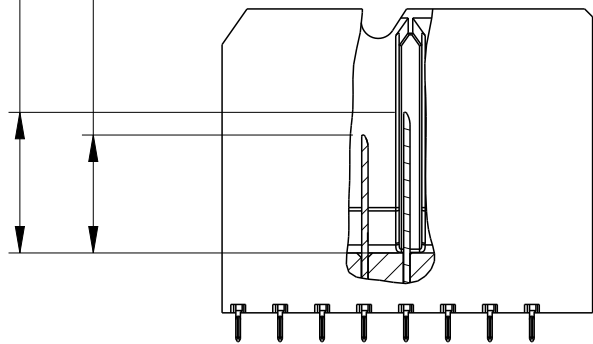


SCALE 3:1

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

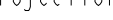
5.2 (3MM SMALL END GROUNDS)
5.2 (3MM WIPE SIGNALS)
4.2 (2MM WIPE SIGNALS)

(SEE P/N TREE FOR
ALL COMBINATIONS AVAILABLE)



SEE DETAIL A
(SHEET 8)

PCB HOLE PATTERN
COMPONENT SIDE
SCALE 10:1

spec ref		SEE NOTES		dr		Kok-Hoe Lee		2010/06/25		projection		MM		size		A2		scale		6:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Michael Song		2017/05/24						ecn no		ELX-DG-27080-1		rel level		Released	
ASME Y14.5				chr		Stone Li		2017/06/05						product family		-					
		appr		Heaven Cen		2017/06/05															
surface		linear		0.X		±0.2		Amphenol FCI		title		MODULE ASSEMBLY		dwg no		10113949		rev		H	
		0.XX		±0.10																	
		0.XXX		±0.050																	
ASME Y14.5		angular		0°		±0°				cat. no.		SEE P/N TREE		Product - Customer Drw		sheet 6 of 8					

PDS: Rev :H

STATUS:Released

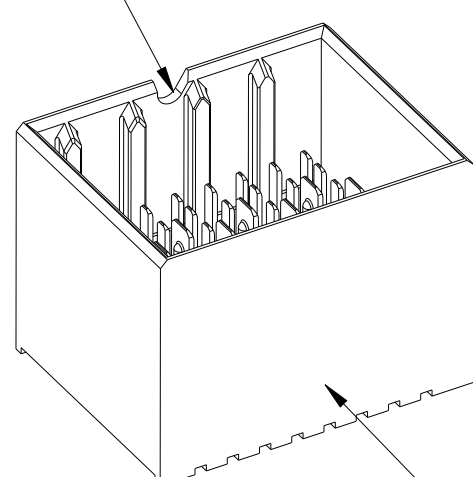
Printed: Jun 05, 2017

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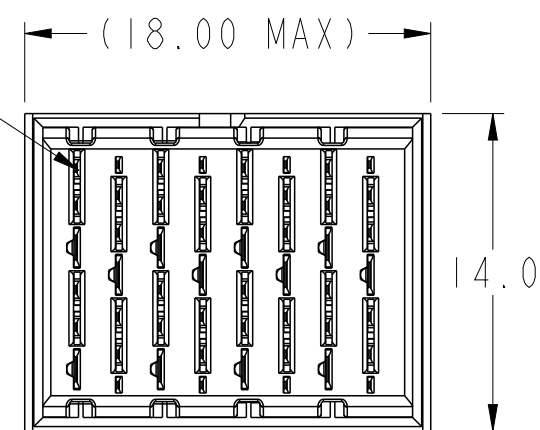
FOUR WALL MODULE

SEE NOTE 8



SEE NOTE 5

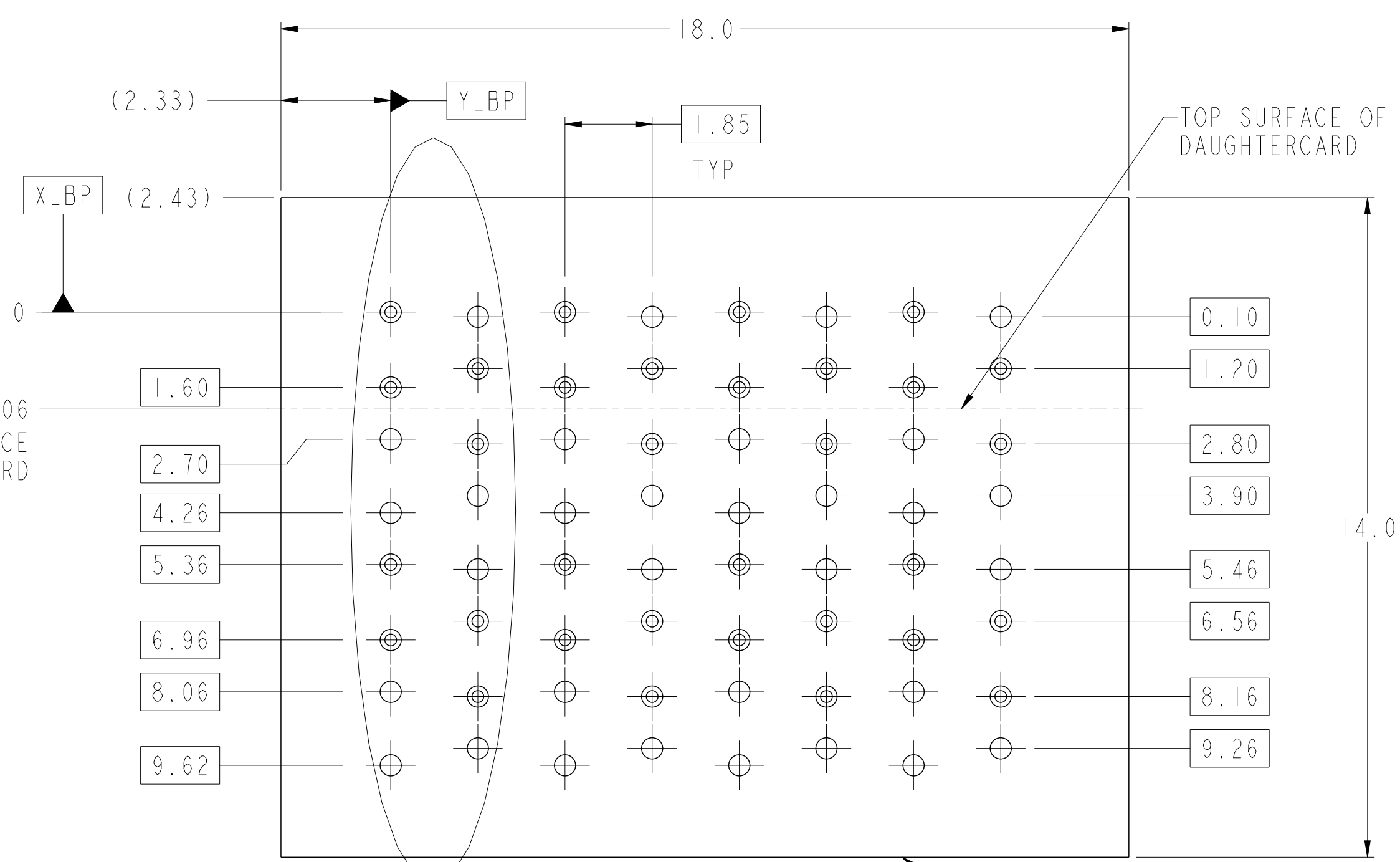
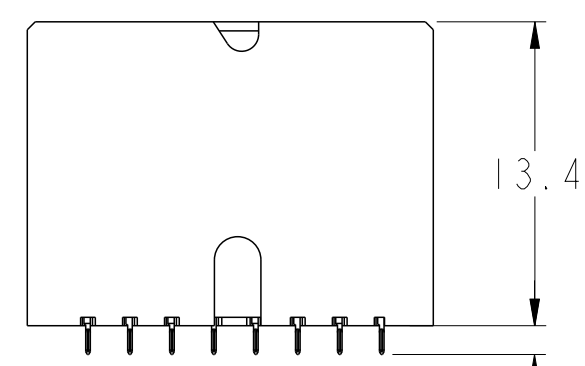
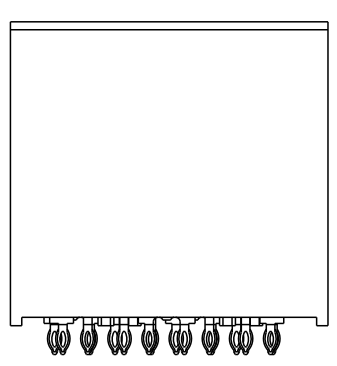
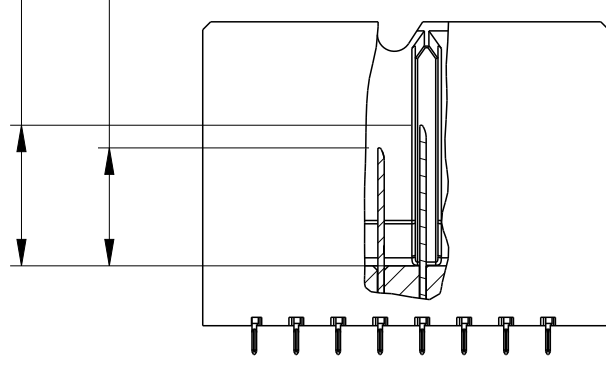
POSN A1



SCALE 3:1

- 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 FOR ALL COMBINATIONS AVAILABLE)



SEE DETAIL A (SHEET 8)

PCB HOLE PATTERN
COMPONENT SIDE
SCALE 10:1

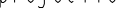
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tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng		Michael Song		2017/05/24						ecn no		ELX-DG-27080-1												
ASME Y14.5					chr		Stone Li		2017/06/05						rel level		Released												
					appr		Heaven Cen		2017/06/05						product family		-												
surface		linear		0.X		±0.2		Amphenol FCI		title		MODULE ASSEMBLY										dwg no		10113949		rev		H	
				0.XX		±0.10																							
				0.XXX		±0.050																							
ASME Y14.5		angular		0°		±°						cat. no.		SEE P/N TREE		Product-		Customer		Drw		sheet 7 of 8							

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

COMPLIANT PIN DRILL	PTH	PAD
Ø 0.55 [0.0217"]	Ø 0.45±0.05	Ø 0.85
Ø 0.45 [0.0177"]	Ø 0.36±0.05	Ø 0.75

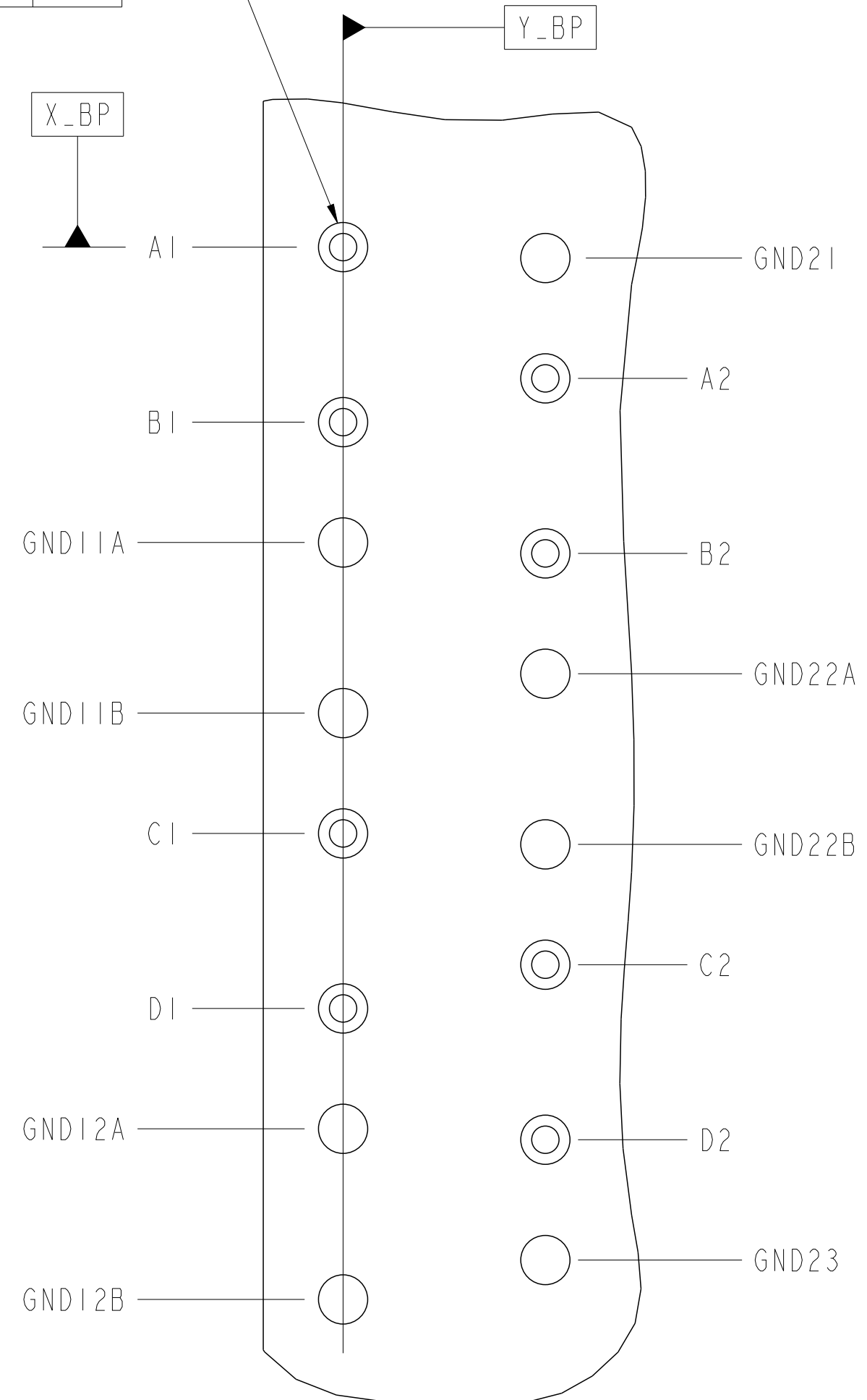
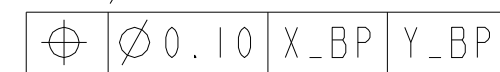
NOTES:

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

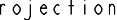
SEPARABLE INTERFACE: PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-588, INCLUDING TELCORDIA GR-1217-CORE (NOVEMBER 1995) CENTRAL OFFICE (CO) OR UNCONTROLLED ENVIRONMENT (UE) TEST SEQUENCE AS NOTED IN P/N TREE.

PRESS-FIT TAILS: TIN OVER NICKEL, OR TIN-LEAD ALLOY OVER NICKEL. SEE P/N TREE.
3. PRODUCT SPECIFICATION: GS-12-588
4. APPLICATION SPECIFICATION: GS-20-121
5. PRODUCT MARKING (PART NUMBER AND LOT CODE) ON THESE SURFACES.
6. HOUSING MUST WITHSTAND 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. OPTIONAL HOLE LOCATION FOR GROUNDED PIN OR ADDITIONAL GUIDE-PIN SUPPORT. SEE TABLE I ON SHEET 1 FOR ADDITIONAL DETAILS.

REFER TABLE 3-
FOR PTH, DRILL & PAD SIZES



DETAIL A
SCALE 20:1

spec ref	SEE NOTES		dr	Kok-Hoe Lee	2010/06/25	projection 	MM 	size	A2	scale	6:1		
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Michael Song	2017/05/24			ecn no	ELX-DG-27080-1				
ASME Y14.5			chr	Stone Li	2017/06/05			product family	XCede				
			appr	Heaven Cen	2017/06/05			rel level	Released				
surface	linear 	0.X	±0.2	Amphenol FCI	title	MODULE ASSEMBLY VERTICAL HEADER, 8-COLUMN, 2-PAIR			dwg no	10113949		rev	H
		0.XX	±0.10										
ASME Y14.5		0.XXX	±0.050										
	angular	0°	±0°	www.fci.com		cat. no.	SEE P/N TREE	Product - Customer Drw			sheet 8 of 8		



**Стандарт
Электрон
Связь**

Мы молодая и активно развивающаяся компания в области поставок электронных компонентов. Мы поставляем электронные компоненты отечественного и импортного производства напрямую от производителей и с крупнейших складов мира.

Благодаря сотрудничеству с мировыми поставщиками мы осуществляем комплексные и плановые поставки широчайшего спектра электронных компонентов.

Собственная эффективная логистика и склад в обеспечивает надежную поставку продукции в точно указанные сроки по всей России.

Мы осуществляем техническую поддержку нашим клиентам и предпродажную проверку качества продукции. На все поставляемые продукты мы предоставляем гарантию .

Осуществляем поставки продукции под контролем ВП МО РФ на предприятия военно-промышленного комплекса России , а также работаем в рамках 275 ФЗ с открытием отдельных счетов в уполномоченном банке. Система менеджмента качества компании соответствует требованиям ГОСТ ISO 9001.

Минимальные сроки поставки, гибкие цены, неограниченный ассортимент и индивидуальный подход к клиентам являются основой для выстраивания долгосрочного и эффективного сотрудничества с предприятиями радиоэлектронной промышленности, предприятиями ВПК и научно-исследовательскими институтами России.

С нами вы становитесь еще успешнее!

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