

10113949 - XXE - XOXL										
LEAD-FREE DESIGNATION ONLY WITH APPLICABLE PLATING CODES										
8-COLUMN DIFFERENTIAL SIGNAL										
0: GENERAL LABEL E: CUSTOMIZED LABEL										
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									

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"]

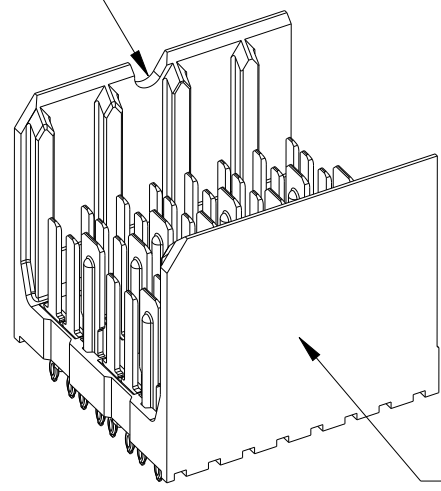
TABLE 1: OPTIONAL PCB HOLE SIZE (SEE NOTE 11)		
	GROUNDED	UNGROUNDED
FINISHED	Ø2.35-2.55	Ø2.35-2.55
PAD	Ø5.50	N/A
PLATED	YES	NO
DRILL (mm/in)	2.58 /.1015	2.44 /.096

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

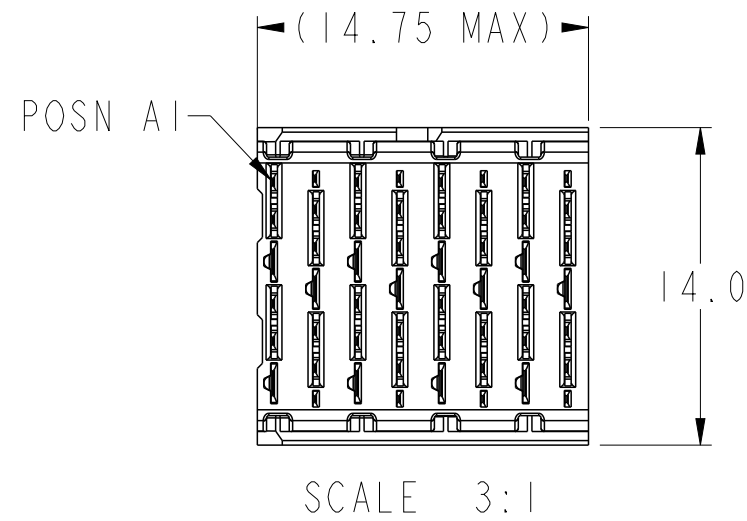
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tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED				eng	Michael Song	2017/05/24			ecn no	ELX-DG-27080-1			
ASME Y14.5					chr	Stone Li	2017/06/05							
					appr	Heaven Cen	2017/06/05							
								product family		-	rel level		Released	
surface	linear	0.X	±0.2	Amphenol FCI	title	MODULE ASSEMBLY VERTICAL HEADER, 8-COLUMN, 2-PAIR				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 1 of 8			

OPEN (2-WALL) MODULE

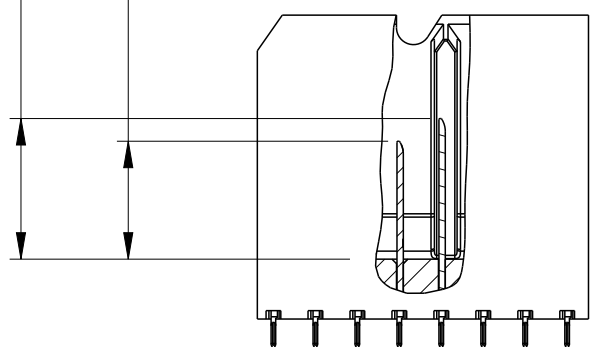
SEE NOTE 8



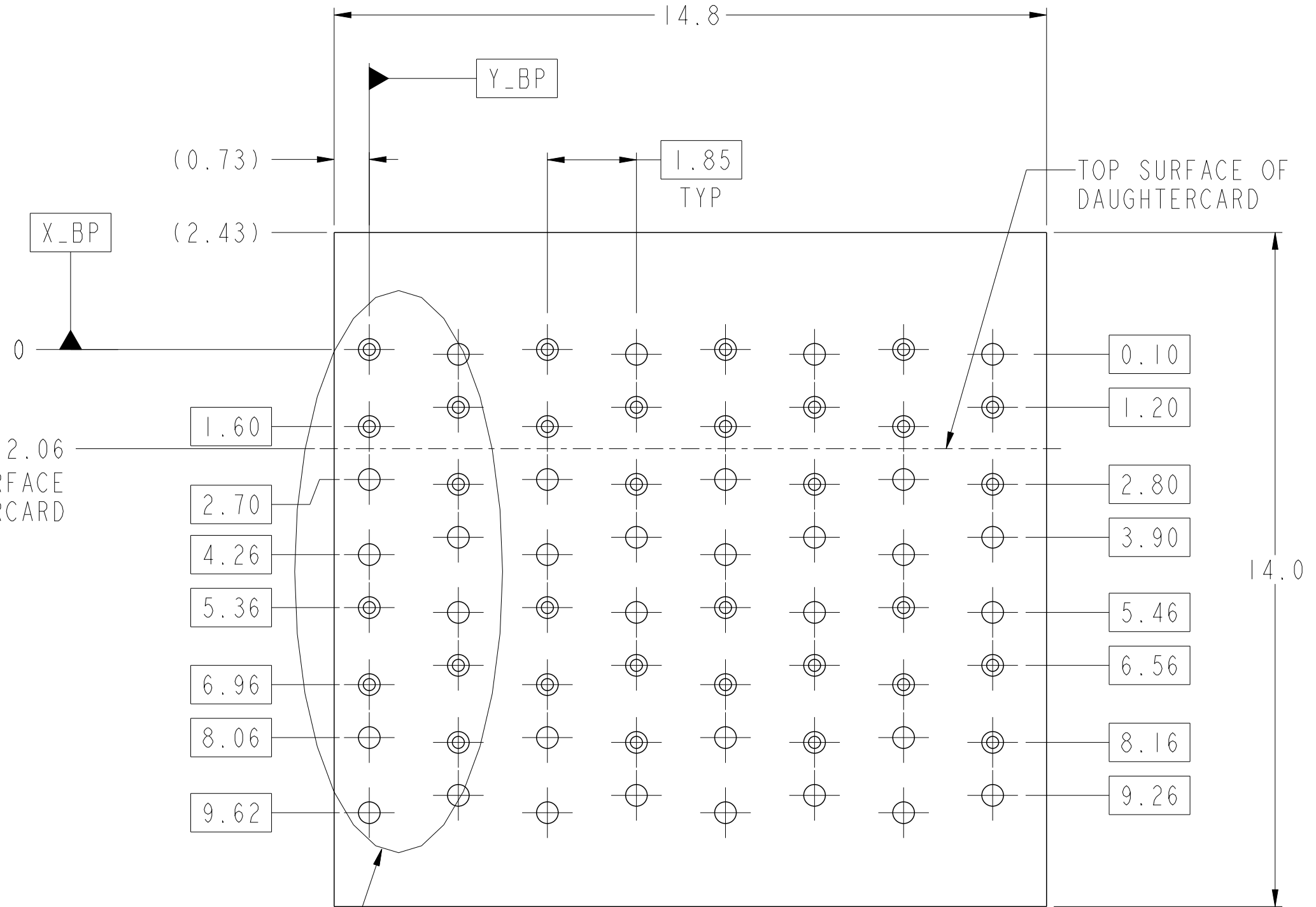
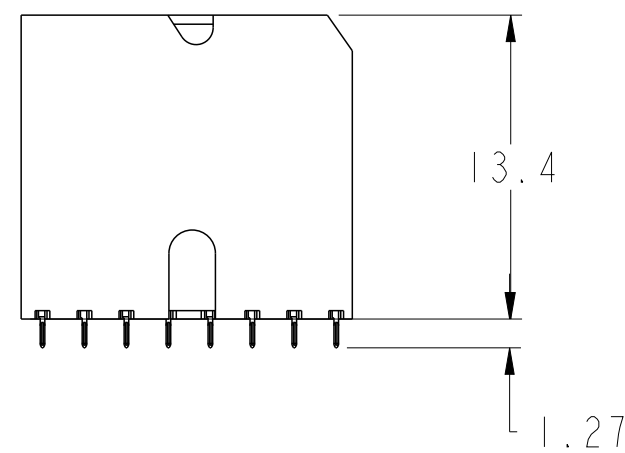
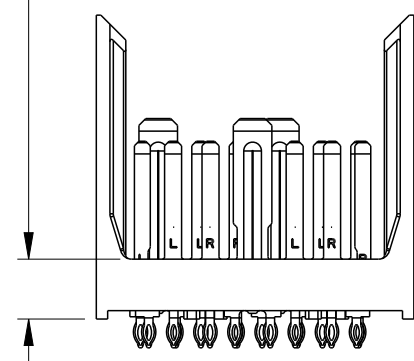
SEE NOTE 5



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



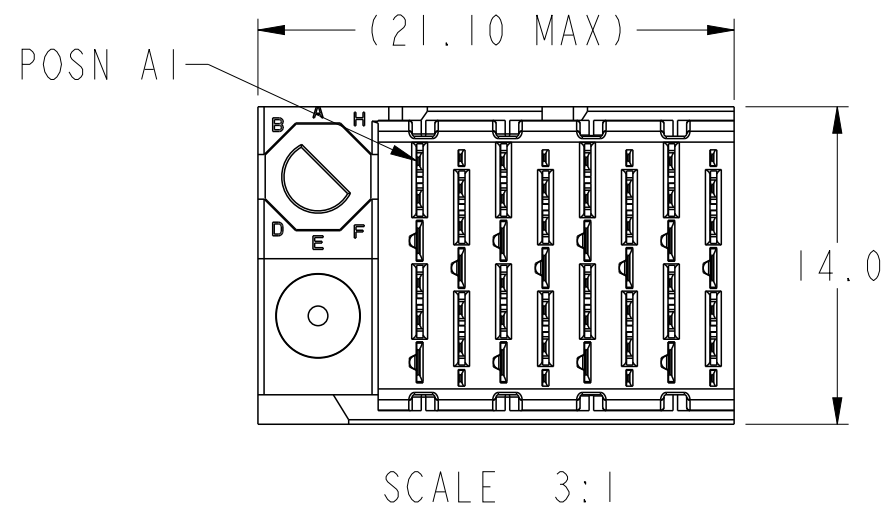
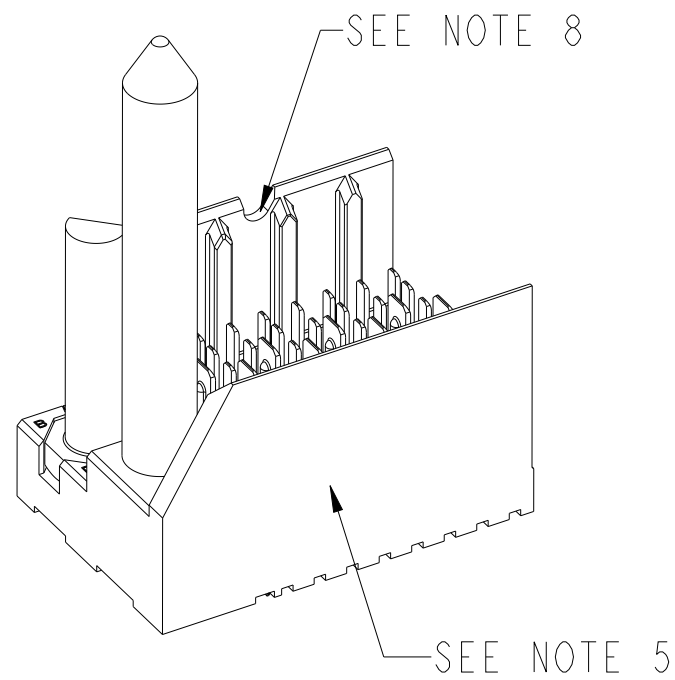
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tolerance std	ASME Y14.5	eng	Michael Song	2017/05/24	chr	Stone Li	2017/06/05	ecn no	ELX-DG-27080-1	
		appr	Heaven Cen	2017/06/05	product family	-	rel level	Released		
surface	linear	0.X	±0.2	0.XX	±0.10	0.XXX	±0.050	angular	0°	±°
ASME Y14.5								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

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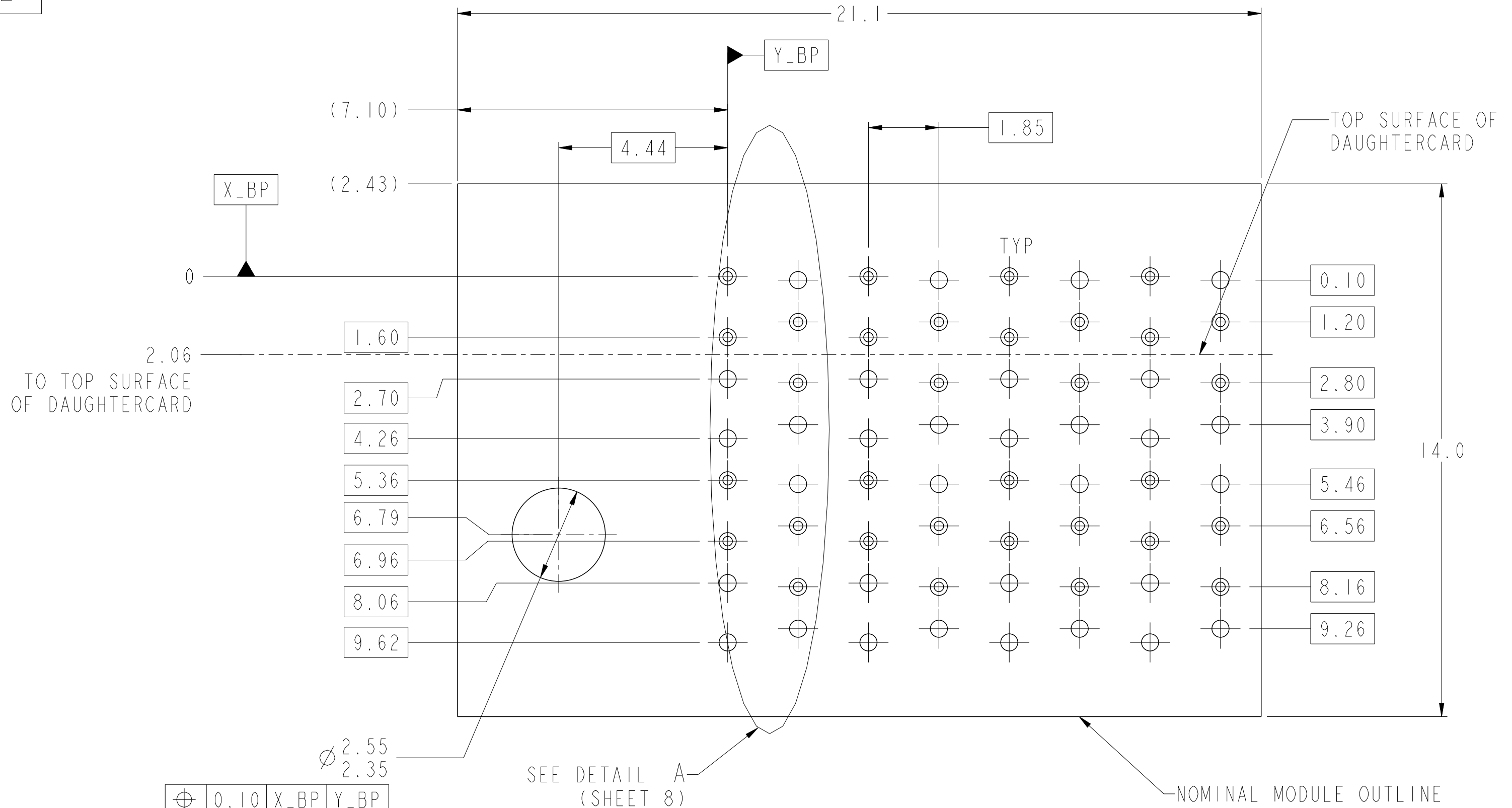
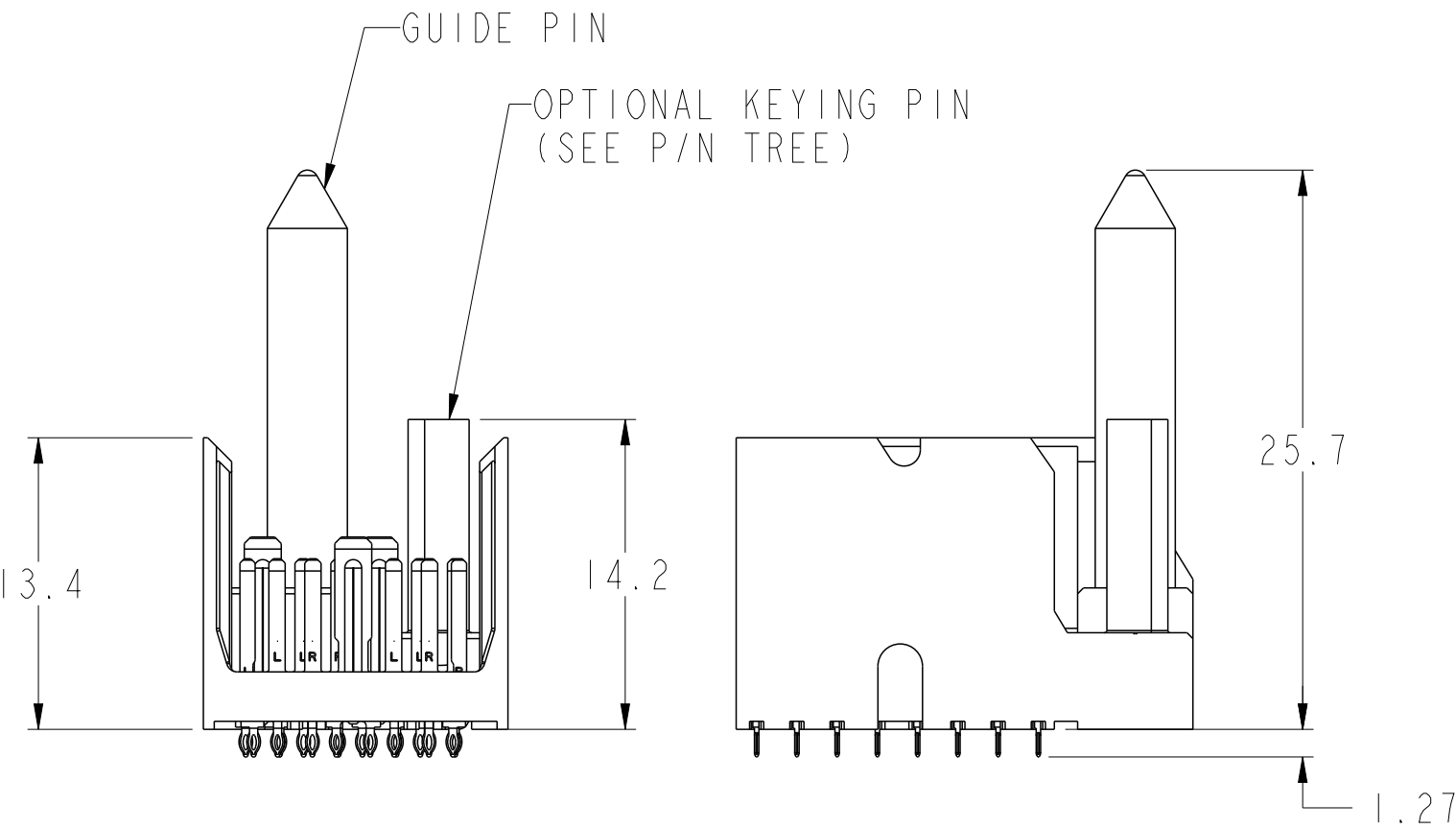
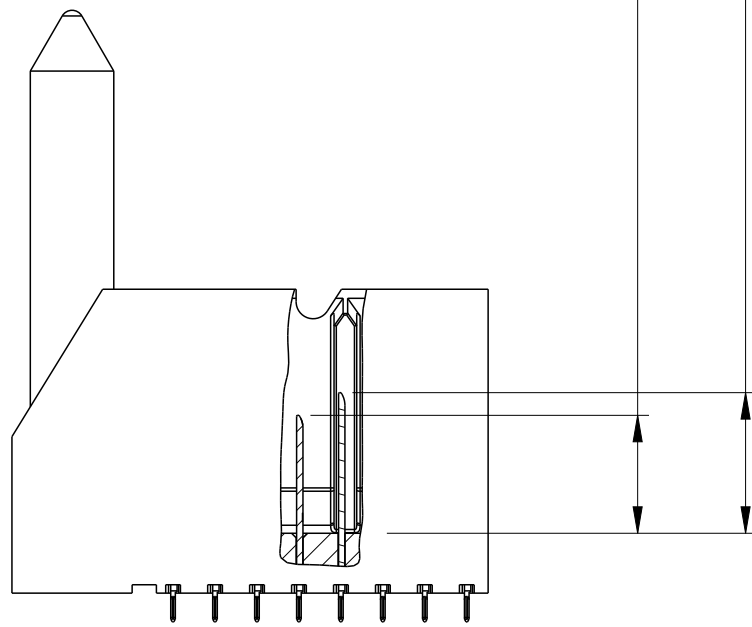
LEFT POLARIZING/GUIDE MODULE



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)

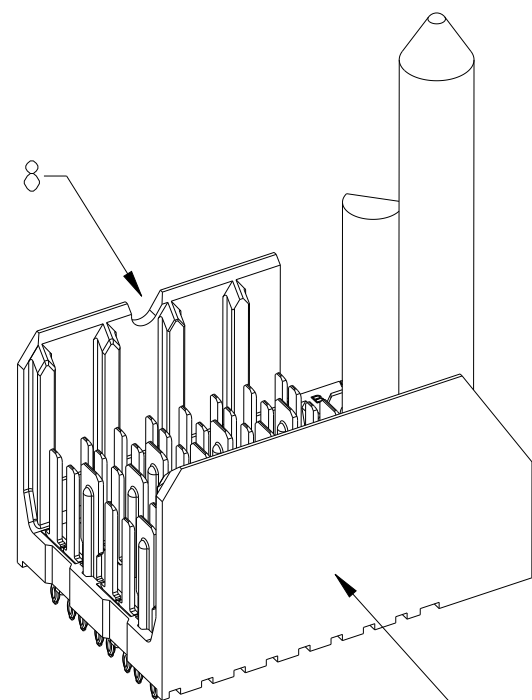


PCB HOLE PATTERN
COMPONENT SIDE
SCALE 10:1

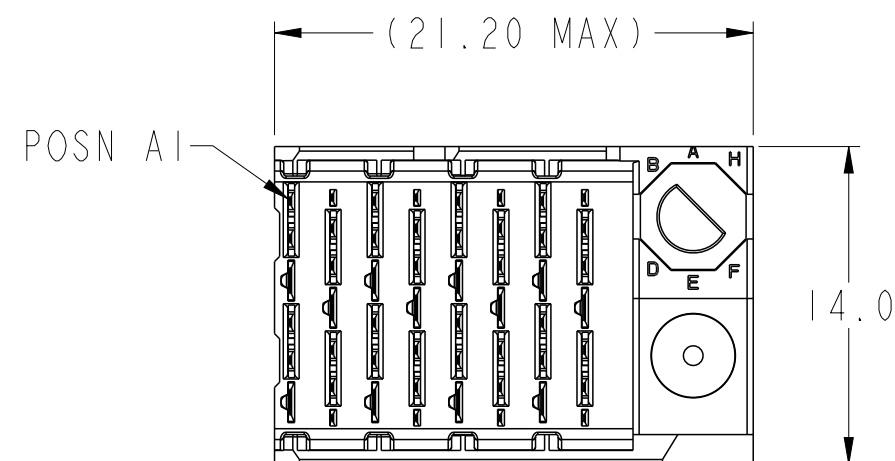
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chr			Stone Li	2017/06/05	rel level			Released							
ASME Y14.5			appr	Heaven Cen	2017/06/05	product family		-							
surface	✓	linear	0.X	±0.2	Amphenol FCi	title	MODULE ASSEMBLY			dwg no	10113949	rev	H		
														0.XX	±0.10
ASME Y14.5	angular	0°	±°	cat. no.	SEE P/N TREE	Product - Customer Drw			sheet 3 of 8						

RIGHT POLARIZING/GUIDE MODULE

SEE NOTE 8



SEE NOTE 5

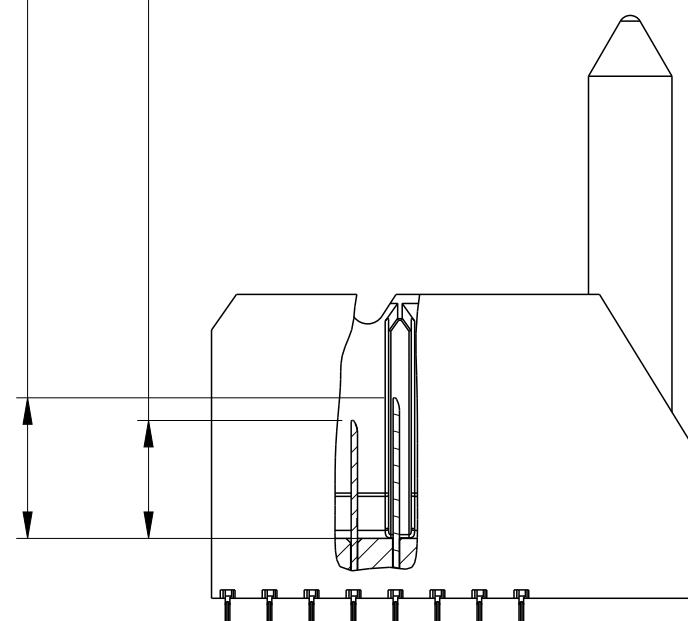


SCALE 3:1

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

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

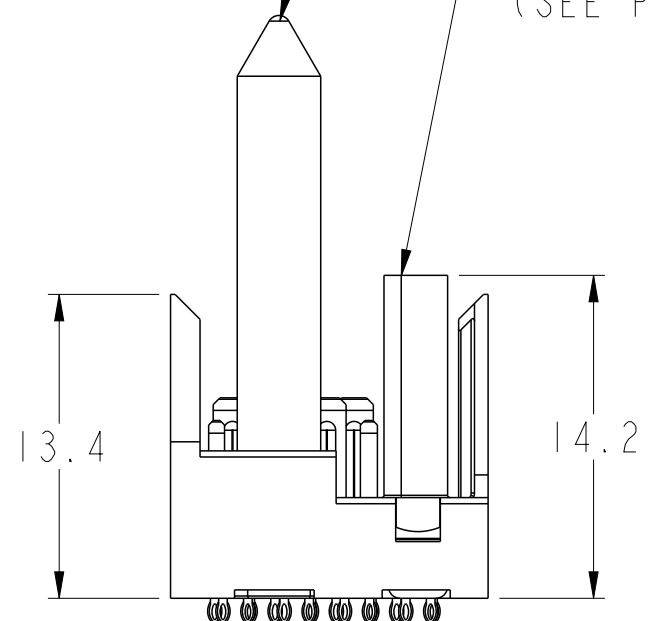
PCB HOLE PATTERN
COMPONENT SIDE
SCALE 10:1

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)



25.7

1.27

spec ref	SEE NOTES			dr	Kok-Hoe Lee	2010/06/25		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				rel level			Released	
				appr	Heaven Cen	2017/06/05	product family			-				
surface		linear	0.X	±0.2		FILE	MODULE ASSEMBLY				dwg no	10113949	rev	H
			0.XX	±0.10			VERTICAL HEADER, 8-COLUMN, 2-PAIR							
ASME Y14.5		angular	0°	±0.050										
					cat. no.	SEE P/N TREE	Product - Customer Drw				sheet 4 of 8			

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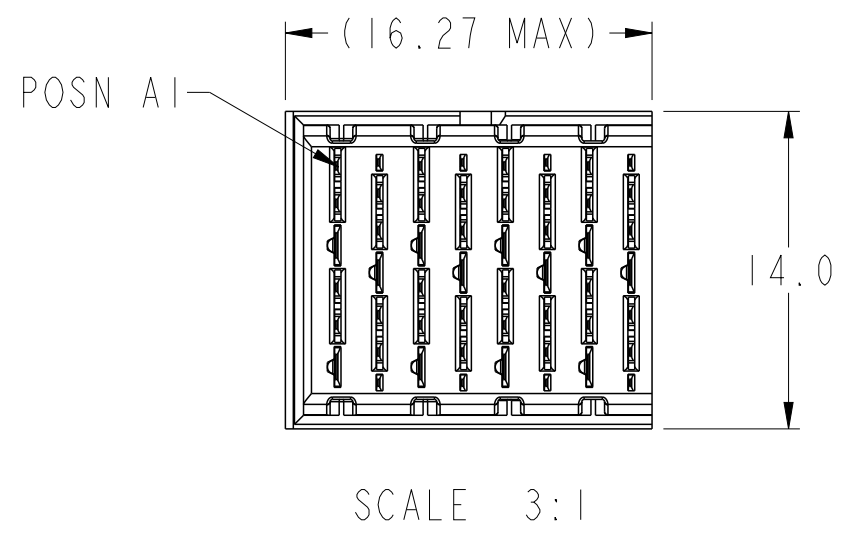
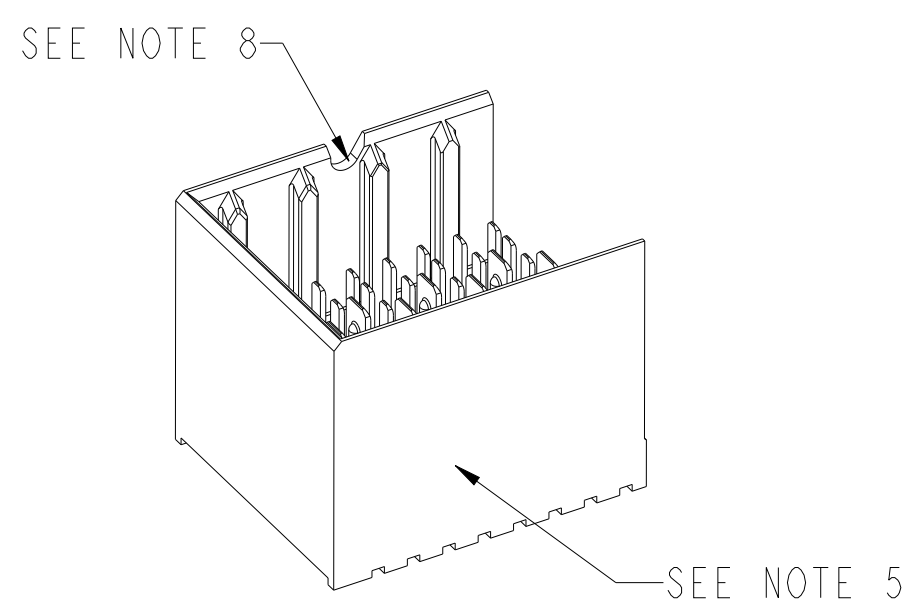
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Amphenol
FCI

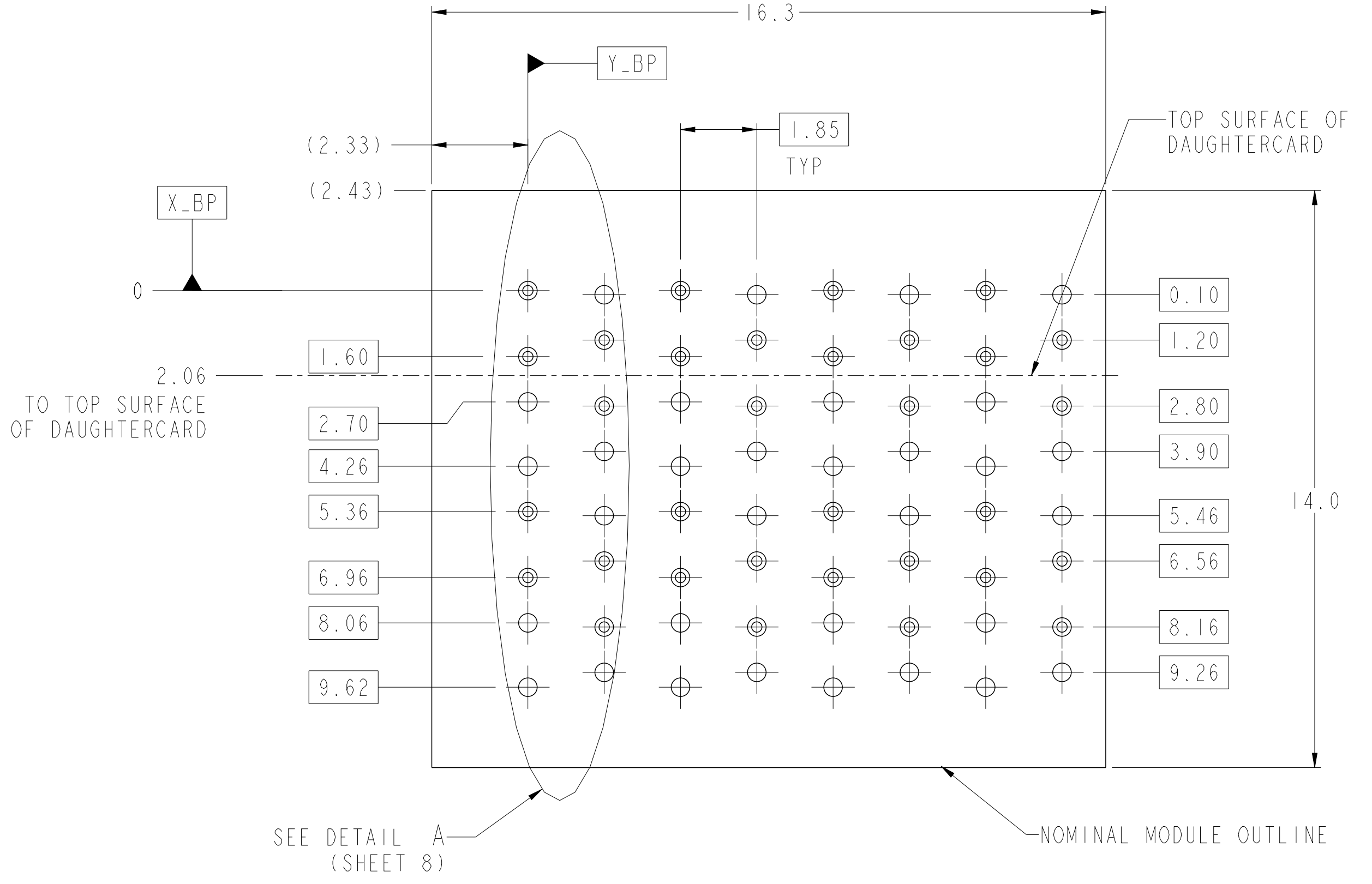
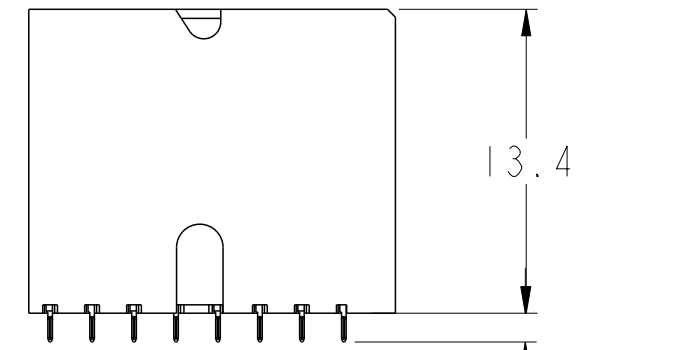
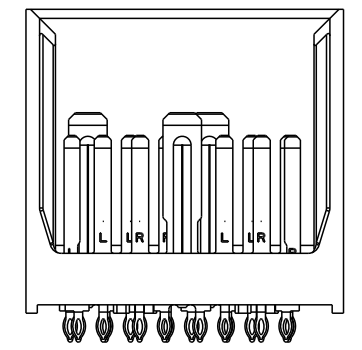
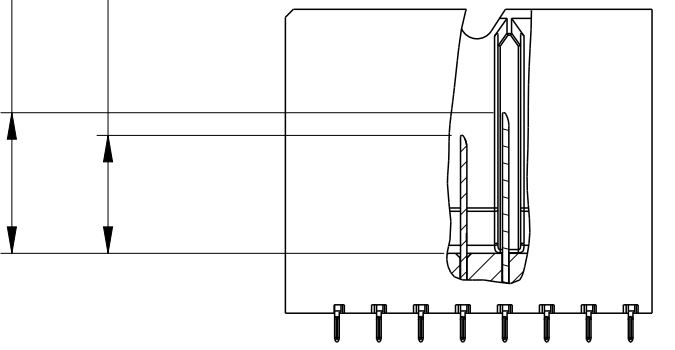
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LEFT WALL MODULE



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)

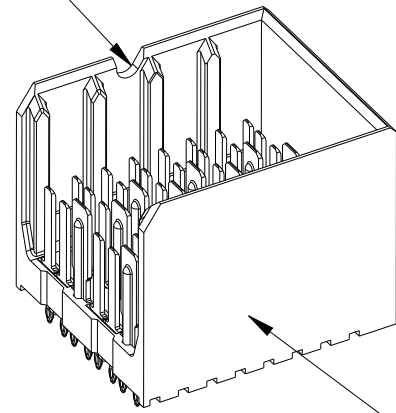
(SEE P/N TREE FOR ALL COMBINATIONS AVAILABLE)



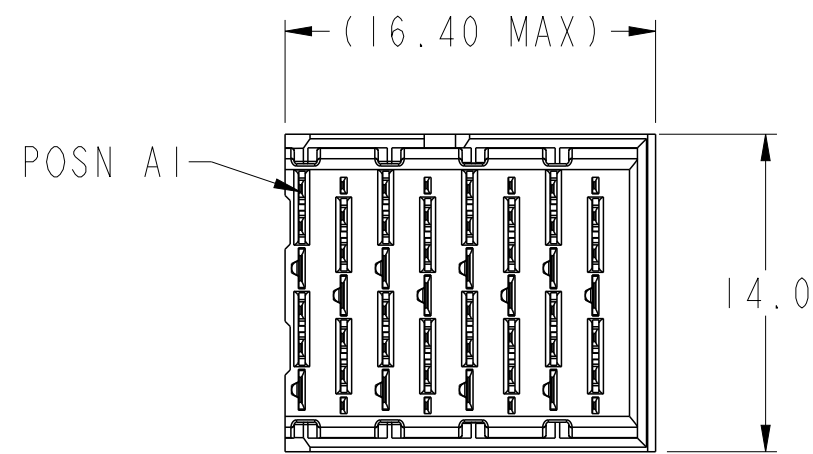
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tolerance std	ASME Y14.5	eng	Michael Song	2017/05/24	chr	Stone Li	2017/06/05	ecn no	ELX-DG-27080-1	
		appr	Heaven Cen	2017/06/05	product family	-	rel level	Released		
surface	linear	0.X	±0.2	0.XX	±0.10	0.XXX	±0.050	angular	0°	±°
ASME Y14.5										
MODULE ASSEMBLY		title		VERTICAL HEADER, 8-COLUMN, 2-PAIR		cat. no.		SEE P/N TREE		Product - Customer Drw
PDS: Rev :H		STATUS:Released		Printed: Jun 05, 2017		sheet 5 of 8				

RIGHT WALL MODULE

SEE NOTE 8



SEE NOTE 5

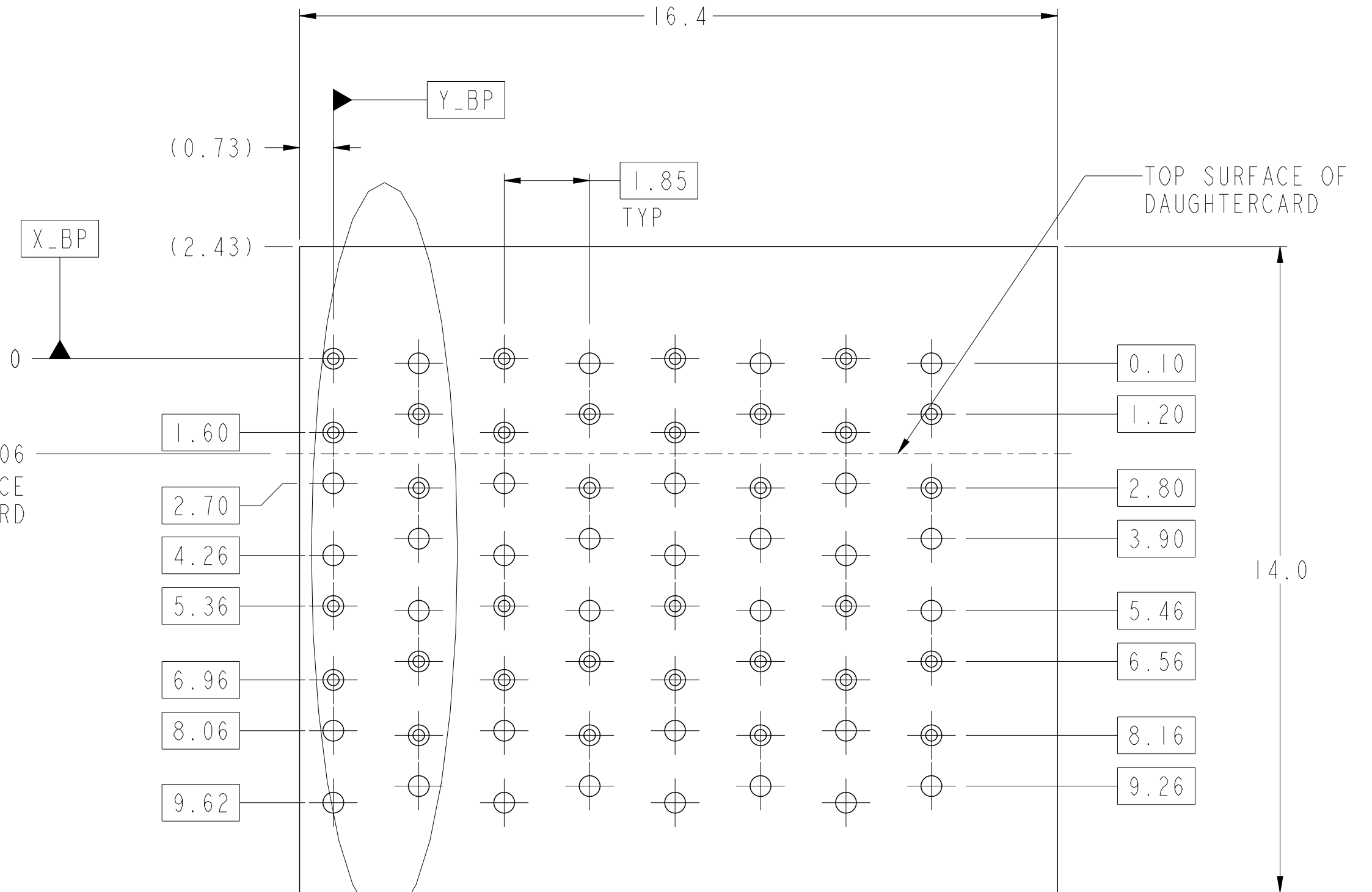
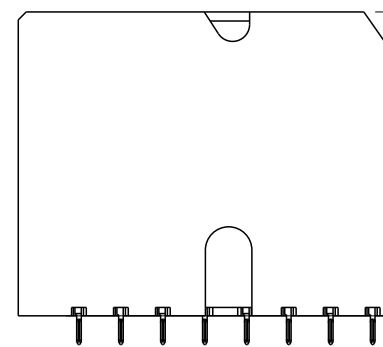
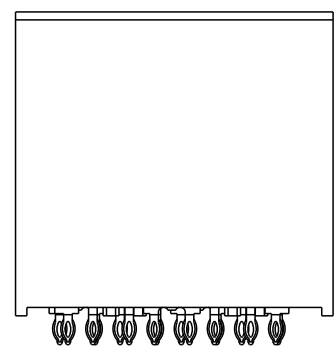
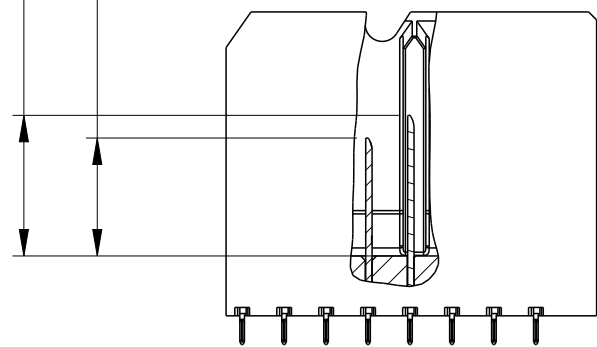


SCALE 3:1

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)

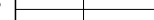
(SEE P/N TREE FOR
ALL COMBINATIONS AVAILABLE)



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						MM		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				title		MODULE ASSEMBLY		dwg no		10113949		rev		H									
		0.X																±0.2							
		0.XX																±0.10							
		0.XXX		±0.050																					
ASME Y14.5		angular		0°		±°																			
																						</			

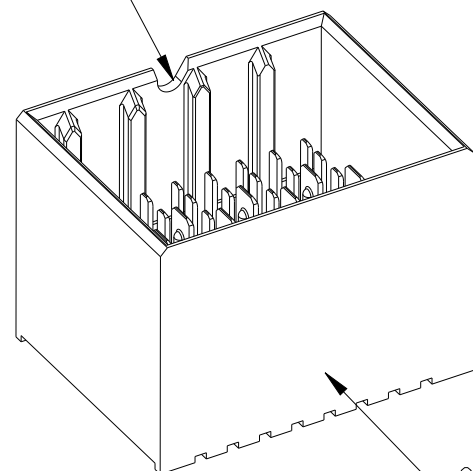
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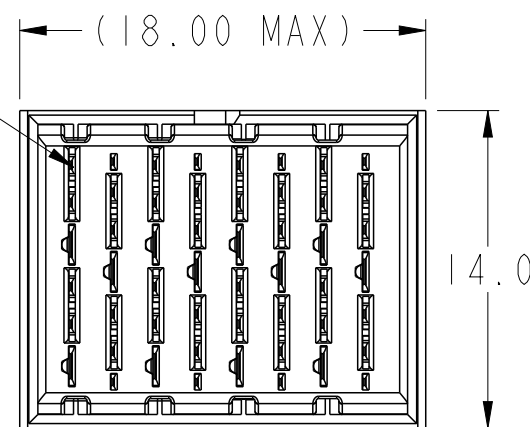
FOUR WALL MODULE

SEE NOTE 8



SEE NOTE 5

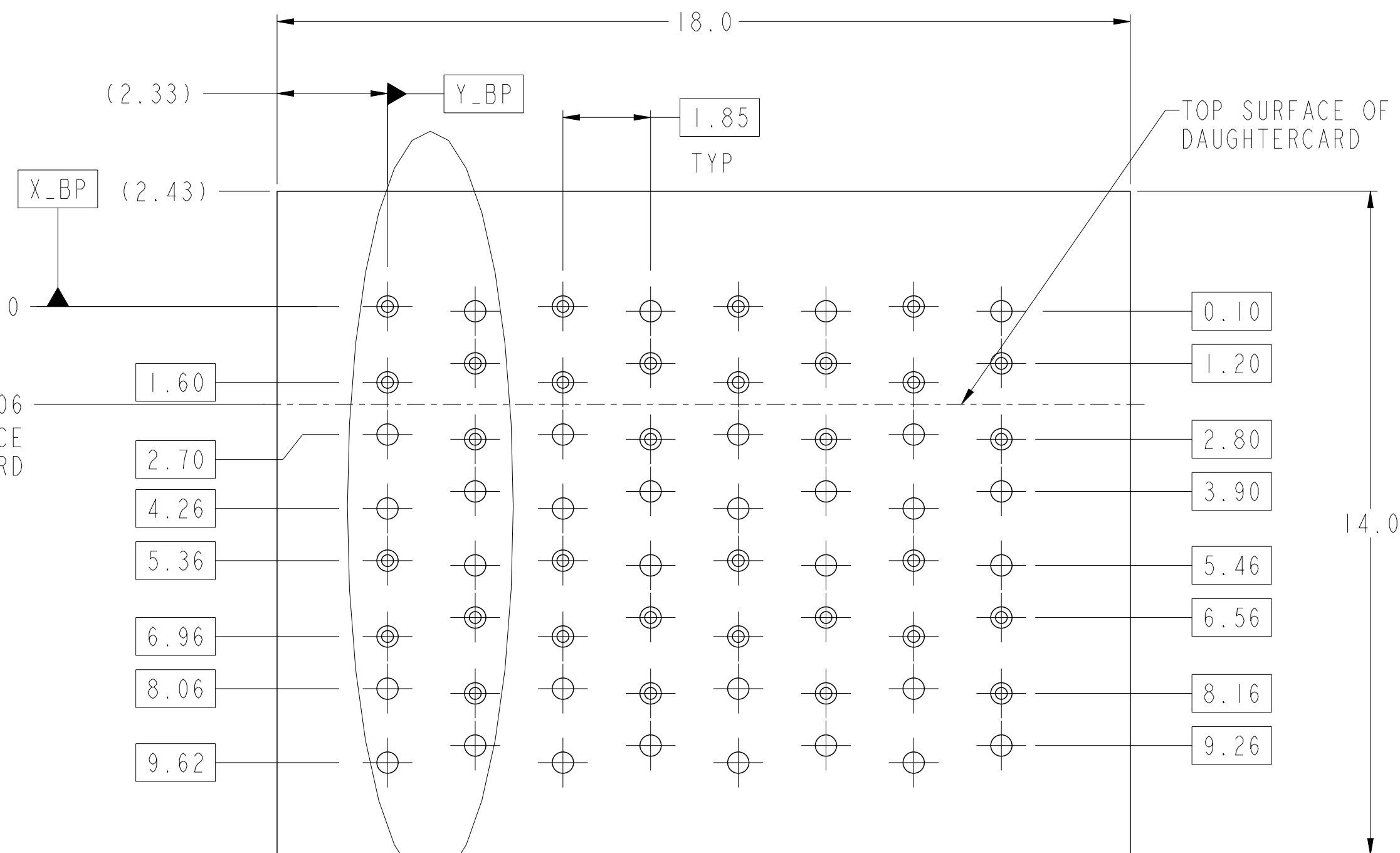
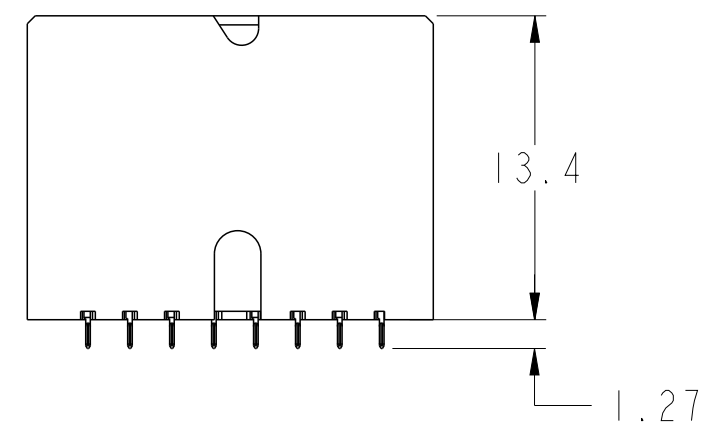
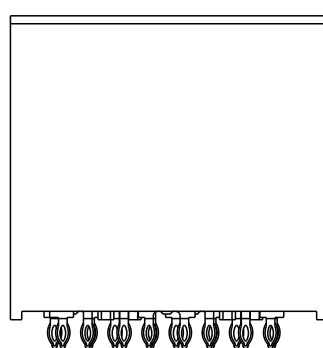
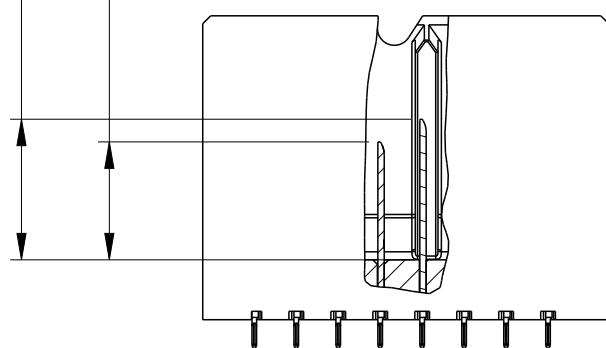
POSN A1



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

NOMINAL MODULE OUTLINE

spec ref		SEE NOTES		dr		Kok-Hoe Lee		2010/06/25		projection		size		scale							
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Michael Song		2017/05/24				A2		5:1							
ASME Y14.5				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				title		MODULE ASSEMBLY VERTICAL HEADER, 8-COLUMN, 2-PAIR				dwg no		10113949		rev		H			
		0.X																		±0.2	
		0.XX																		±0.10	
ASME Y14.5		angular																			

