

1 0 1 1 4 8 6 8 - X 0 J - X 0 X L F										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
										LEAD-FREE DESIGNATION ONLY WITH APPLICABLE PLATING CODES		
										4-COLUMN DIFFERENTIAL SIGNAL		
										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										

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"]

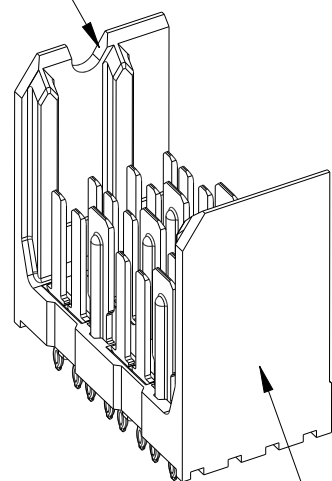
TABLE 1: OPTIONAL PCB HOLE SIZE (SEE NOTE 11)		
	GROUNDED	UNGROUNDED
FINISHED	Ø2.35-2.55	Ø2.35-2.55
PAD	Ø5.50	N/A
PLATED	YES	NO
DRILL (mm/in)	2.58 /.1015	2.44 /.096

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

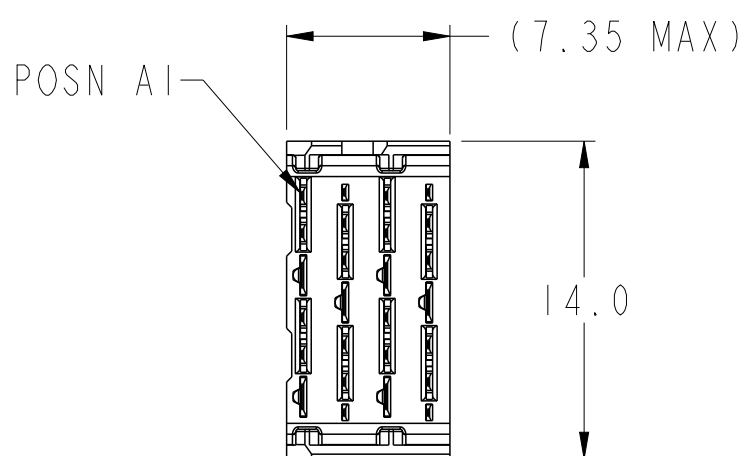
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tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Michael Song	2016/06/03			ecn no	ELX-DG-24191-1			
ASME Y14.5				chr	Heaven Cen	2016/06/08			rel level	Released			
surface	linear	0.X	±0.2	Amphenol FCI	title	MODULE ASSEMBLY		dwg no	10114868			rev	F
		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



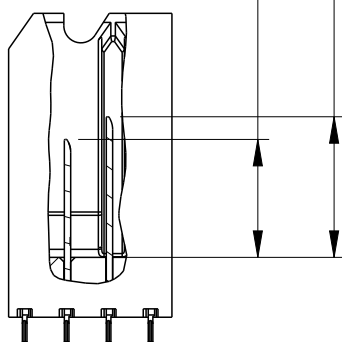
SEE NOTE 5



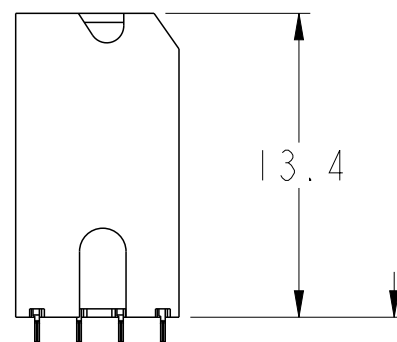
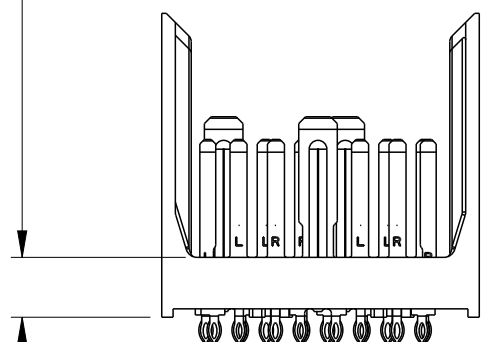
SCALE 3:1

- 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)

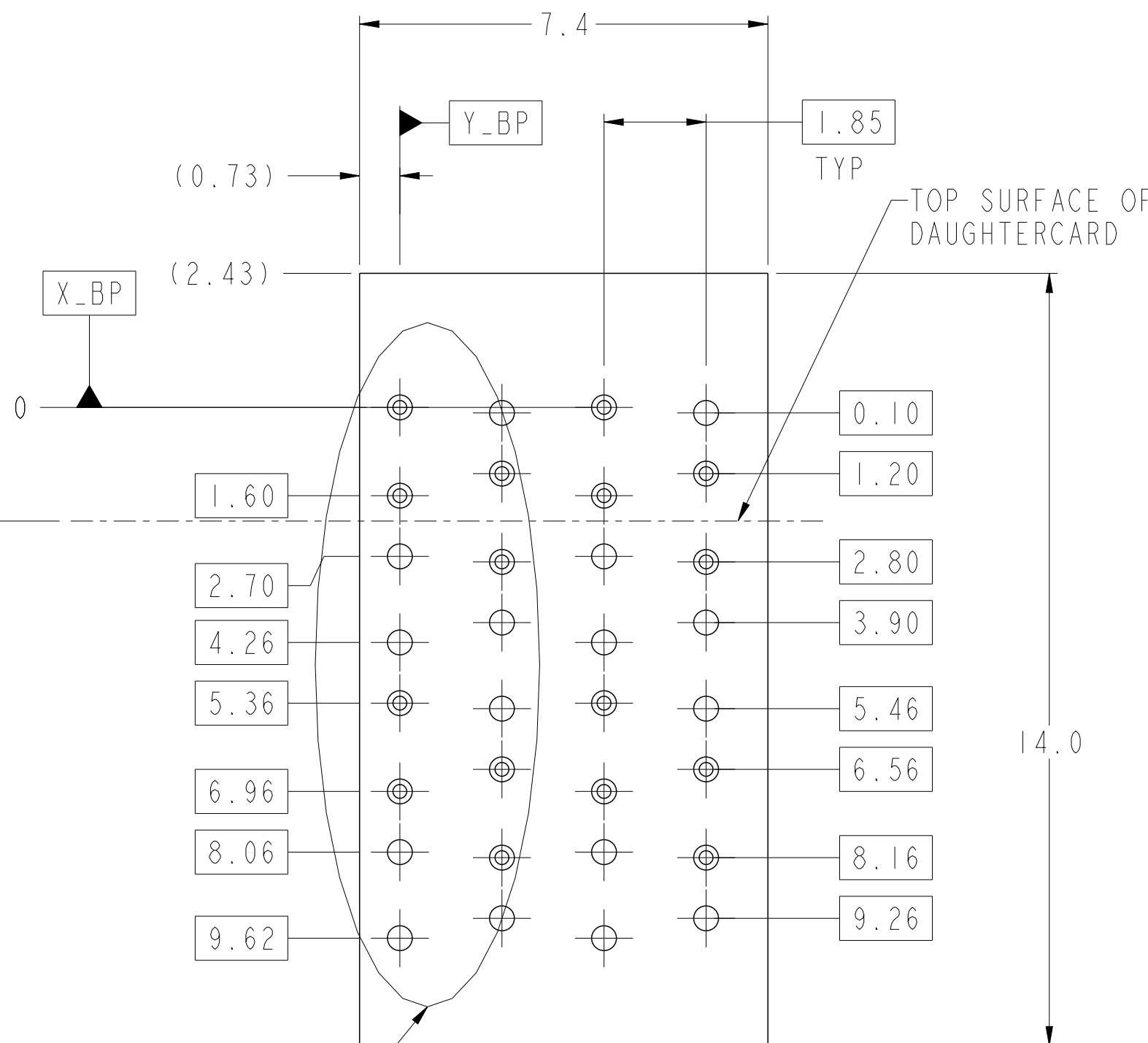
(SEE P/N TREE FOR ALL COMBINATIONS AVAILABLE)



2.64±0.10 FROM STANDOFF SURFACE TO MATING SURFACE



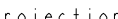
TAIL LENGTH
SEE NOTE 12



SEE DETAIL A
(SHEET 8)

PCB HOLE PATTERN
COMPONENT SIDE
SCALE 10:1

NOMINAL MODULE OUTLINE

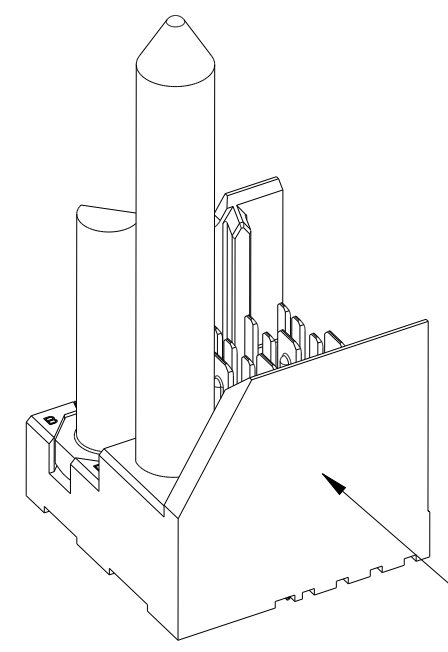
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tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Michael Song		2016/06/03						ecn no		ELX-DG-24191-1		rel level		Released			
ASME Y14.5				chr		Heaven Cen		2016/06/08						product family		-							
		appr		Pei-Ming Zheng		2016/06/15																	
surface		linear		0.X		±0.2		Amphenol FCI		title		MODULE ASSEMBLY		dwg no		10114868		rev		F			
		0.XX		±0.10																			
		0.XXX		±0.050																			
ASME Y14.5		angular		0°		±°				cat. no.		SEE P/N TREE		Product - Customer Drw		sheet 2 of 8							

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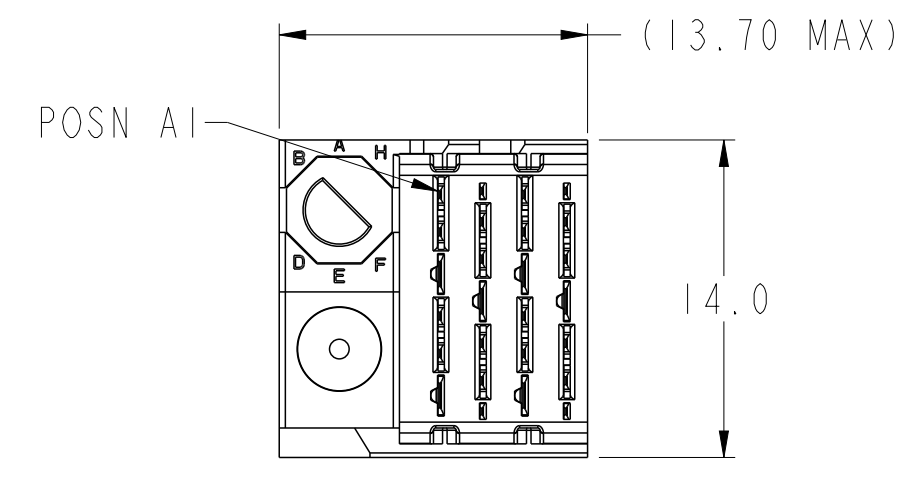
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LEFT POLARIZING/GUIDE MODULE



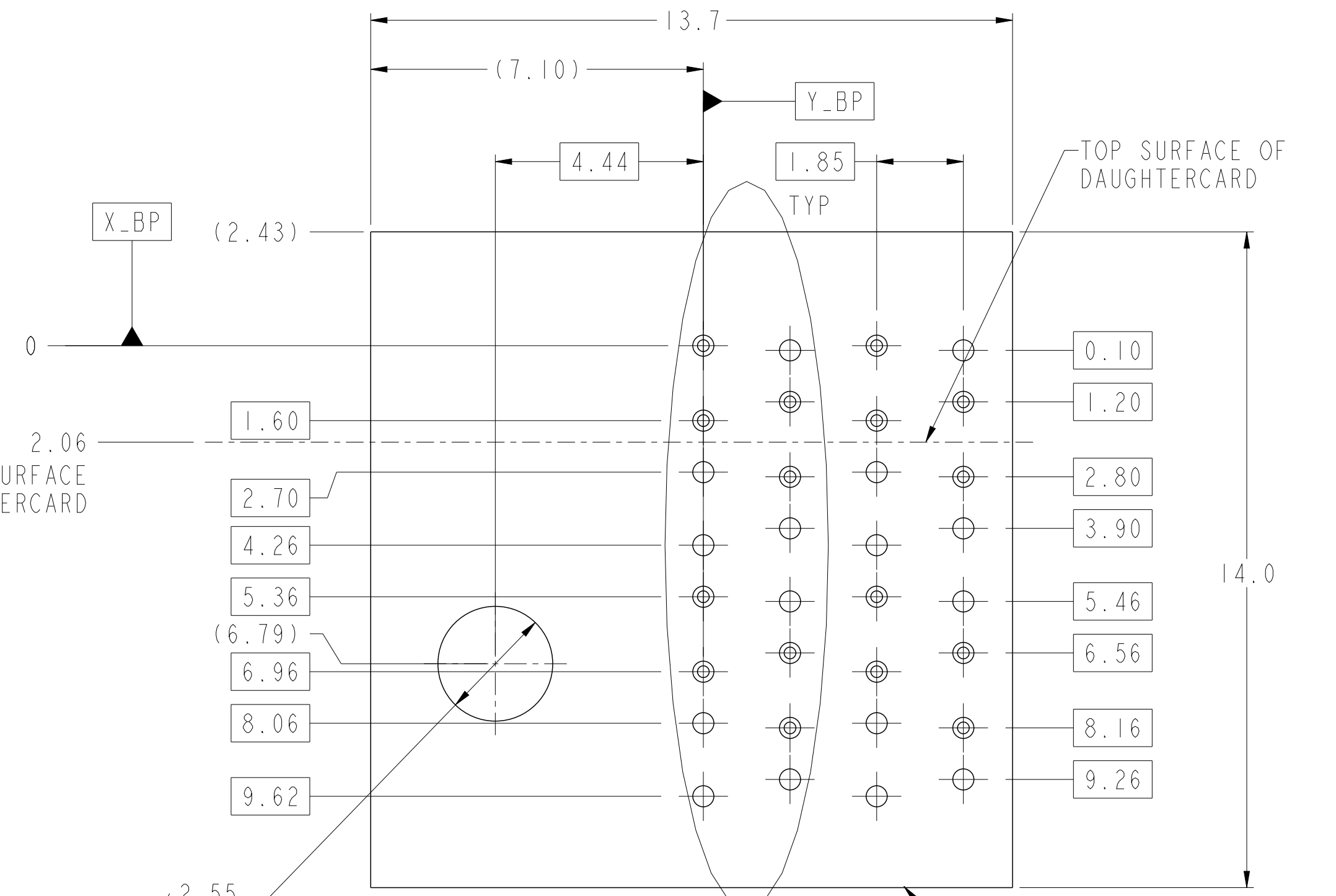
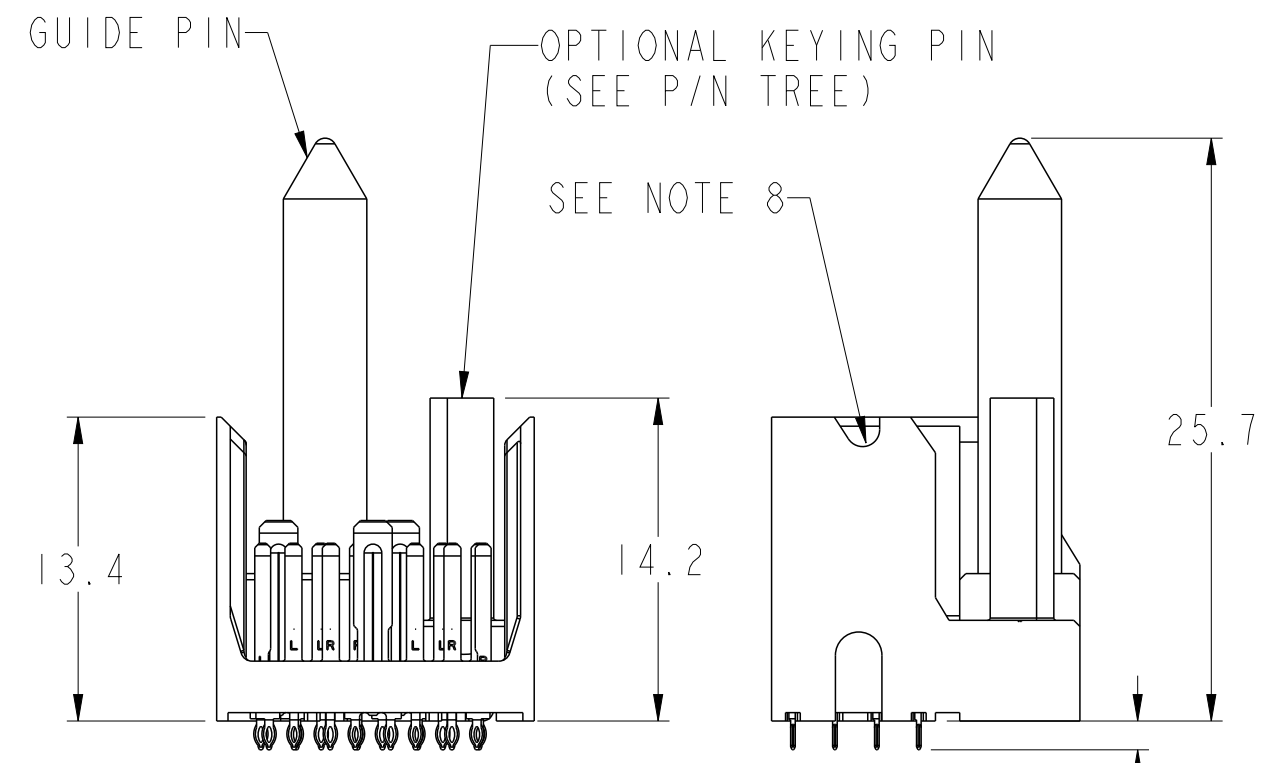
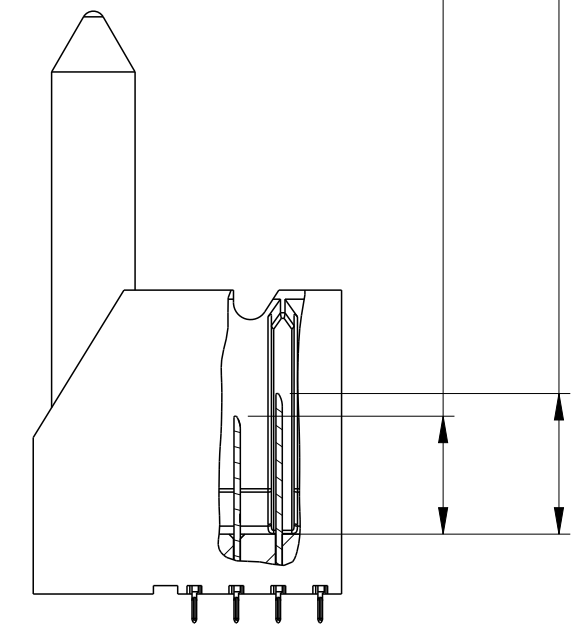
SEE NOTE 5

TO TOP SURFACE OF DAUGHTERCARD



- 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)

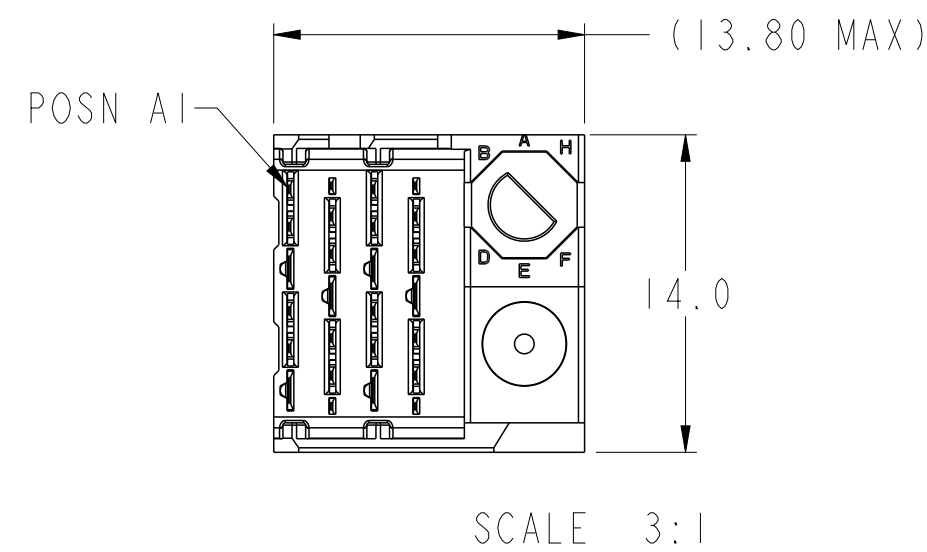
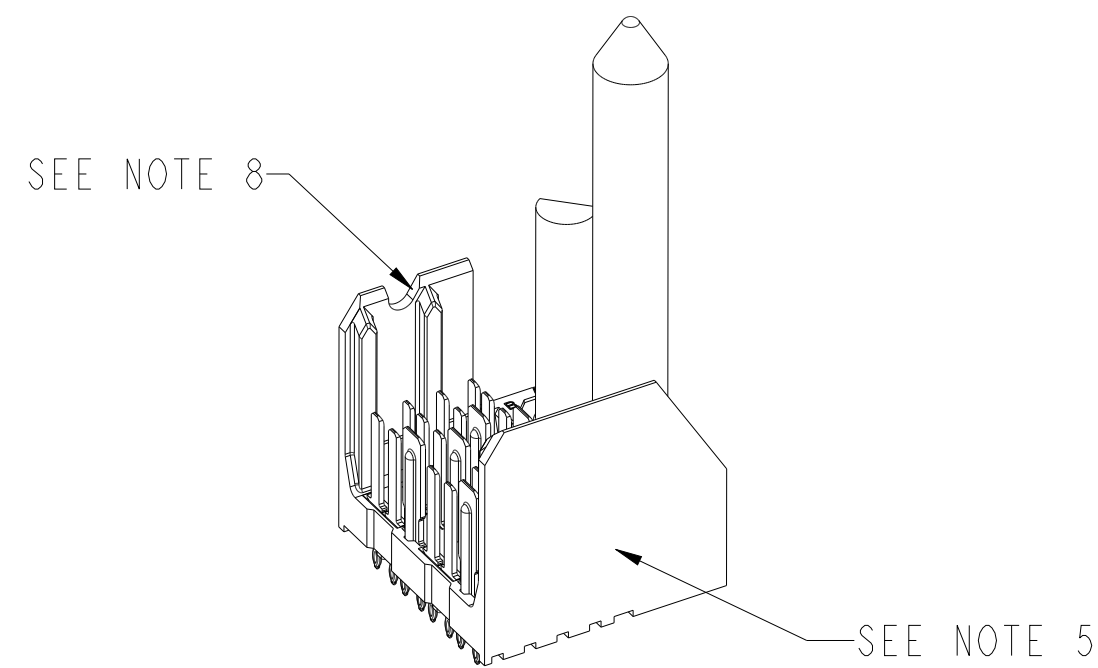
(SEE P/N TREE FOR ALL COMBINATIONS AVAILABLE)



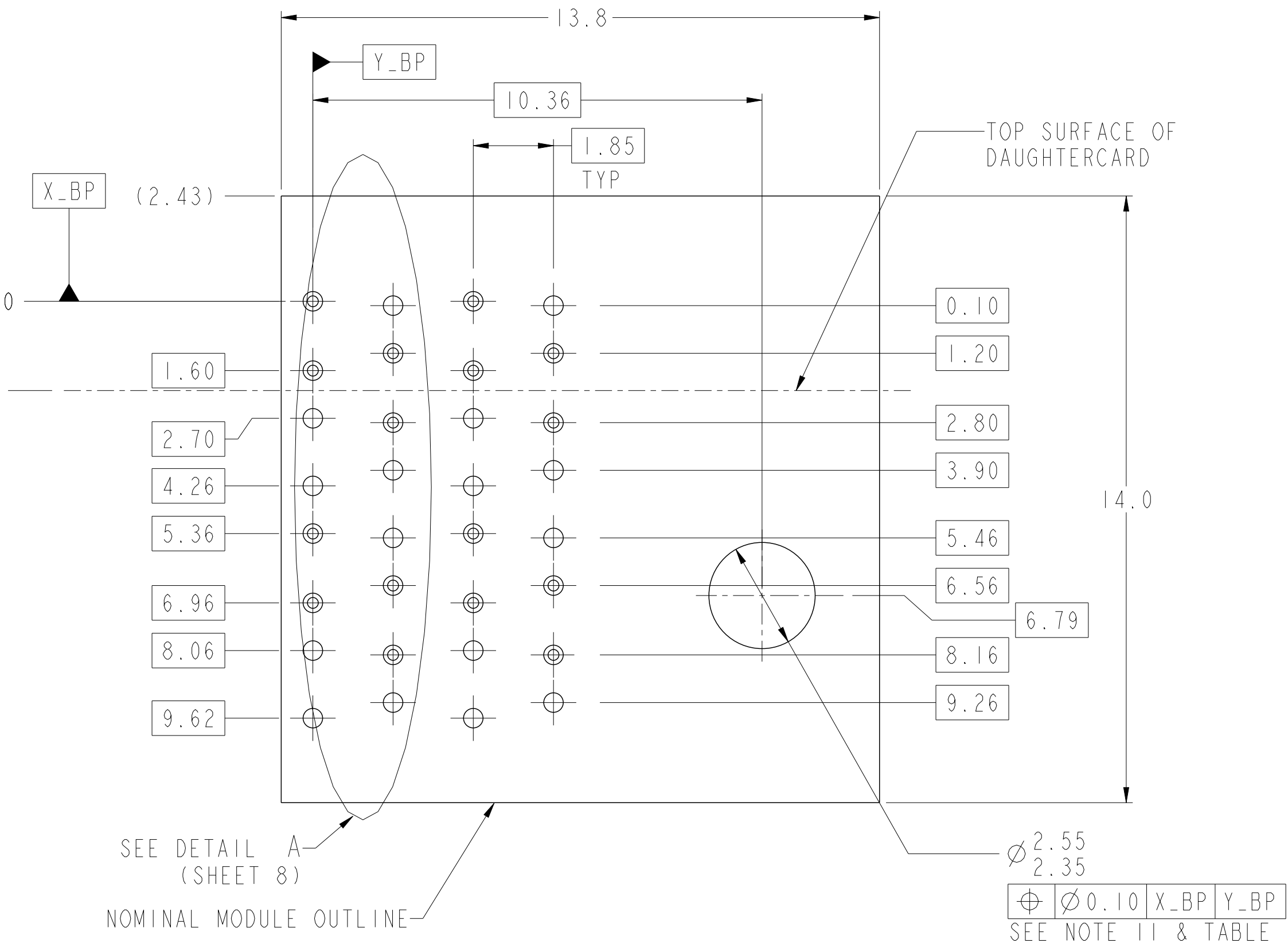
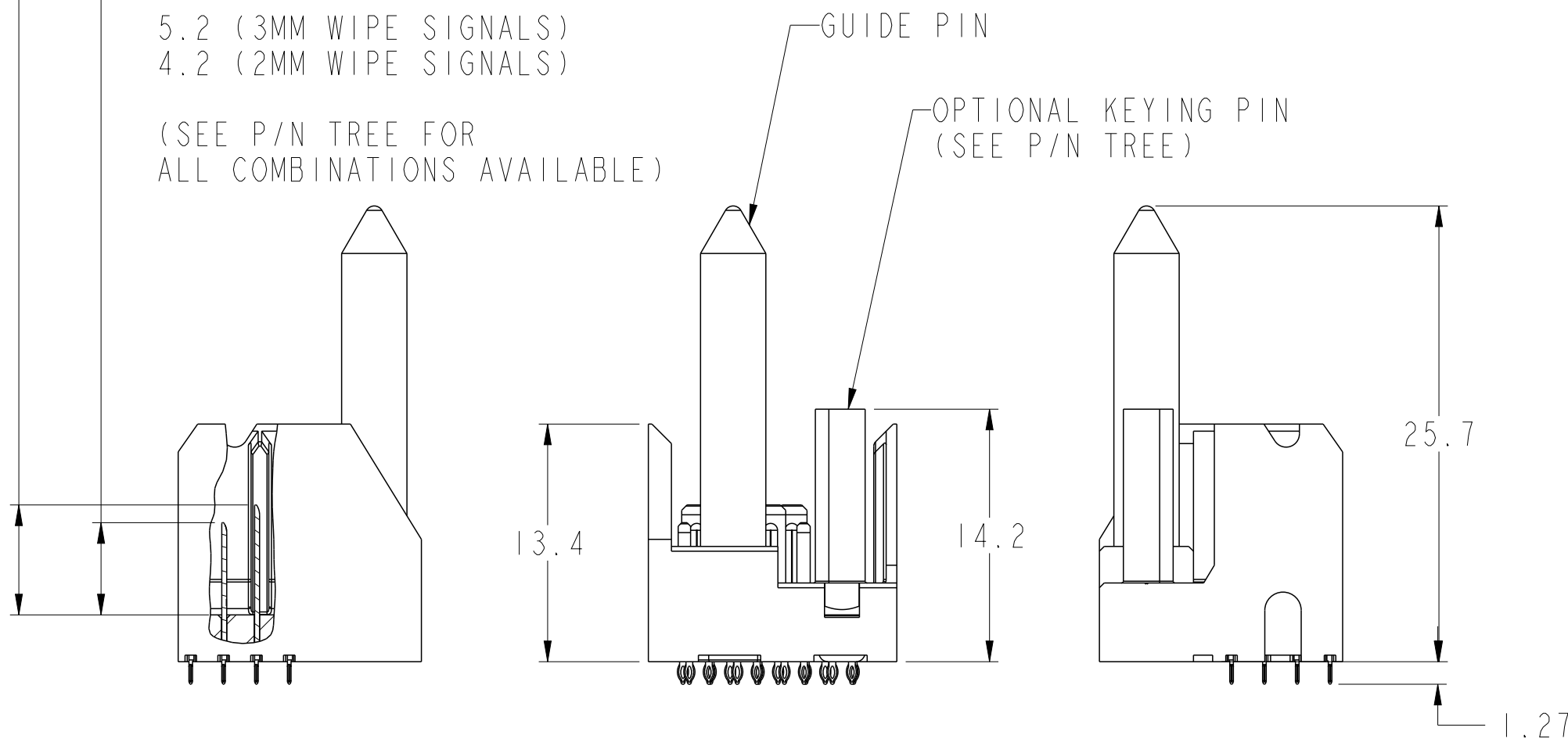
$\varnothing$	$\varnothing 0.10$	X_BP	Y_BP
SEE NOTE 11 & TABLE 1			

spec ref		SEE NOTES		dr	Kok-Hoe Lee	2010/06/25	projection 	MM 	size	A2	scale	3:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Michael Song	2016/06/03			ecn no	ELX-DG-24191-1			
ASME Y14.5				chr	Heaven Cen	2016/06/08				product family	- rel level		
				appr	Pei-Ming Zheng	2016/06/15							
surface ✓ ASME Y14.5	linear	0.X	±0.2	Amphenol FCI	title	MODULE ASSEMBLY VERTICAL HEADER, 4-COLUMN, 2-PAIR			dwg no	10114868		rev	F
		0.XX	±0.10										
		0.XXX	±0.050										
	angular	0°	±°	cat. no.		SEE P/N TREE		Product - Customer Drw			sheet 3 of 8		

RIGHT 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

spec ref	SEE NOTES	dr	Kok-Hoe Lee	2010/06/25	projection	MM	size	A2	scale	3:1
tolerance std	ASME Y14.5	eng	Michael Song	2016/06/03	chr	Heaven Cen	ecm no	ELX-DG-24191-1	rel level	Released
surface	ASME Y14.5	appr	Pei-Ming Zheng	2016/06/15	product family	-	cat. no.	SEE P/N TREE	Product - Customer Drw	sheet 4 of 8
linear	0.X ±0.2 0.XX ±0.10 0.XXX ±0.050	angular	0° ±°	title	MODULE ASSEMBLY VERTICAL HEADER, 4-COLUMN, 2-PAIR	dwg no	10114868	rev	F	

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STATUS:Released

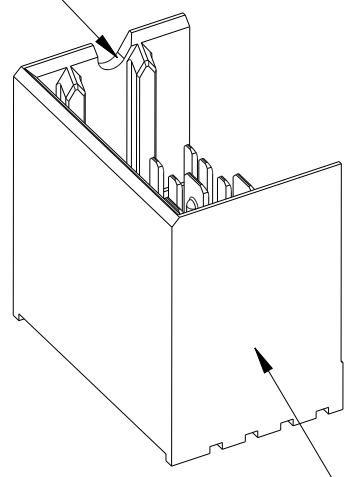
Printed: Jun 15, 2016

Amphenol
FCi

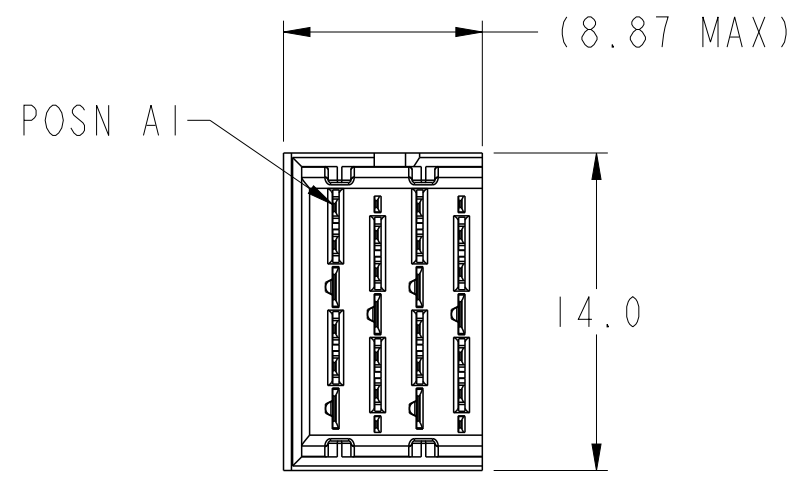
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LEFT WALL MODULE

SEE NOTE 8



SEE NOTE 5

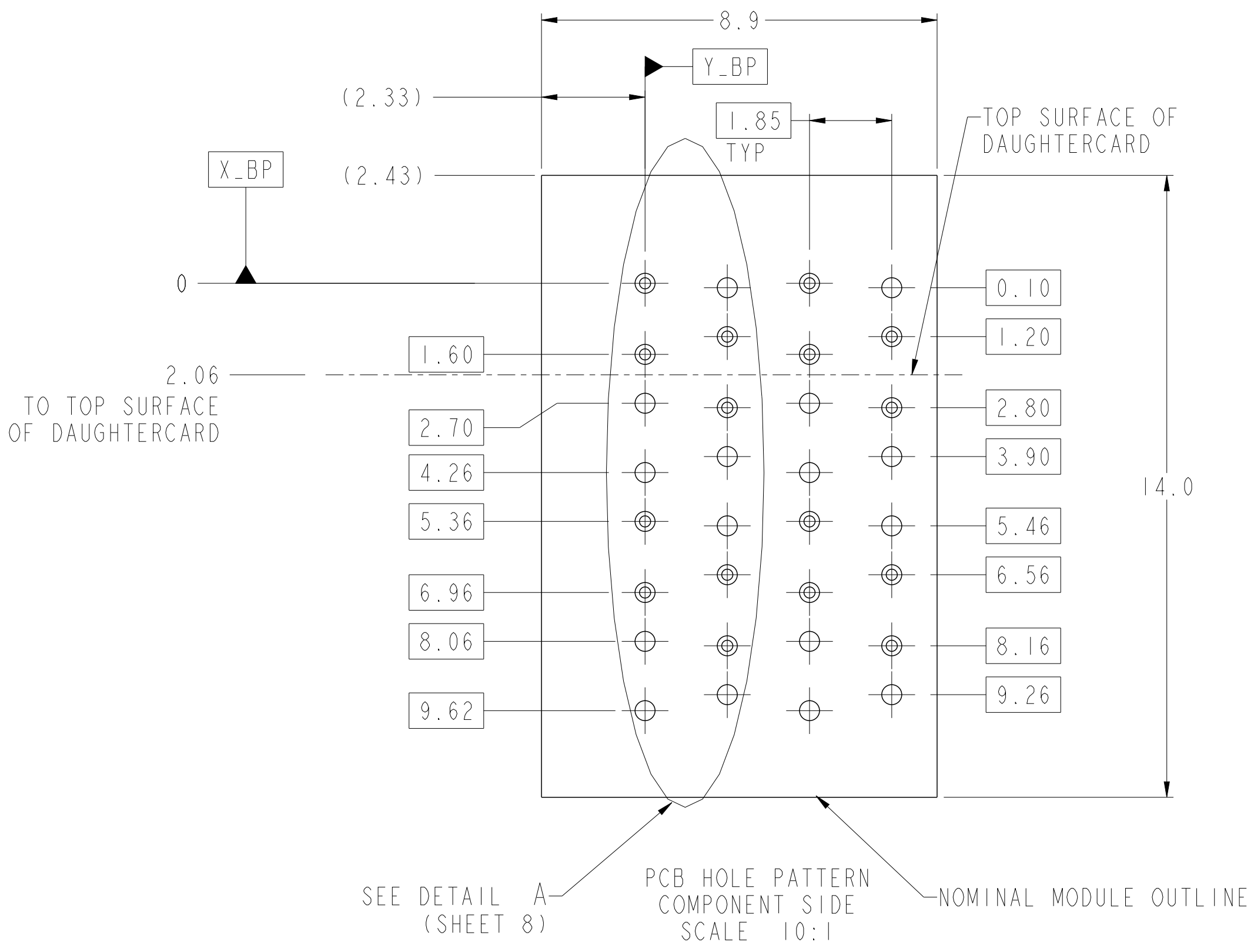
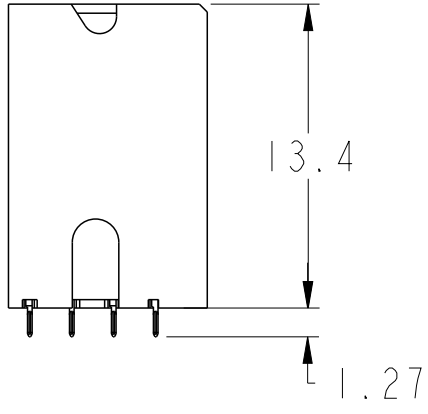
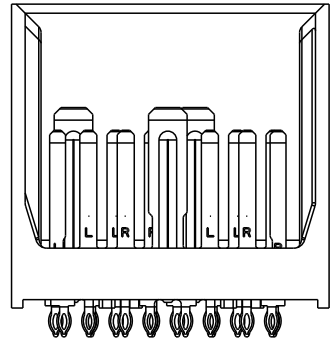
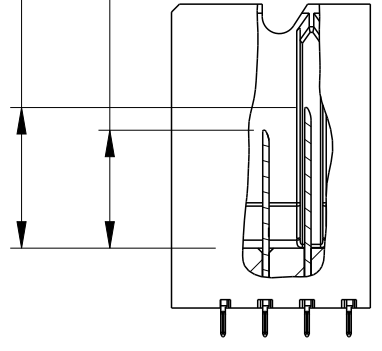


SCALE 3:1

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)

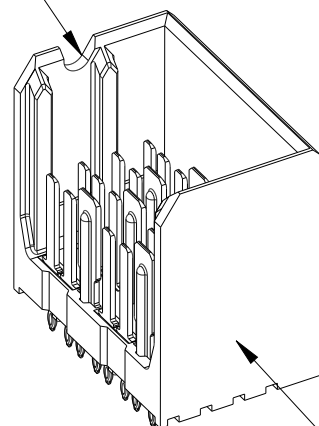
(SEE P/N TREE FOR ALL COMBINATIONS AVAILABLE)



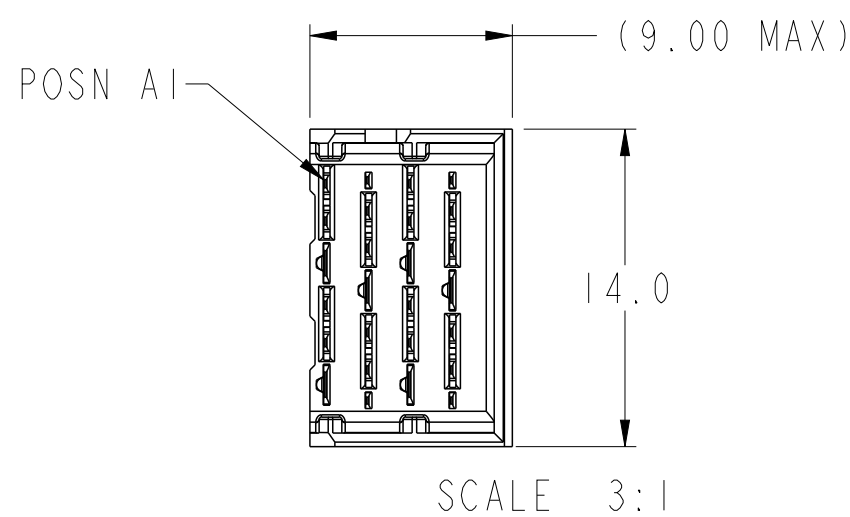
spec ref	SEE NOTES	dr	Kok-Hoe Lee	2010/06/25	projection	MM	size	A2	scale	3:1
tolerance std	ASME Y14.5	eng	Michael Song	2016/06/03	chr	Heaven Cen	ecn no	ELX-DG-24191-1	rel level	Released
surface	ASME Y14.5	appr	Pei-Ming Zheng	2016/06/15	product family		cat. no.	SEE P/N TREE	Product - Customer Drw	sheet 5 of 8
linear	0.X ±0.2 0.XX ±0.10 0.XXX ±0.050	angular	0° ±°	title	MODULE ASSEMBLY VERTICAL HEADER, 4-COLUMN, 2-PAIR	dwg no	10114868	rev	F	

RIGHT WALL MODULE

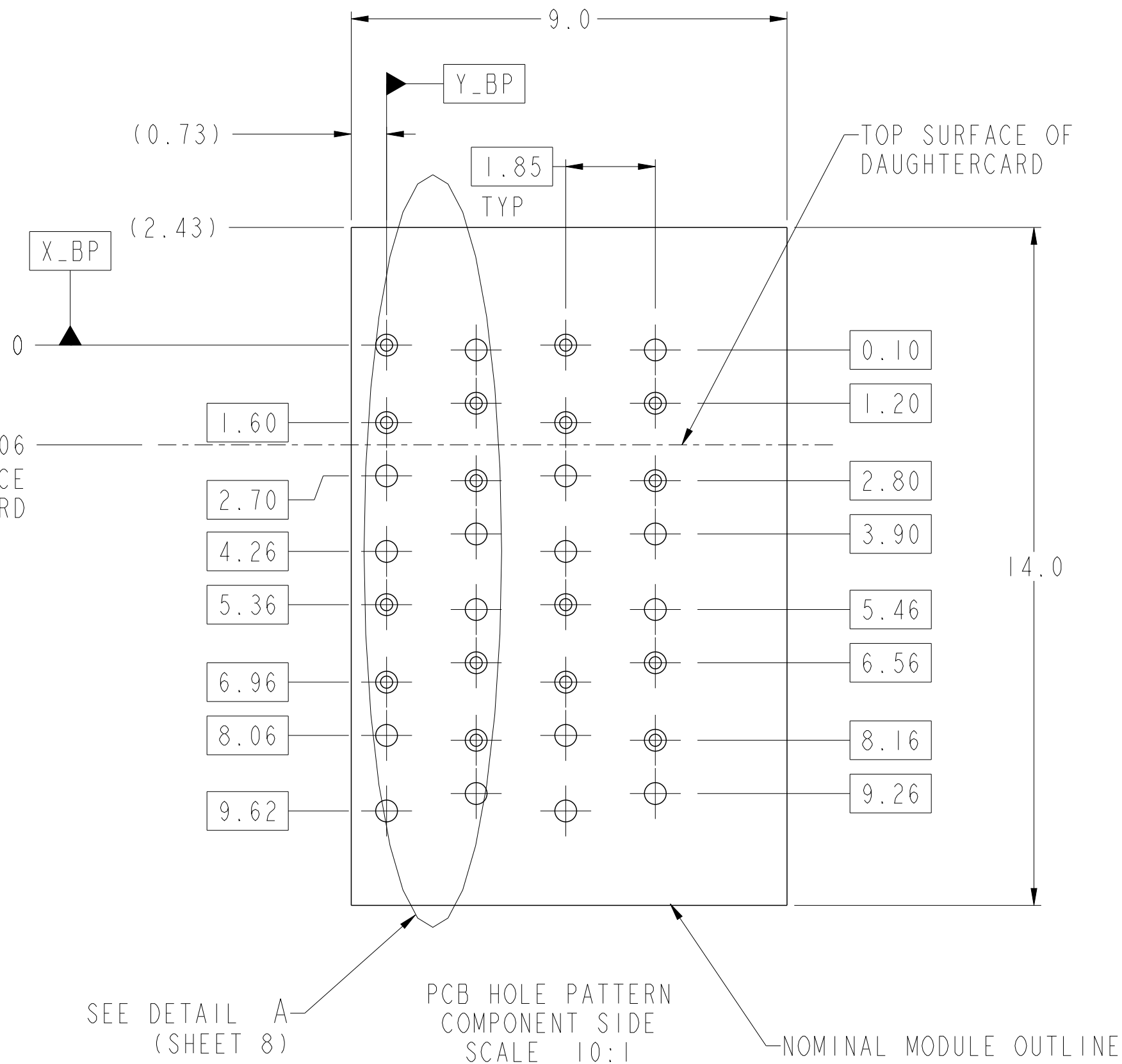
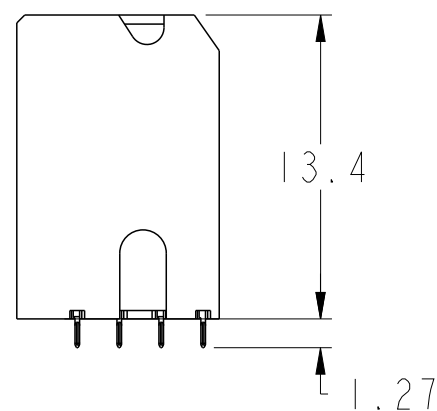
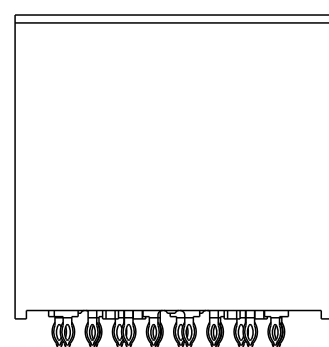
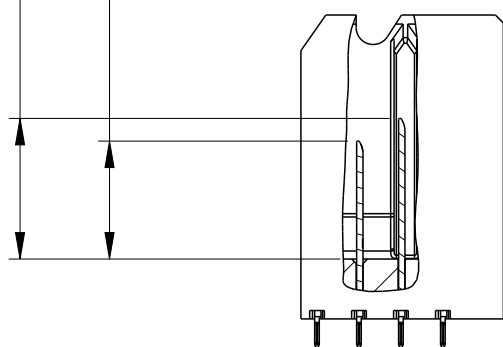
SEE NOTE 8



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)



spec ref	SEE NOTES	dr	Kok-Hoe Lee	2010/06/25	projection	MM	size	A2	scale	3:1
tolerance std	ASME Y14.5	eng	Michael Song	2016/06/03	chr	Heaven Cen	2016/06/08	ecn no	ELX-DG-24191-1	
		appr	Pei-Ming Zheng	2016/06/15	product family	-	rel level	Released		
surface	linear	0.X	±0.2	0.XX	±0.10	0.XXX	±0.050	angular	0°	±°
ASME Y14.5										
title	MODULE ASSEMBLY	cat. no.	SEE P/N TREE	Product - Customer Drw	sheet 6 of 8	rev	F			

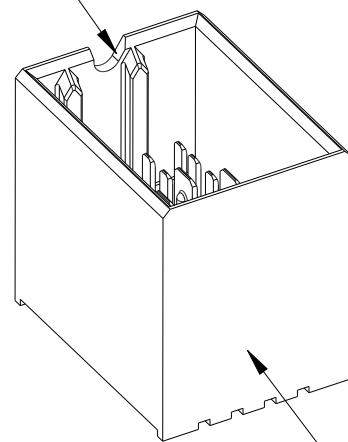
PDS: Rev :F

STATUS:Released

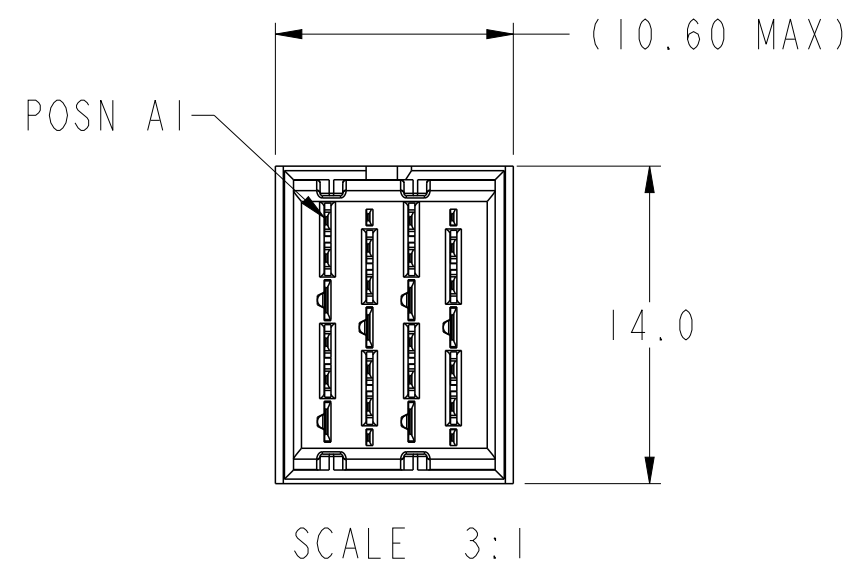
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FOUR WALL MODULE

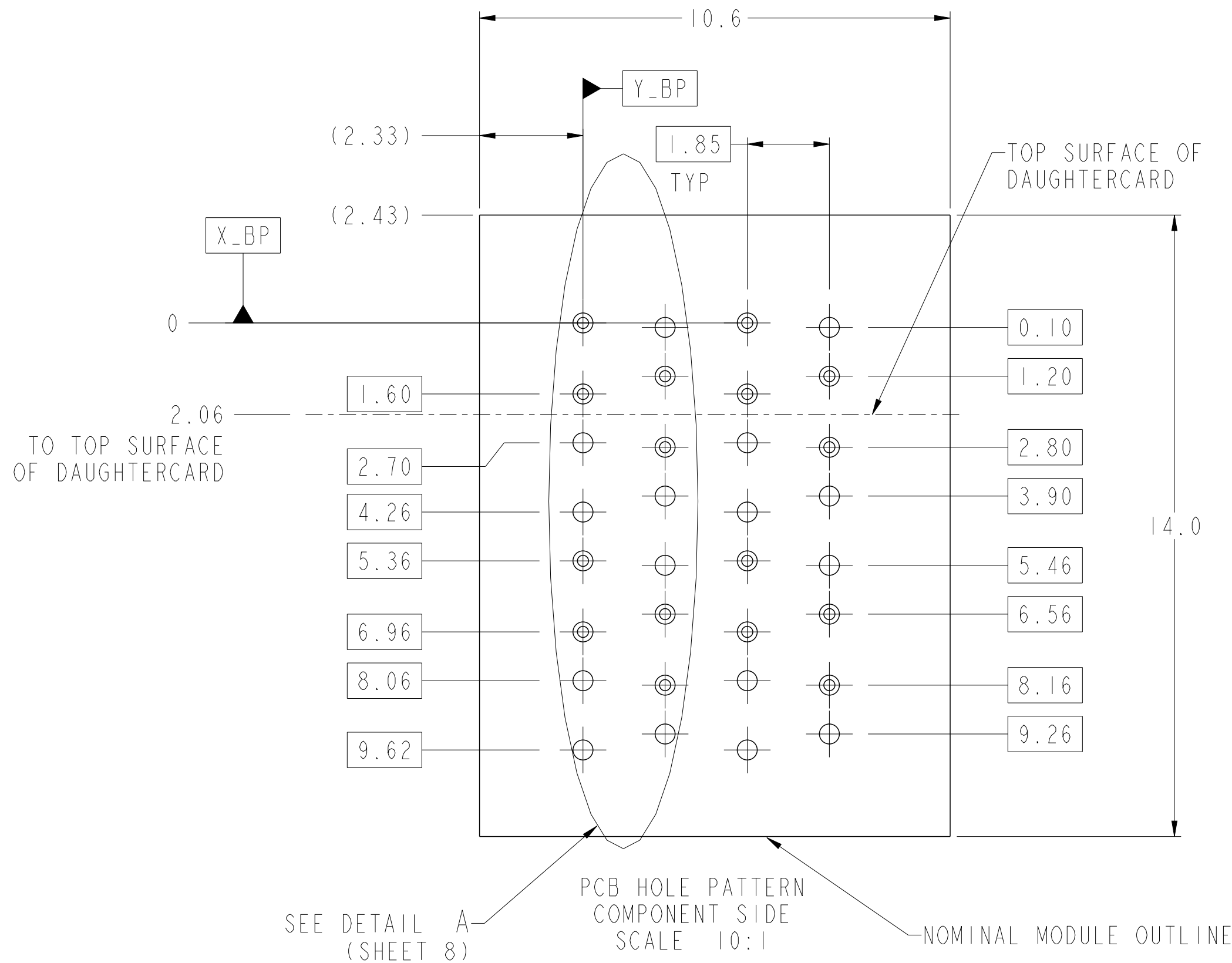
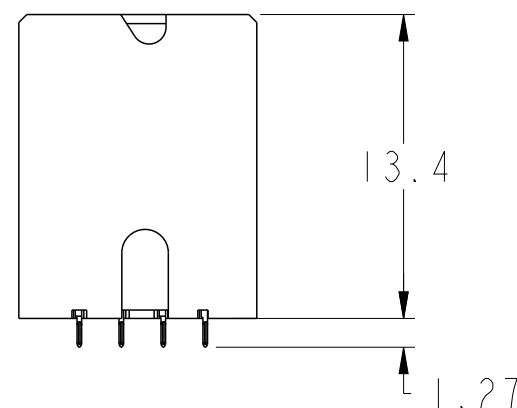
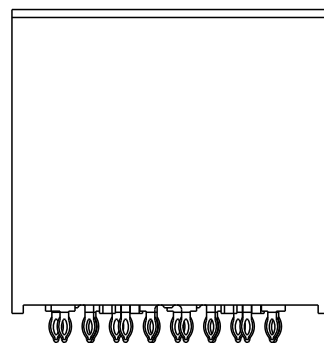
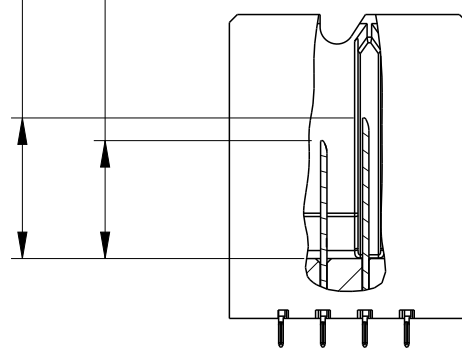
SEE NOTE 8



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)



spec ref	SEE NOTES		dr	Kok-Hoe Lee	2010/06/25	projection		MM		size	scale					
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Michael Song	2016/06/03					ecn no	ELX-DG-24191-1	A2	3:1			
ASME Y14.5			chr	Heaven Cen	2016/06/08	product family	-	rel level	Released							
			appr	Pei-Ming Zheng	2016/06/15											
surface		linear	0.X	±0.2	Amphenol	FCI	title	MODULE ASSEMBLY			dwg no	10114868	rev	F		
															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				

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STATUS:Released

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