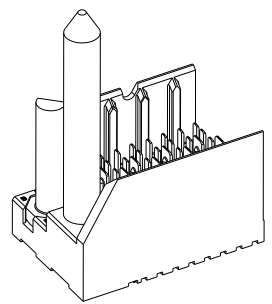
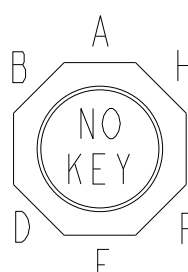
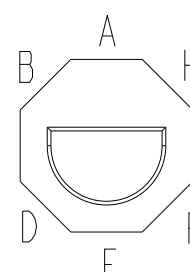
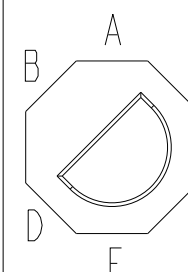
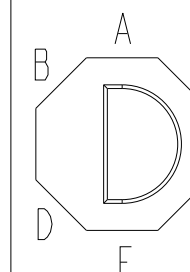
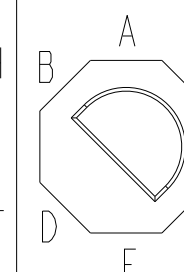
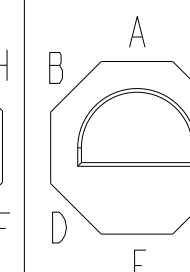
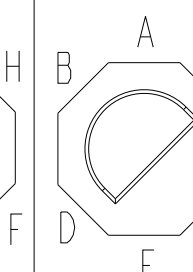
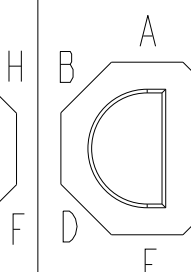
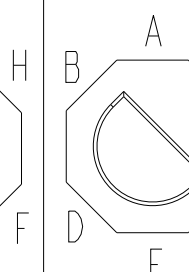
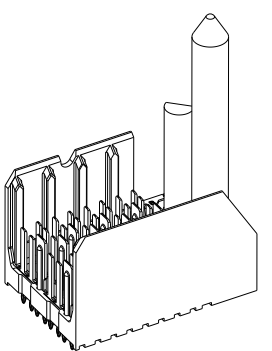
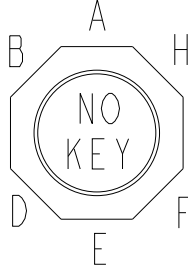
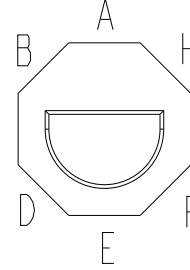
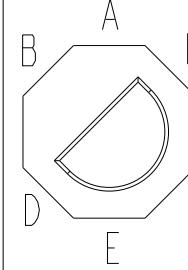
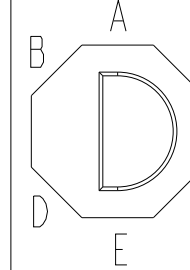
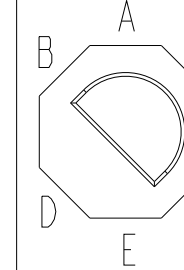
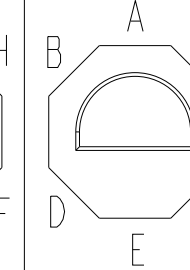
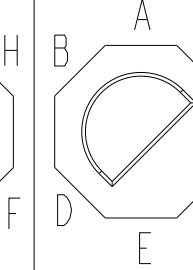
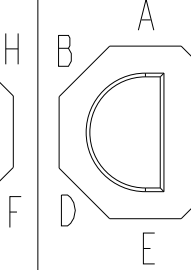
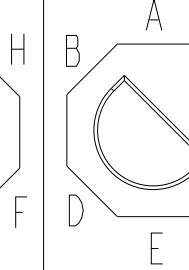
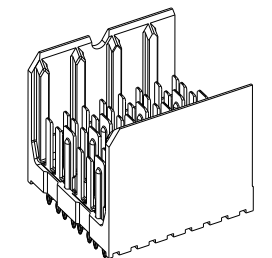
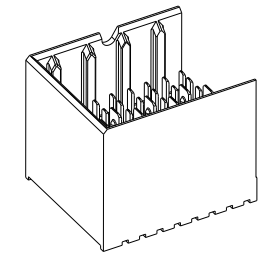
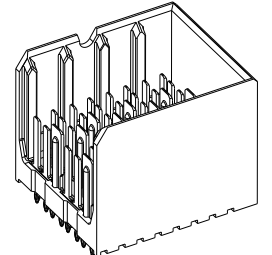
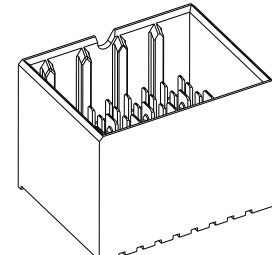
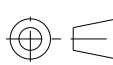
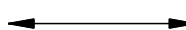
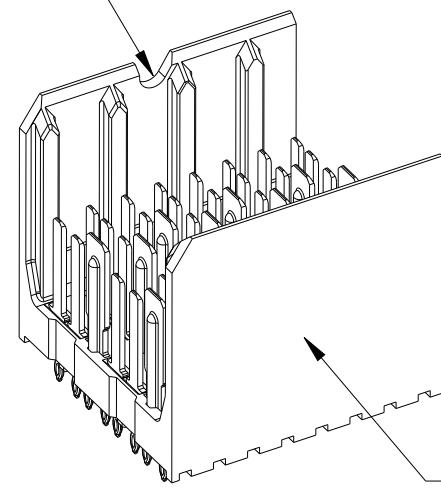


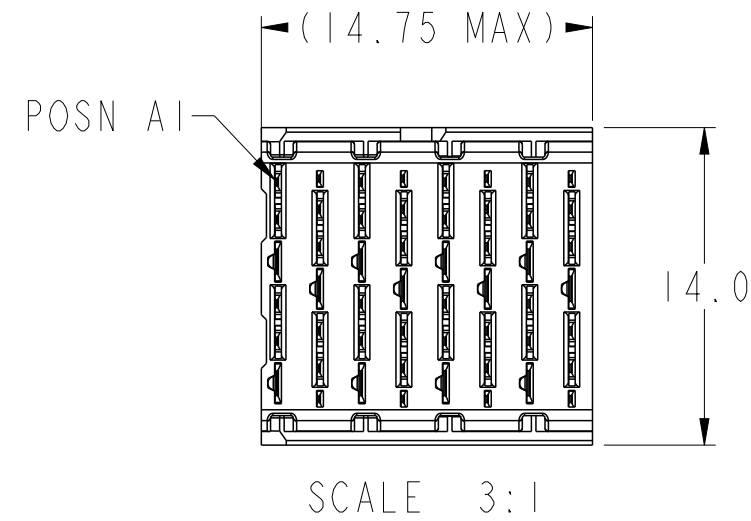
10113949 - XXE - XOXL										LETTER	PERFORMANCE-BASED PLATING (SEE NOTE 2)										
											TARGET APPLICATION	LEAD FREE (LF)									
										B	TELCORDIA CO	NO									
										C	TELCORDIA UE	NO									
										D	TELCORDIA CO	YES									
										E	TELCORDIA UE	YES									
										NUMBER		PIN STYLE, HEIGHT									
										0		STANDARD GUIDE PIN MACHINED, 25.7mm									
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)	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							
												appr	Heaven Cen	2017/06/05							
surface										linear	0.X	±0.2	Amphenol FCI	title	MODULE ASSEMBLY	cat. no.	SEE P/N TREE	Product - Customer Drw	sheet 1 of 8		
											0.XX	±0.10									
ASME Y14.5										angular	0°	±°								0.XXX	±0.050
																				10113949	

OPEN (2-WALL) MODULE

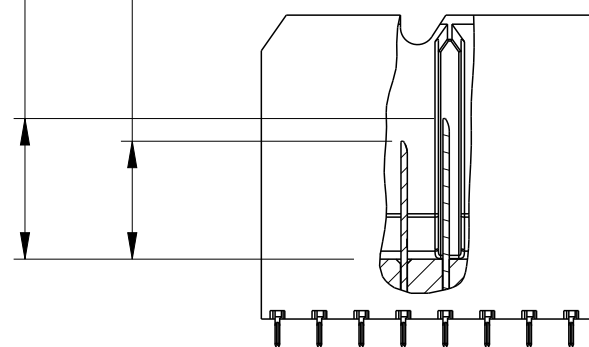
SEE NOTE 8



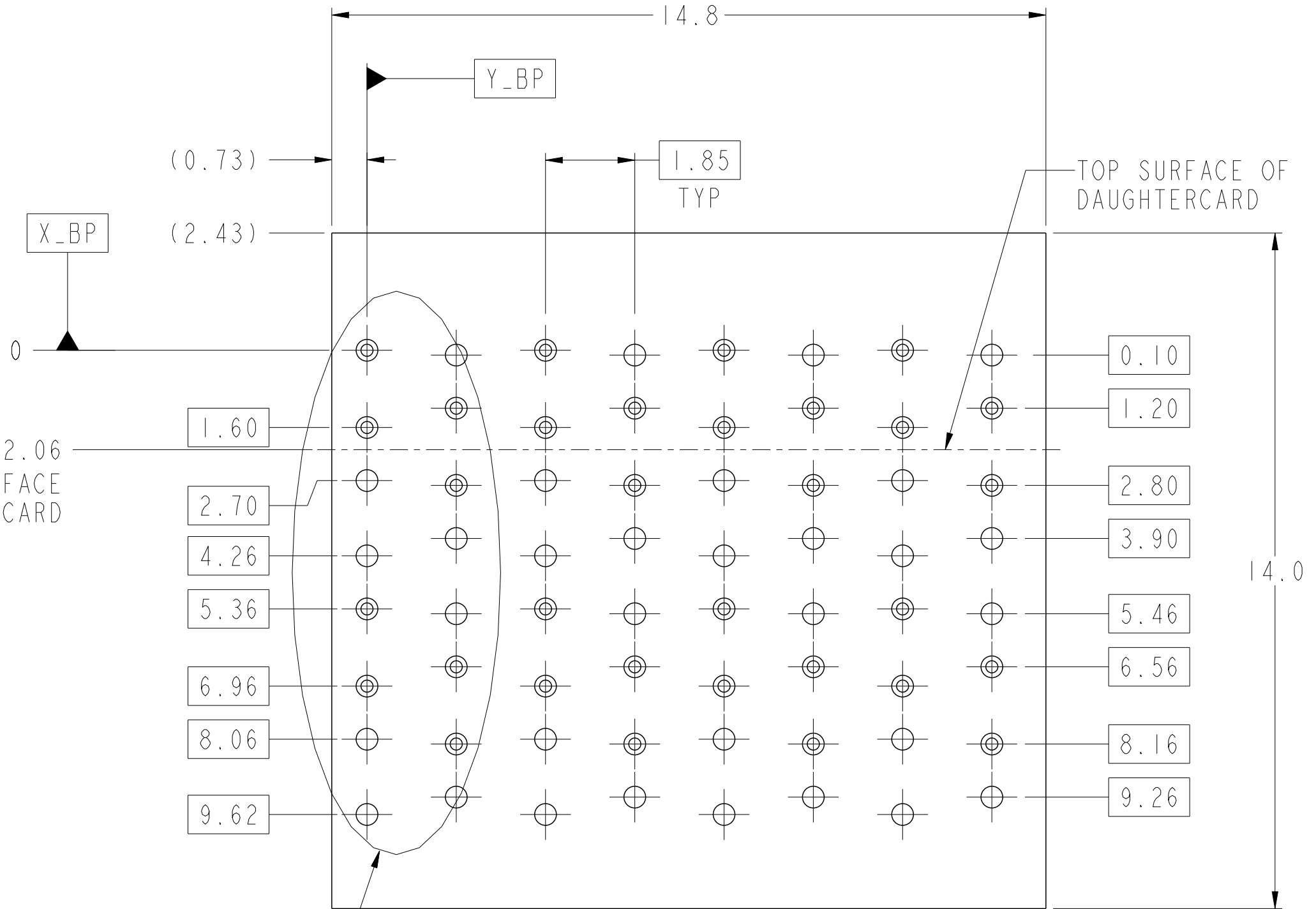
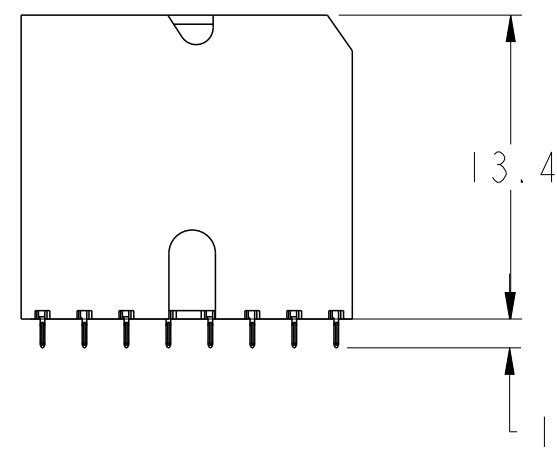
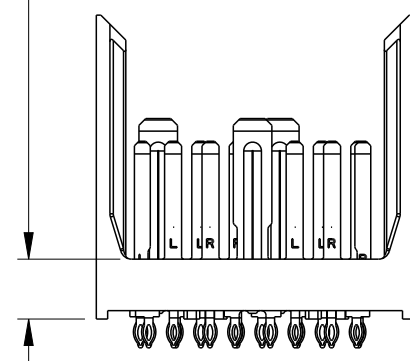
SEE NOTE 5



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)

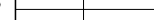


2.64±0.10 FROM STANDOFF
SURFACE TO MATING SURFACE



SEE DETAIL A
(SHEET 8)

PCB HOLE PATTERN
COMPONENT SIDE
SCALE 10:1

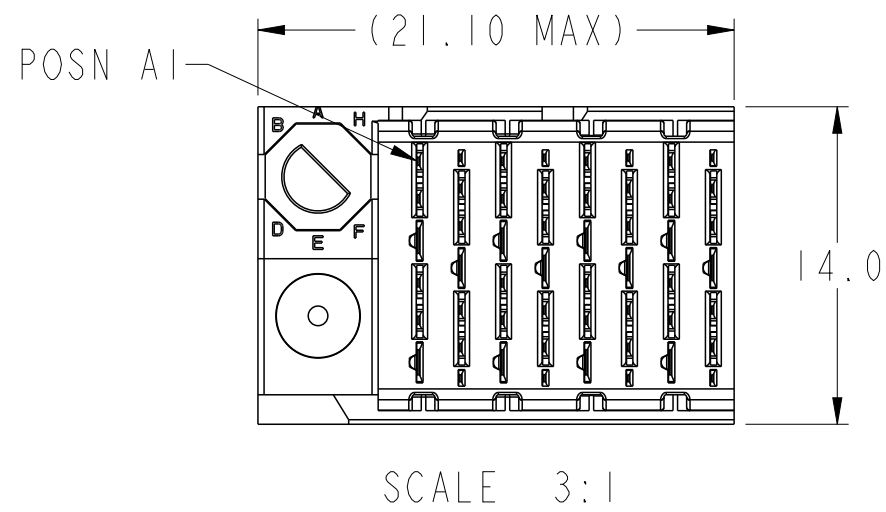
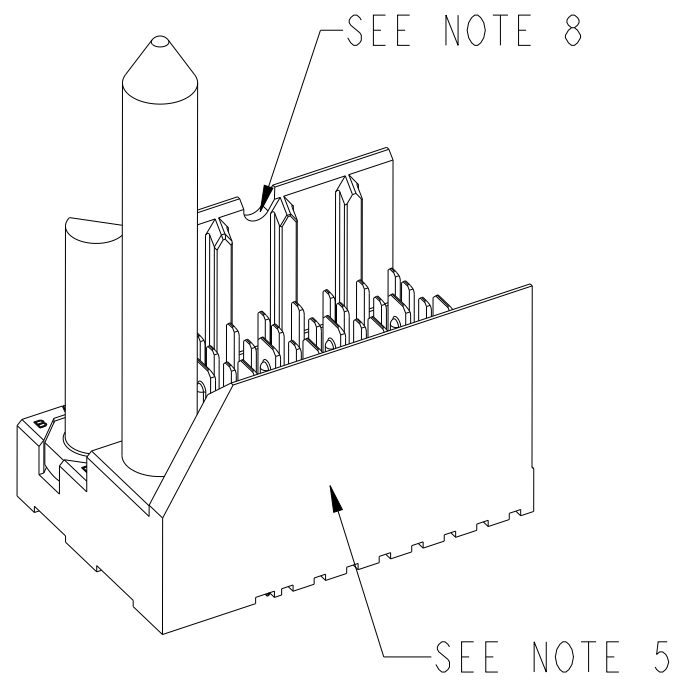
spec ref		SEE NOTES		dr		Kok-Hoe Lee		2010/06/25		projection				MM		size		A2		scale		6:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Michael Song		2017/05/24				ecn no		ELX-DG-27080-1		rel level		Released					
ASME Y14.5				chr		Stone Li		2017/06/05						-									
		appr		Heaven Cen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

PDS: Rev :H

STATUS:Released

Printed: Jun 05, 2017

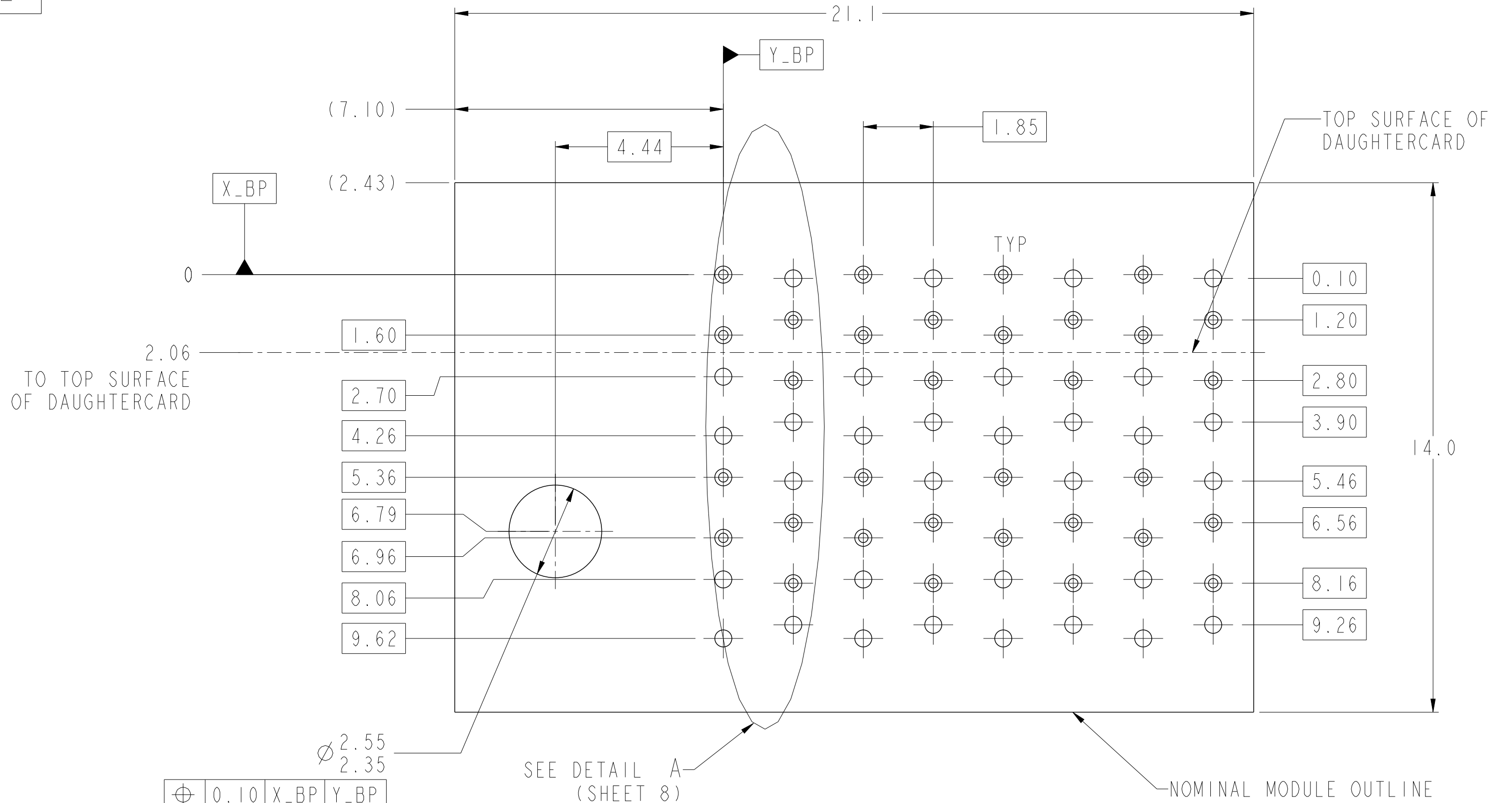
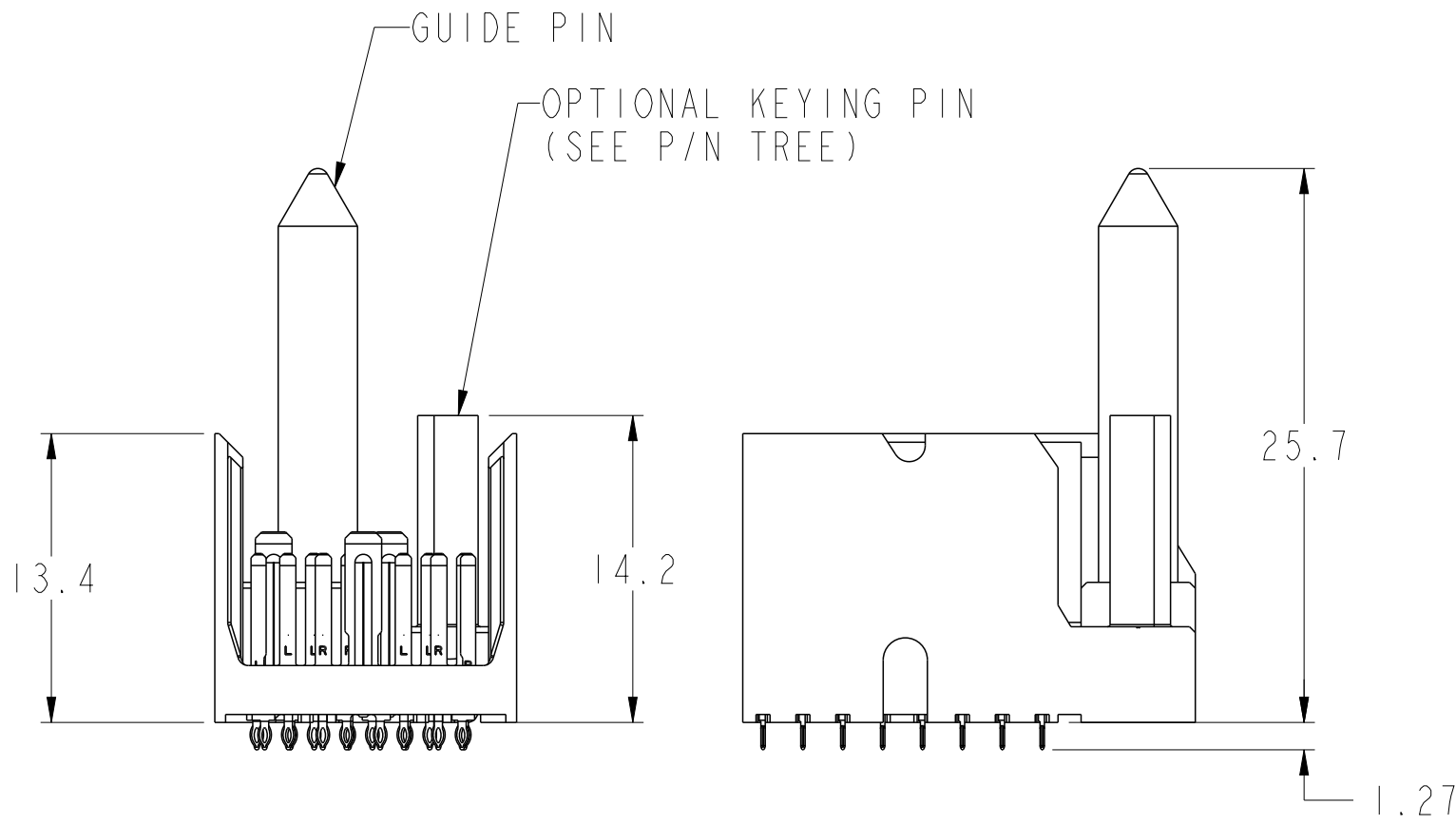
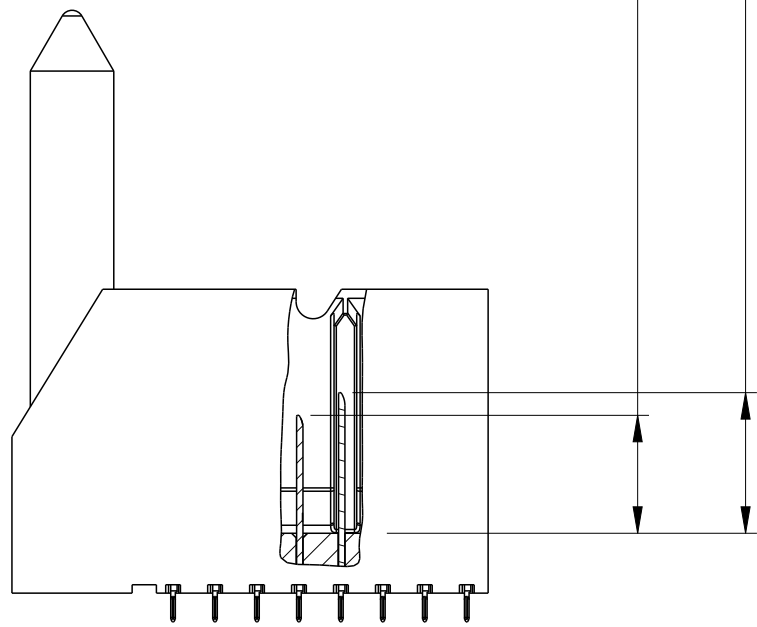
LEFT POLARIZING/GUIDE MODULE



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)

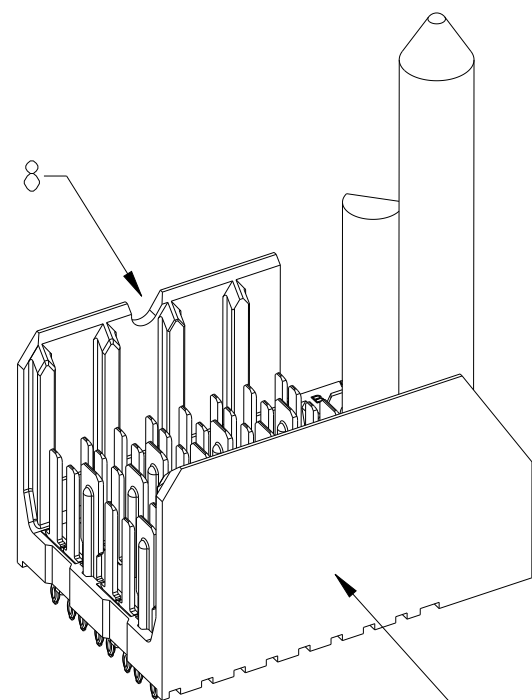


PCB HOLE PATTERN
COMPONENT SIDE
SCALE 10:1

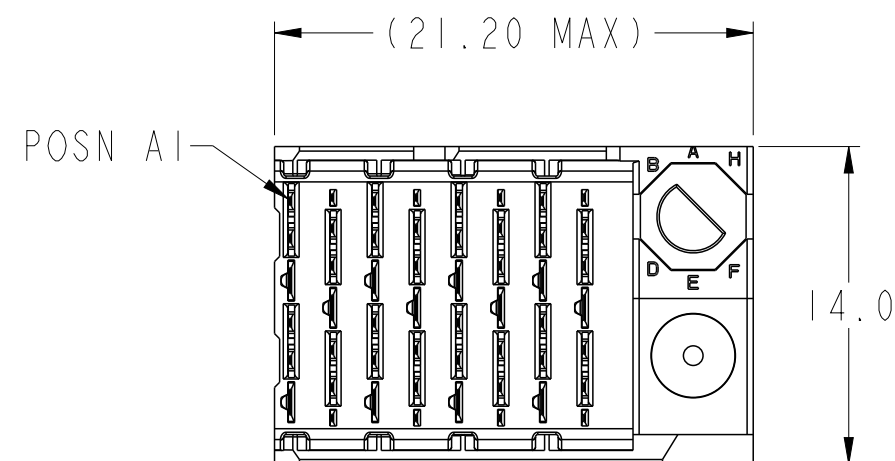
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tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng		Michael Song		2017/05/24						ecn no		ELX-DG-27080-1												
ASME Y14.5					chr		Stone Li		2017/06/05								appr		Heaven Cen		2017/06/05		product family		-		rel level		Released
surface		✓		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 3 of 8							

RIGHT POLARIZING/GUIDE MODULE

SEE NOTE 8



SEE NOTE 5

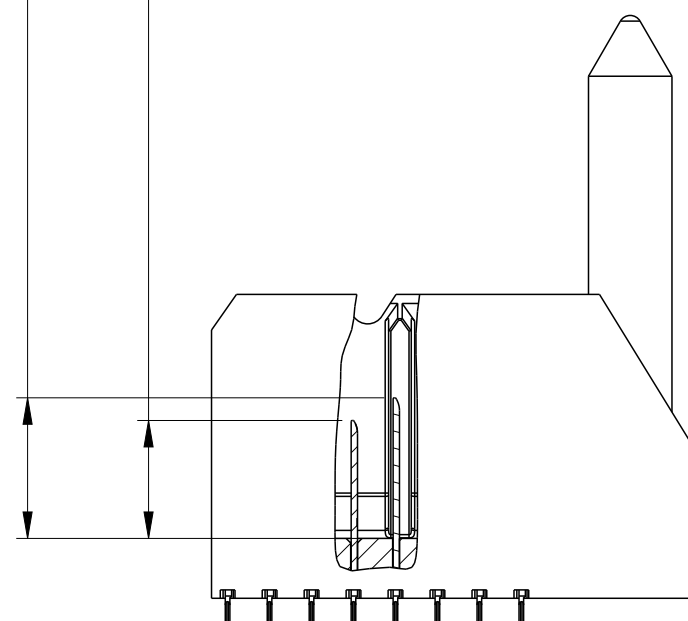


SCALE 3:1

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)



TO TOP SURFACE
OF DAUGHTERCARD

X_BP

Y_BP

1.85
TYP

(0.73)

(2.43)

0

2.06

1.60

2.70

4.26

5.36

6.96

8.06

9.62

21.2

17.76

TOP SURFACE OF
DAUGHTERCARD

0.10

1.20

2.80

3.90

5.46

6.56

6.79

8.16

9.26

14.0

SEE DETAIL A
(SHEET 8)

NOMINAL MODULE OUTLINE

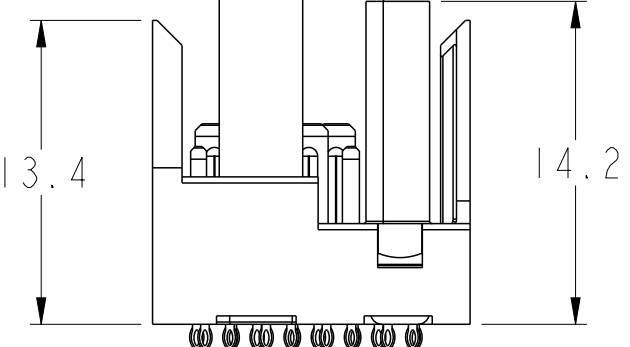
PCB HOLE PATTERN
COMPONENT SIDE
SCALE 10:1

Ø 2.55
2.35

Ø 0.10 X_BP Y_BP
SEE NOTE 11 & TABLE 1

GUIDE PIN

OPTIONAL KEYING PIN
(SEE P/N TREE)



13.4

14.2



25.7

1.27

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						ecn no		ELX-DG-27080-1									
ASME Y14.5				chr		Stone Li		2017/06/05						product family		-		rel level		Released					
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 4 of 8									

PDS: Rev :H

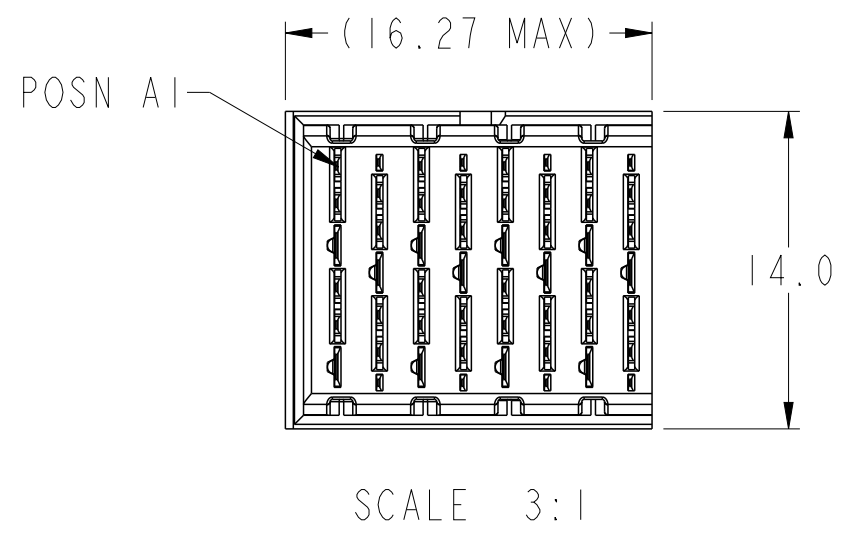
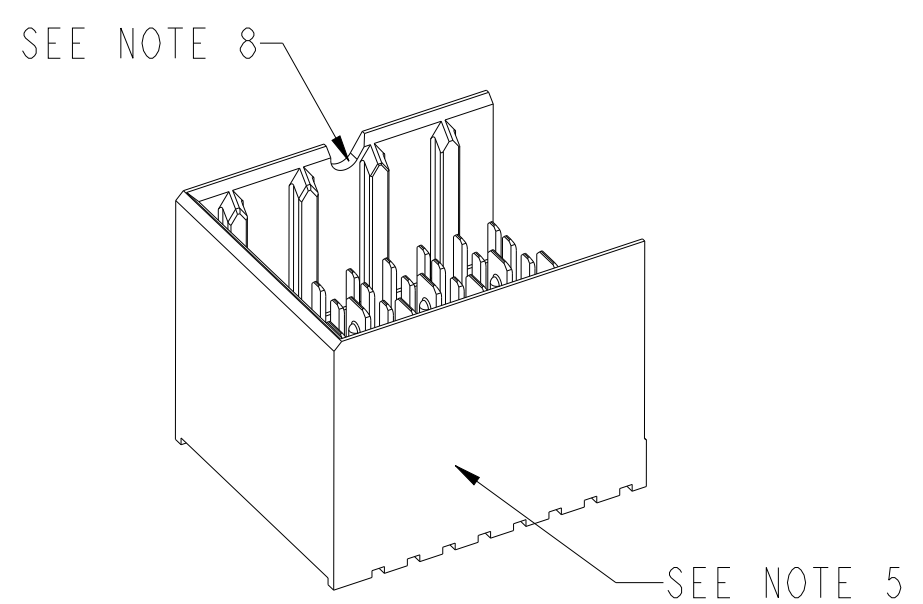
STATUS:Released

Printed: Jun 05, 2017

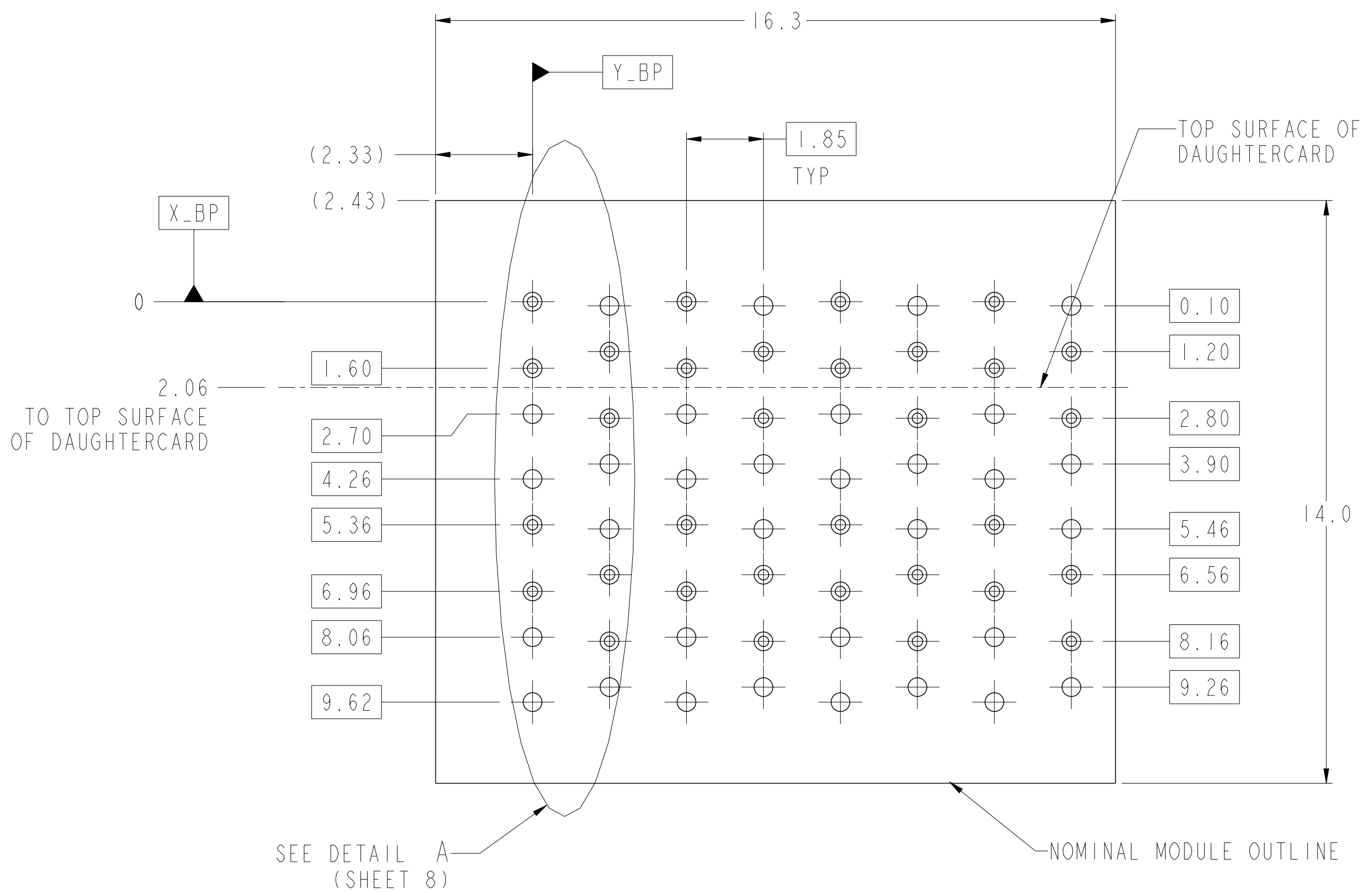
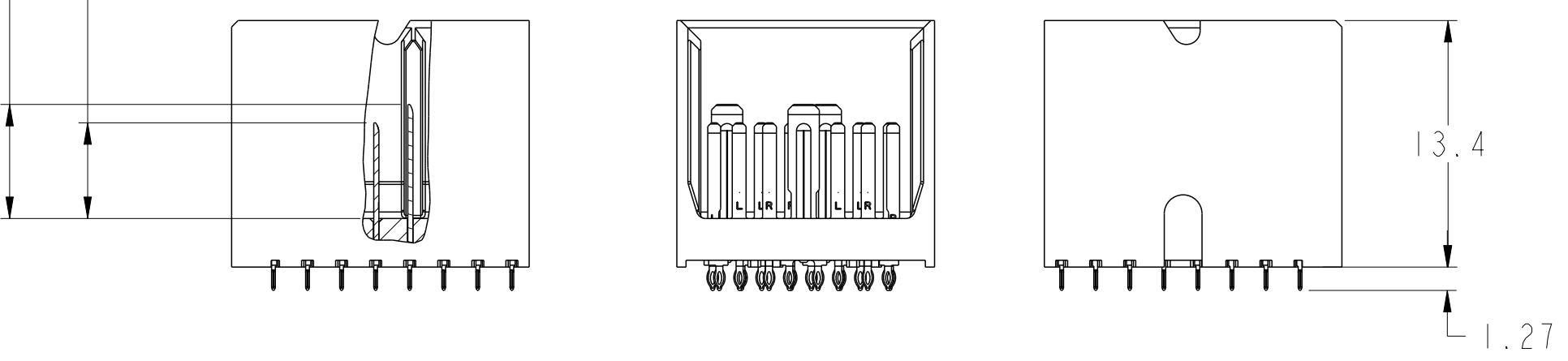
Amphenol
FCI

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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)

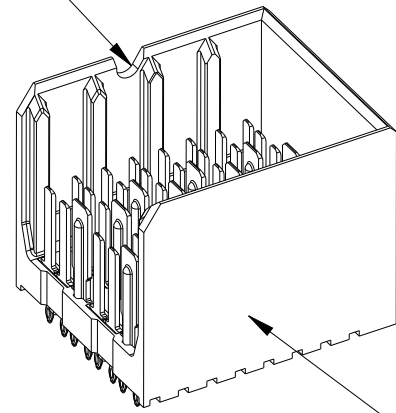


PCB HOLE PATTERN
COMPONENT SIDE
SCALE 10:1

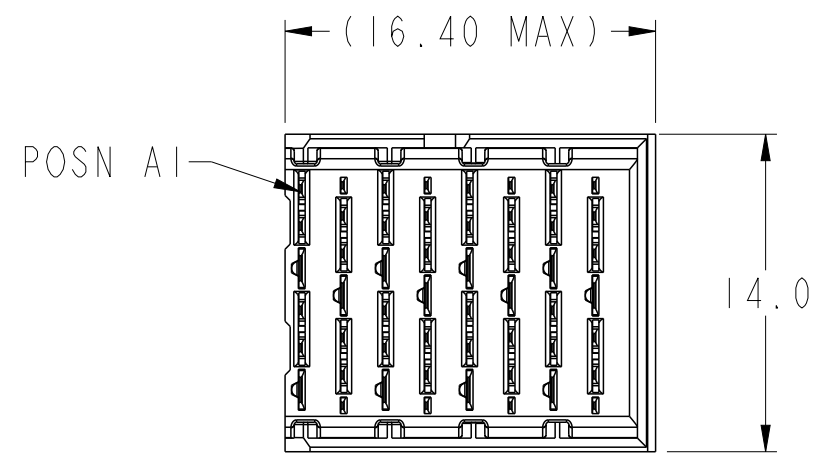
spec ref	SEE NOTES	dr	Kok-Hoe Lee	2010/06/25	projection	MM	size	A2	scale	6:1
tolerance std	ASME Y14.5	eng	Michael Song	2017/05/24	chr	Stone Li	2017/06/05	ecn no	ELX-DG-27080-1	
		appr	Heaven Cen	2017/06/05	product family	-	rel level	Released		
surface	linear	0.X	±0.2	0.XX	±0.10	0.XXX	±0.050	angular	0°	±°
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

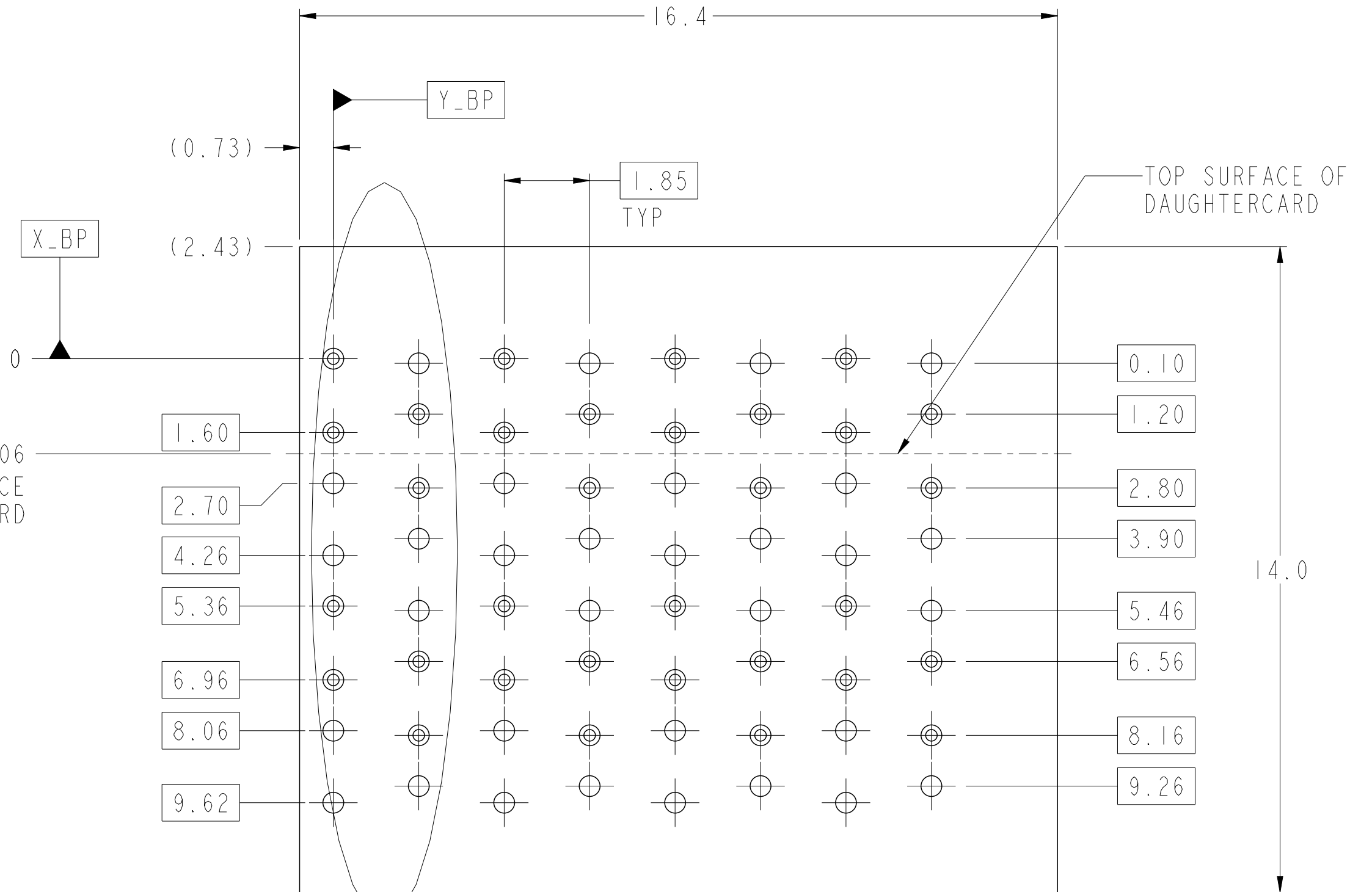
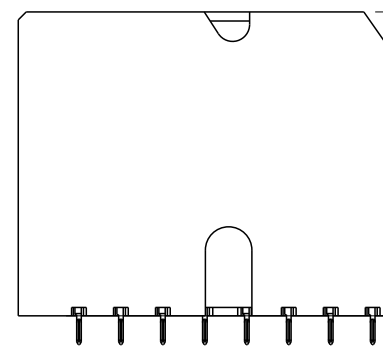
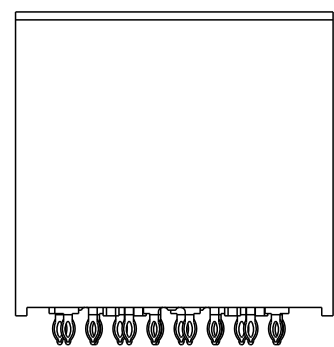
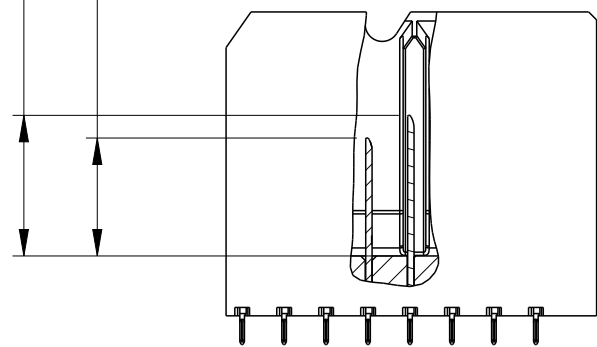


SCALE 3:1

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

NOMINAL MODULE OUTLINE

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		-		product family	
ASME Y14.5				chr		Stone Li		2017/06/05						rel level		Released					
				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					

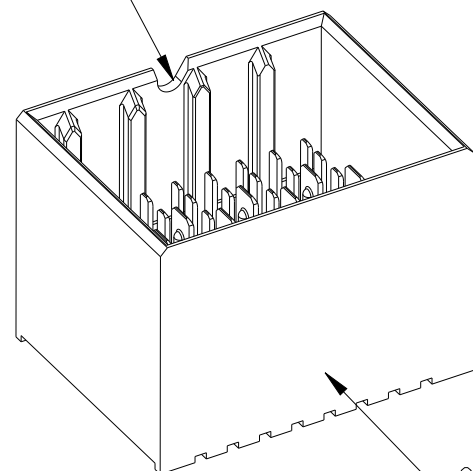
PDS: Rev :H

STATUS:Released

Printed: Jun 05, 2017

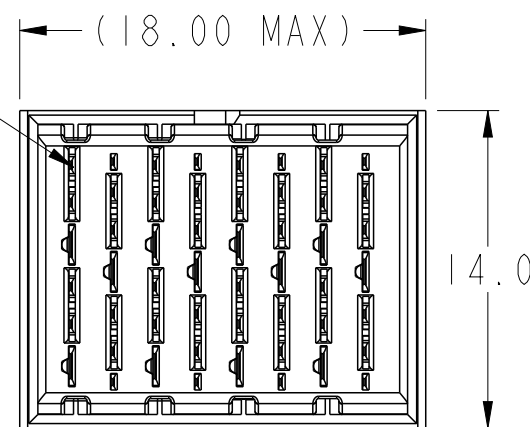
FOUR WALL MODULE

SEE NOTE 8



SEE NOTE 5

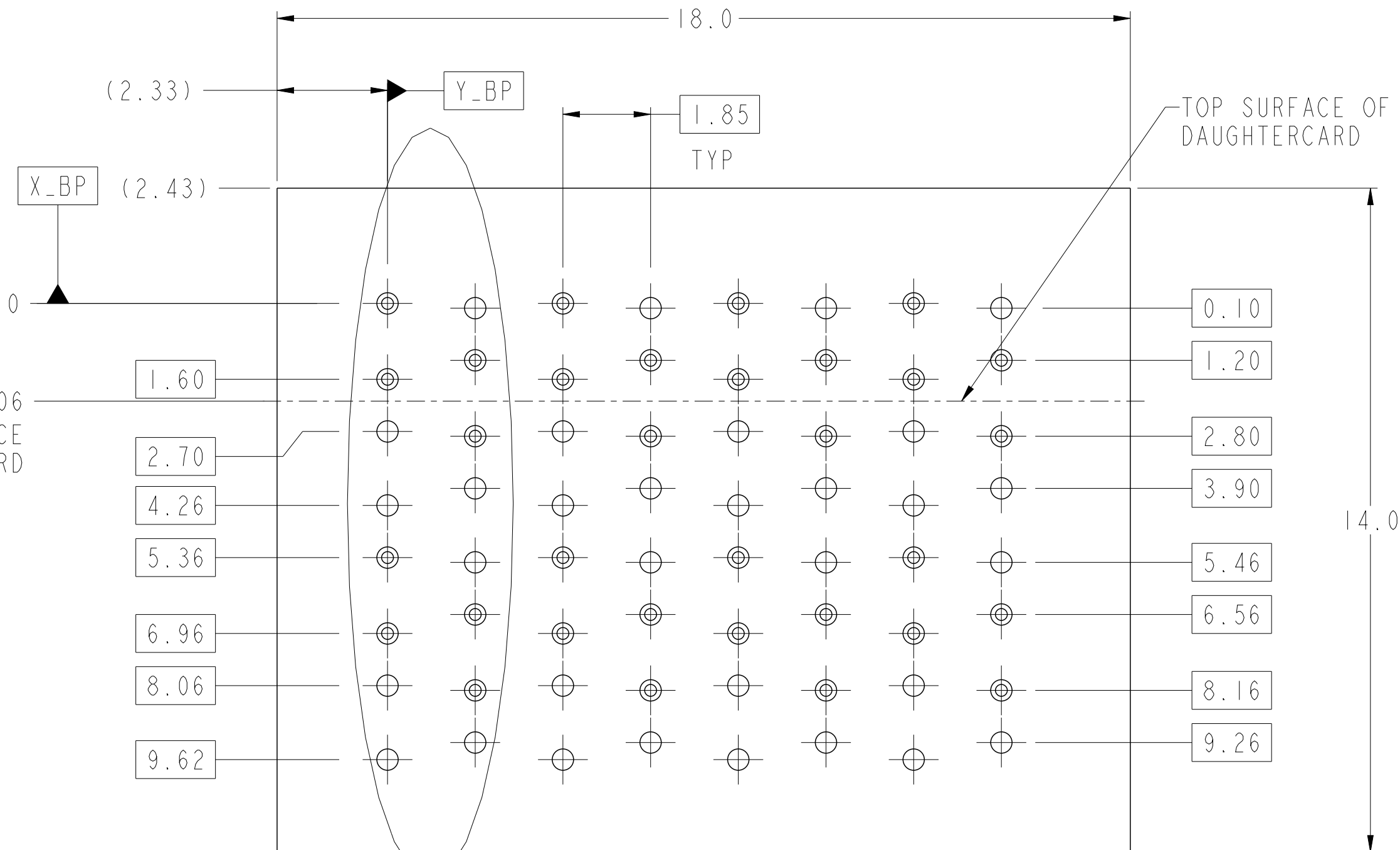
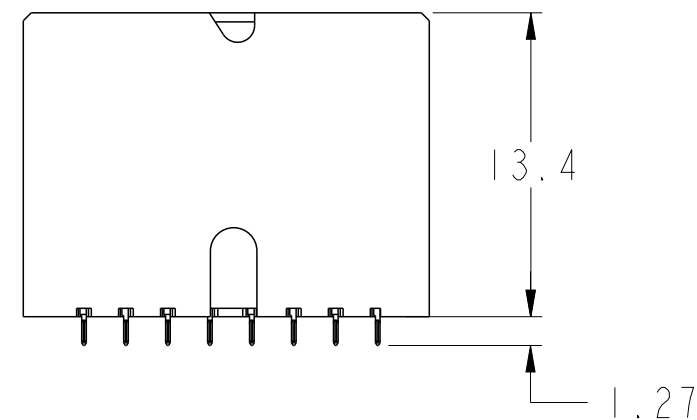
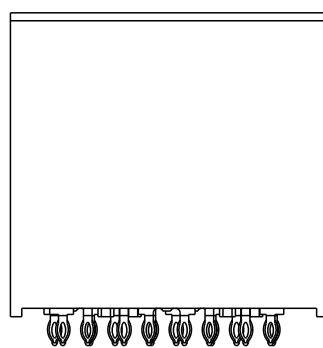
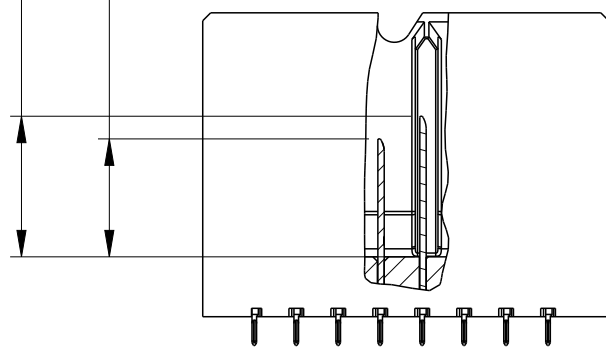
POSN A1



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)

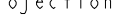
(SEE P/N TREE FOR
ALL COMBINATIONS AVAILABLE)



SEE DETAIL A
(SHEET 8)

PCB HOLE PATTERN
COMPONENT SIDE
SCALE 10:1

NOMINAL MODULE OUTLINE

spec ref		SEE NOTES		dr	Kok-Hoe Lee	2010/06/25		MM	size	A2	scale	5:1		
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	Amphenol FCI	title	MODULE ASSEMBLY				dwg no	10113949	rev	H
			0.XX	±0.10										
ASME Y14.5		0.XXX	±0.050	VERTICAL HEADER, 8-COLUMN, 2-PAIR				Product - Customer Drw		sheet 7 of 8				
		angular	0°									±-0°		
				cat. no.	SEE P/N TREE									

PDS: Rev :H

STATUS:Released

Printed: Jun 05, 2017

Amphenol FCI

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A
B
C
D
E
F

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 TELCORDIA GR-1217-CORE (NOVEMBER 1995) CENTRAL OFFICE (CO) OR UNCONTROLLED ENVIRONMENT (UE) TEST SEQUENCE AS NOTED IN P/N TREE.

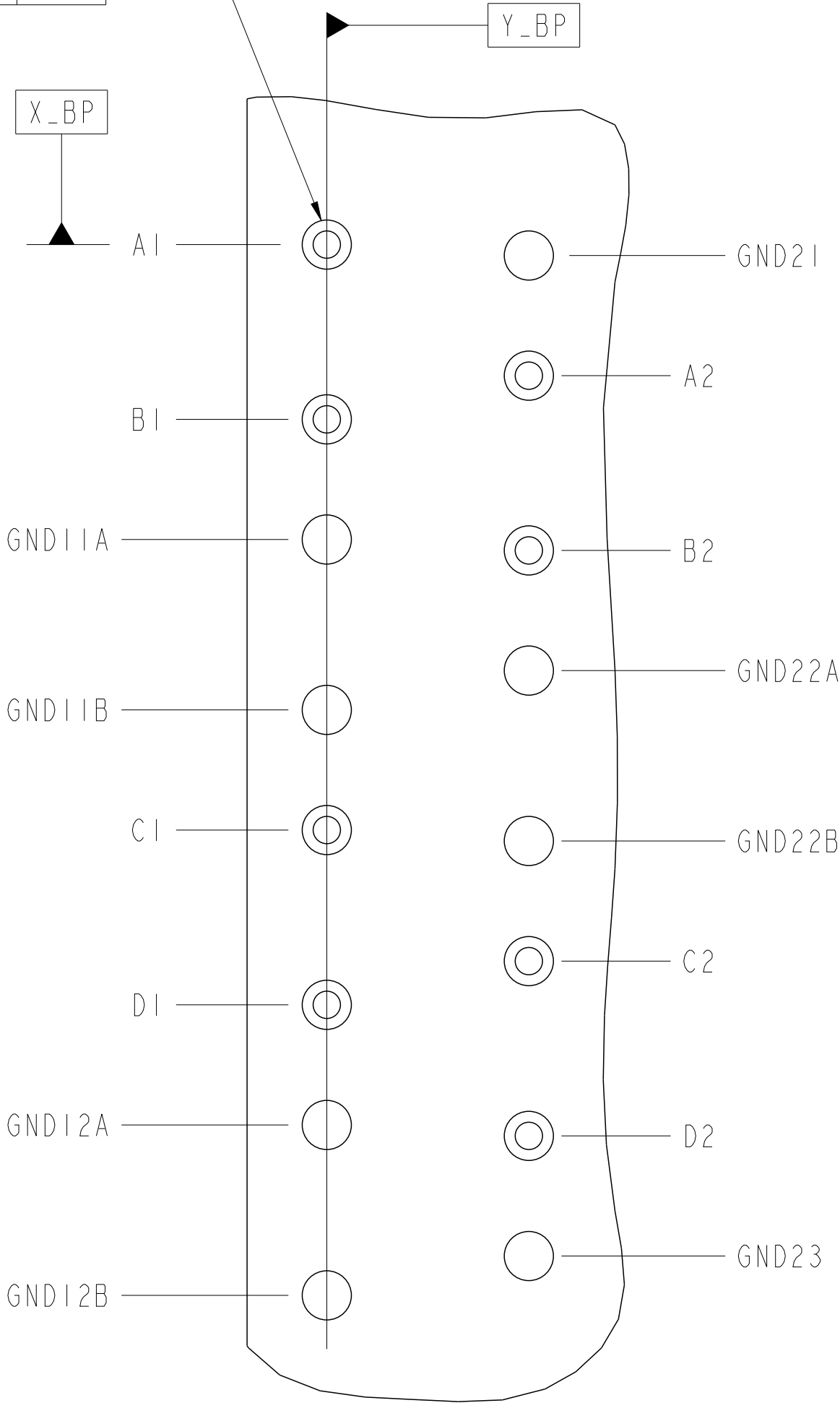
PRESS-FIT TAILS: TIN OVER NICKEL, OR TIN-LEAD ALLOY OVER NICKEL. SEE P/N TREE.
- PRODUCT SPECIFICATION: GS-12-588
- APPLICATION SPECIFICATION: GS-20-121
- PRODUCT MARKING (PART NUMBER AND LOT CODE) ON THESE SURFACES.
- HOUSING MUST WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 40 SECONDS IN A CONVECTION, 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.
- OPTIONAL HOLE LOCATION FOR GROUNDED PIN OR ADDITIONAL GUIDE-PIN SUPPORT. SEE TABLE 1 ON SHEET 1 FOR ADDITIONAL DETAILS.

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 TABLE 3
FOR PTH, DRILL & PAD SIZES

	Ø0.10	X_BP	Y_BP
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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		rel level		Released		
surface					appr		Heaven Cen		2017/06/05						MODULE ASSEMBLY		dwg no		10113949		rev		H
					linear		0.X		±0.2		0.XX						±0.10		0.XXX		±0.050		www.fci.com
ASME Y14.5		angular		0°		±°																	