

A

B

C

D

E

F

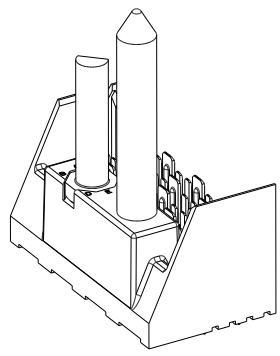
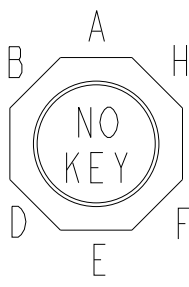
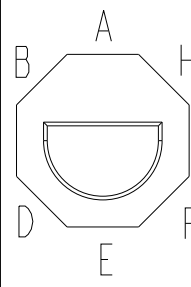
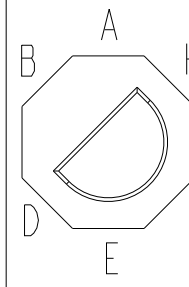
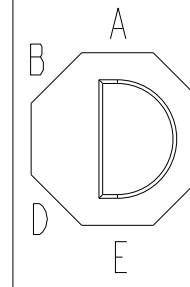
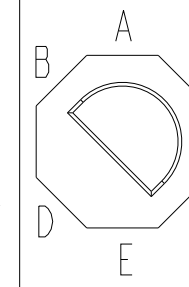
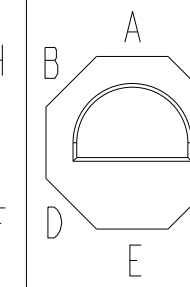
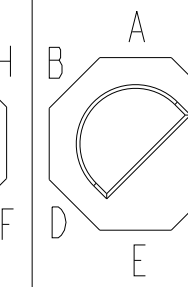
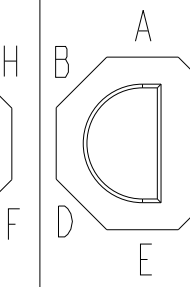
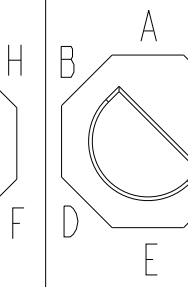
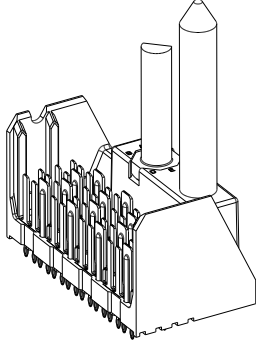
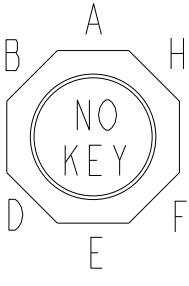
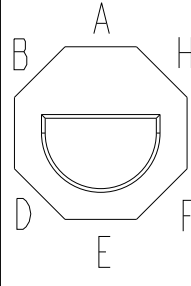
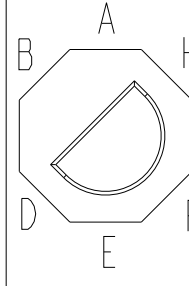
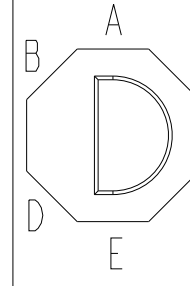
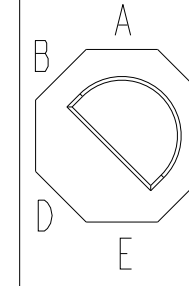
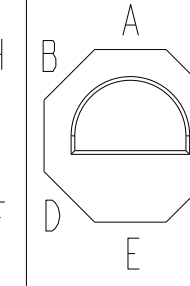
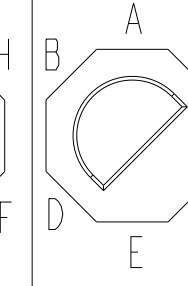
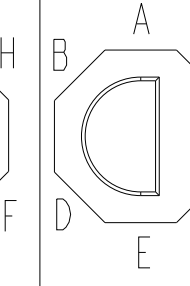
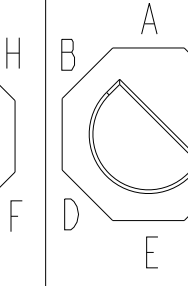
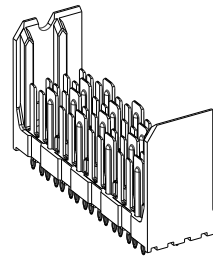
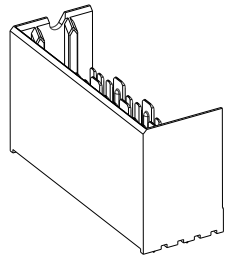
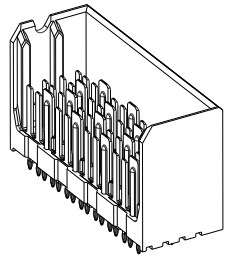
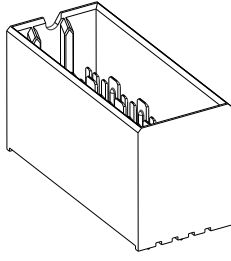
10091836 - X 0 J - X X X L F

4-COLUMN
DIFFERENTIAL
SIGNAL

LEAD-FREE DESIGNATION
ONLY WITH APPLICABLE
PLATING CODES

LETTER	PEFORMANCE-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

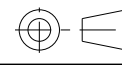
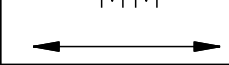
NUMBER	PIN STYLE, HEIGHT
0	STANDARD GUIDE PIN MACHINED, 31.6mm
4	STANDARD GUIDE PIN MACHINED, 25.7mm

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"]

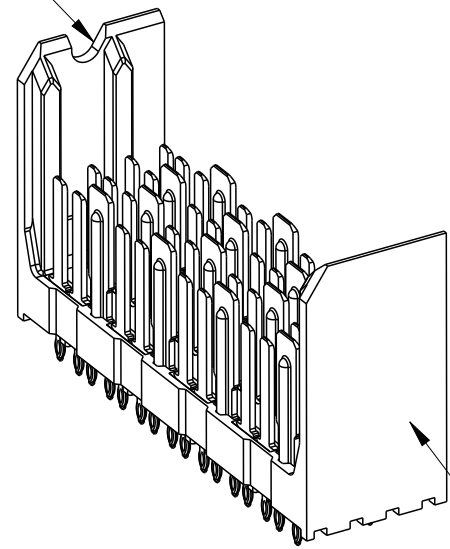
TABLE 1: OPTIONAL PCB HOLE SIZE (SEE NOTE 11)		
	GROUNDED	UNGROUNDED
FINISHED	Ø2.35-2.55	Ø2.35-2.55
PAD	Ø5.50	N/A
PLATED	YES	NO
DRILL (mm/in)	2.58 /.1015	2.44 /.096

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

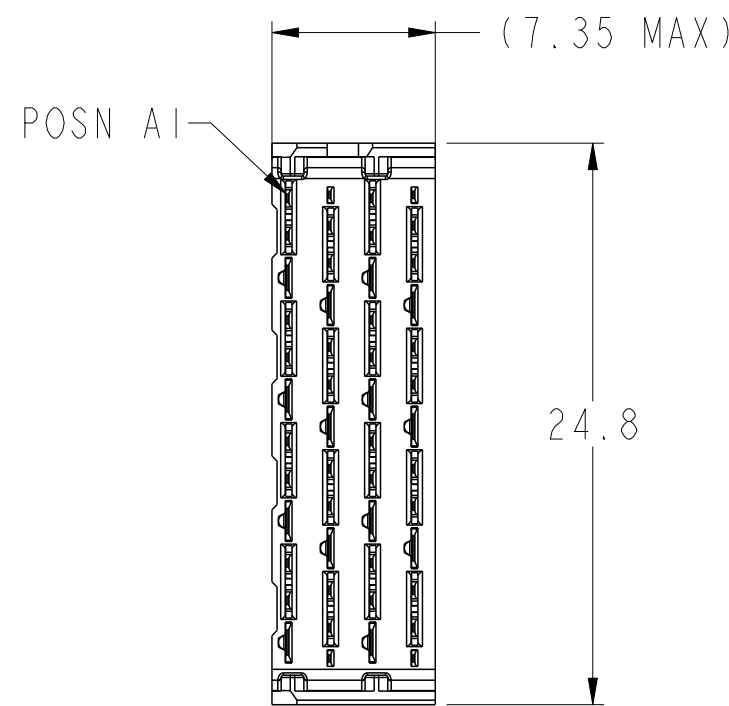
spec ref	SEE NOTES				dr	Jim Swain	2010/04/13		projection		size	A2	scale	4:1		
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED				eng	Michael Song	2016/06/06					ecn no	ELX-DG-24191-1			
ASME Y14.5					chr	Heaven Cen	2016/06/08					rel level	Released			
					appr	Pei-Ming Zheng	2016/06/15		product family		-					
surface	✓	linear	0.X	±0.2		title	MODULE ASSEMBLY					dwg no	10091836		rev	G
			0.XX	±0.10												
ASME Y14.5		angular	0°	±°			cat. no.	-	Product - Customer Drw							

OPEN (2-WALL) MODULE

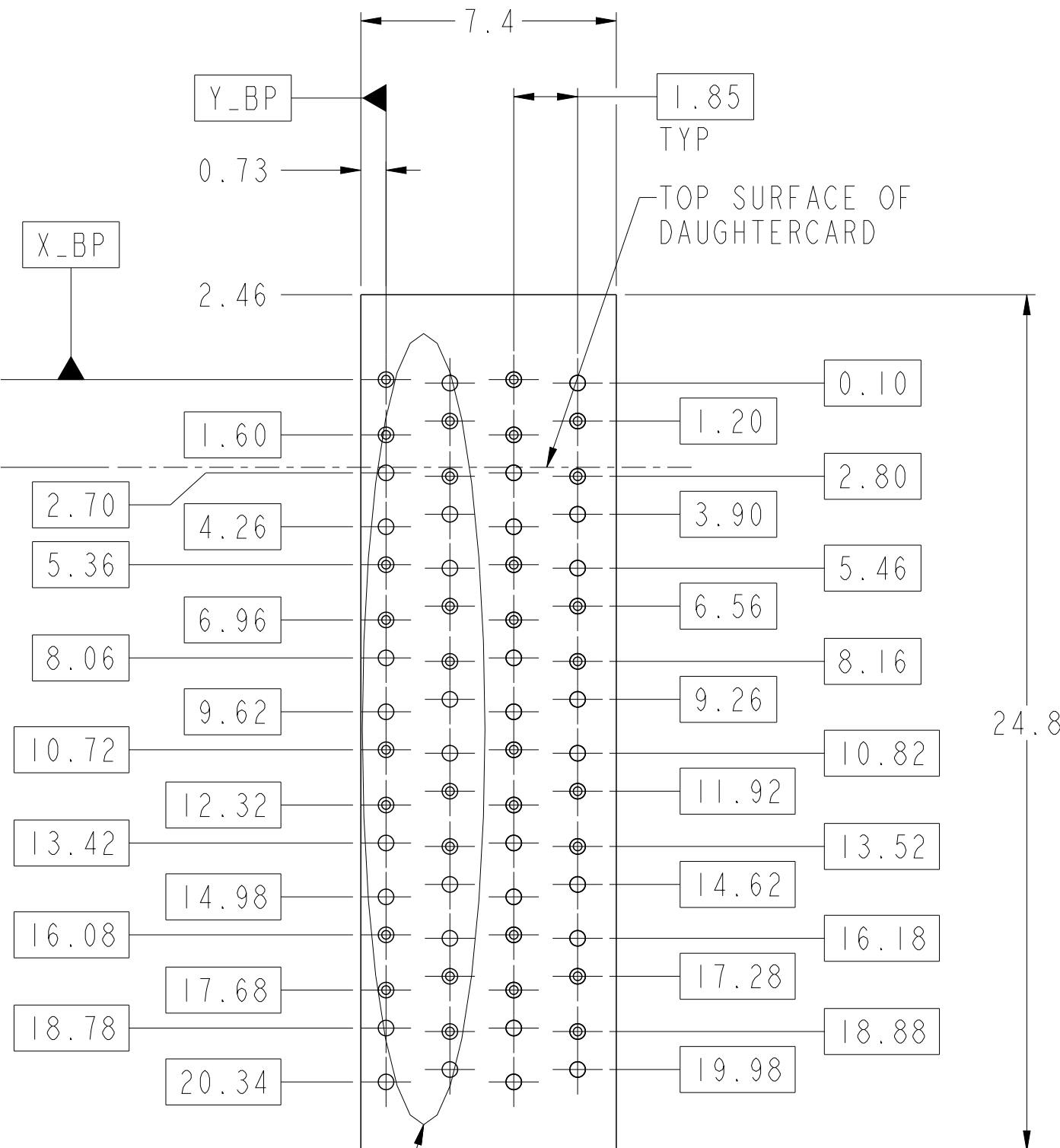
SEE NOTE 8



SEE NOTE 5



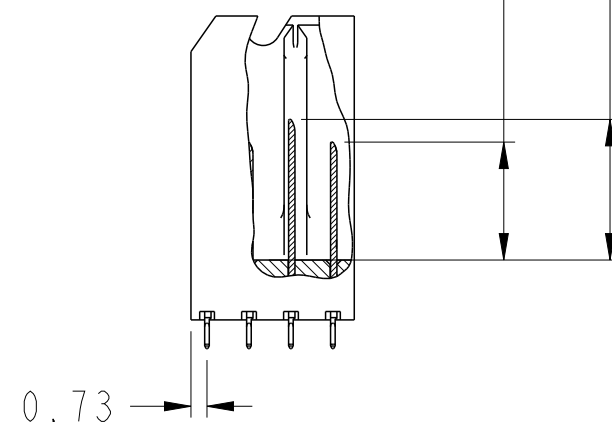
2.54
TO TOP SURFACE
OF DAUGHTERCARD



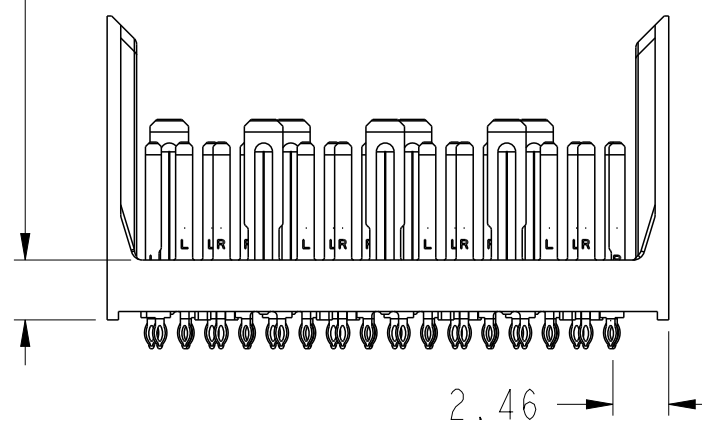
SEE DETAIL A
(SHEET 8)

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



TAIL LENGTH
SEE NOTE 12

spec ref	SEE NOTES	dr	Jim Swain	2010/04/13	projection	MM	size	A2	scale	4:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Michael Song	2016/06/06	chr	Heaven Cen	ecn no	ELX-DG-24191-1	rel level	Released
ASME Y14.5		appr	Pei-Ming Zheng	2016/06/15	product family	-	cat. no.	Product - Customer Drw	sheet 2 of 8	
surface	linear	0.X	±0.2	0.XX	±0.10	0.XXX	±0.050	angular	0°	±°
ASME Y14.5										

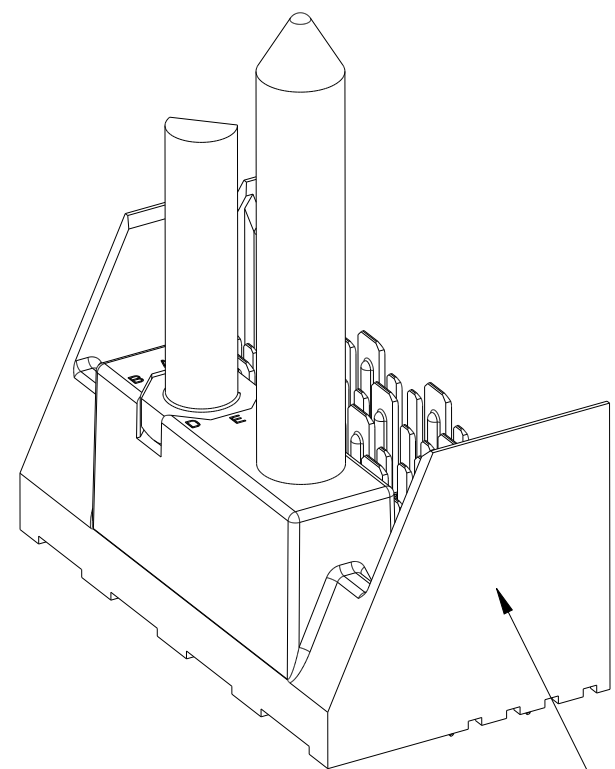
Amphenol FCI	MODULE ASSEMBLY	10091836	G
cat. no.	Product - Customer Drw	sheet 2 of 8	

PDS: Rev :G

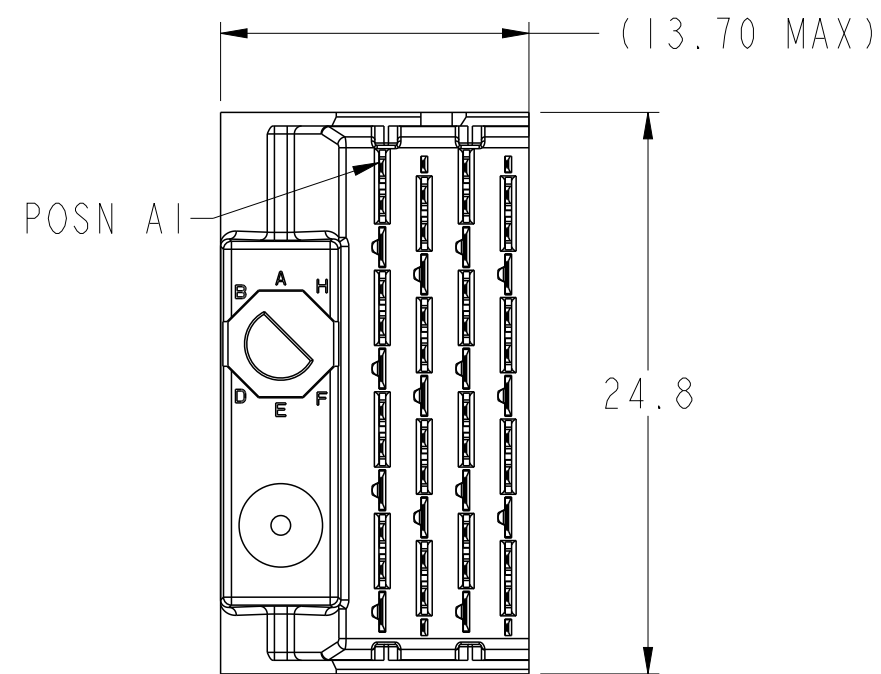
STATUS:Released

Printed: Jun 15, 2016

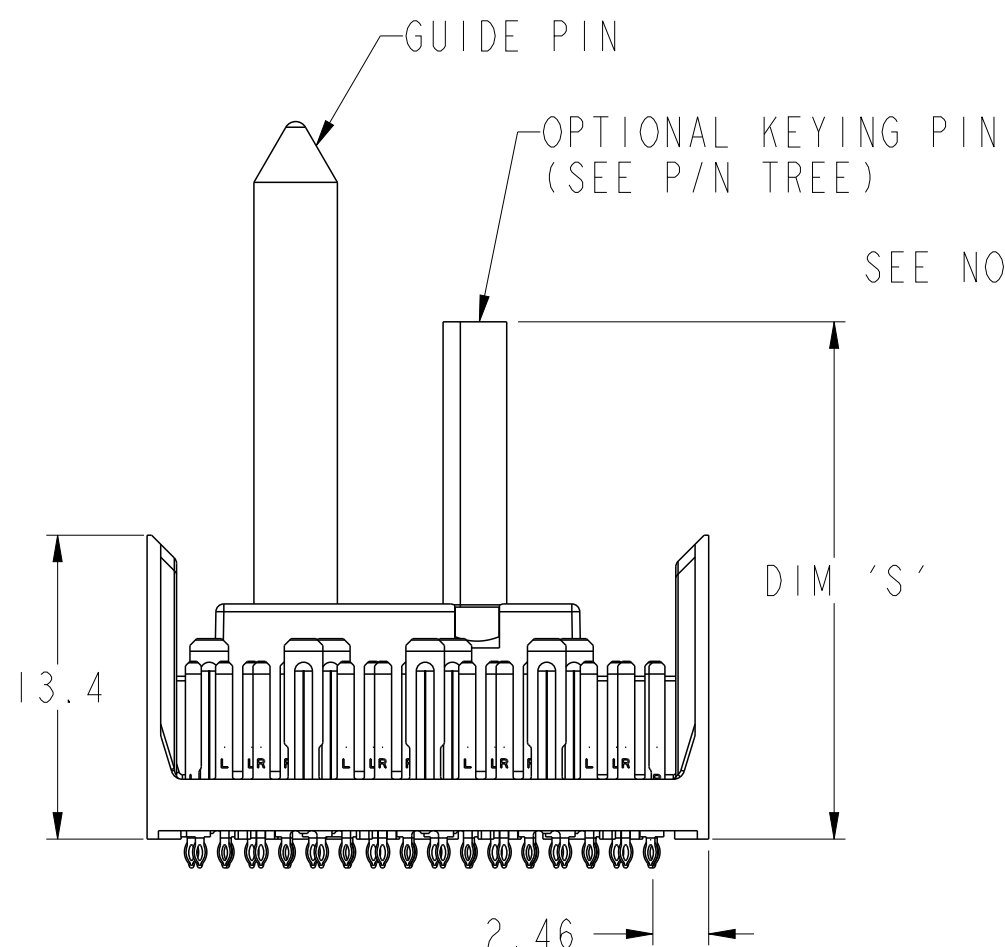
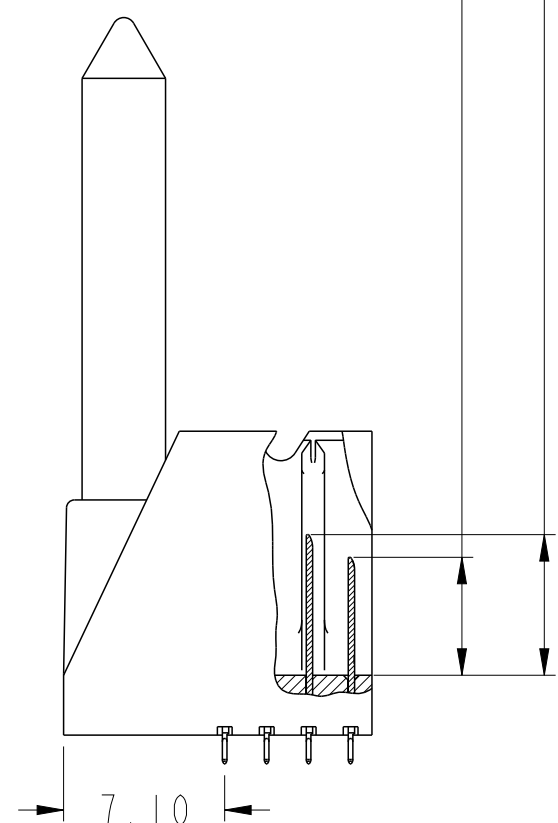
LEFT POLARIZING/GUIDE MODULE



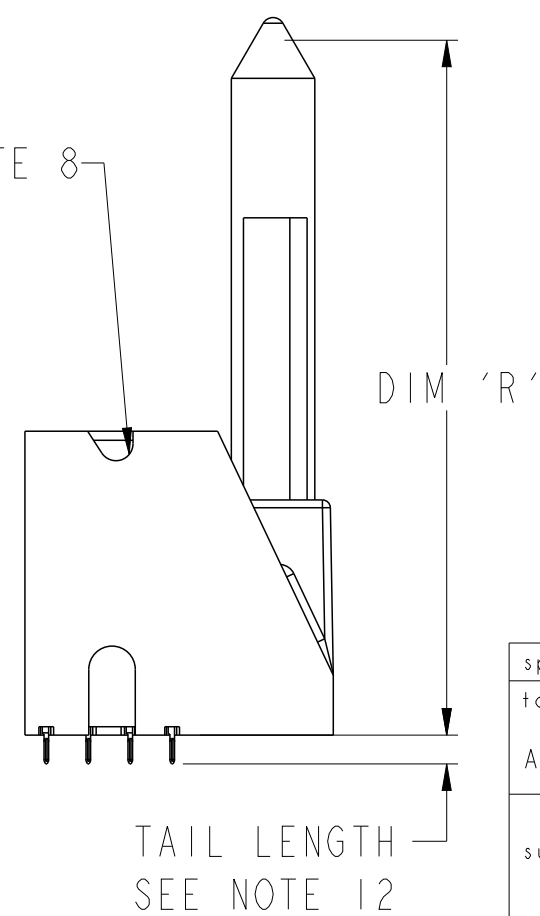
SEE NOTE 5



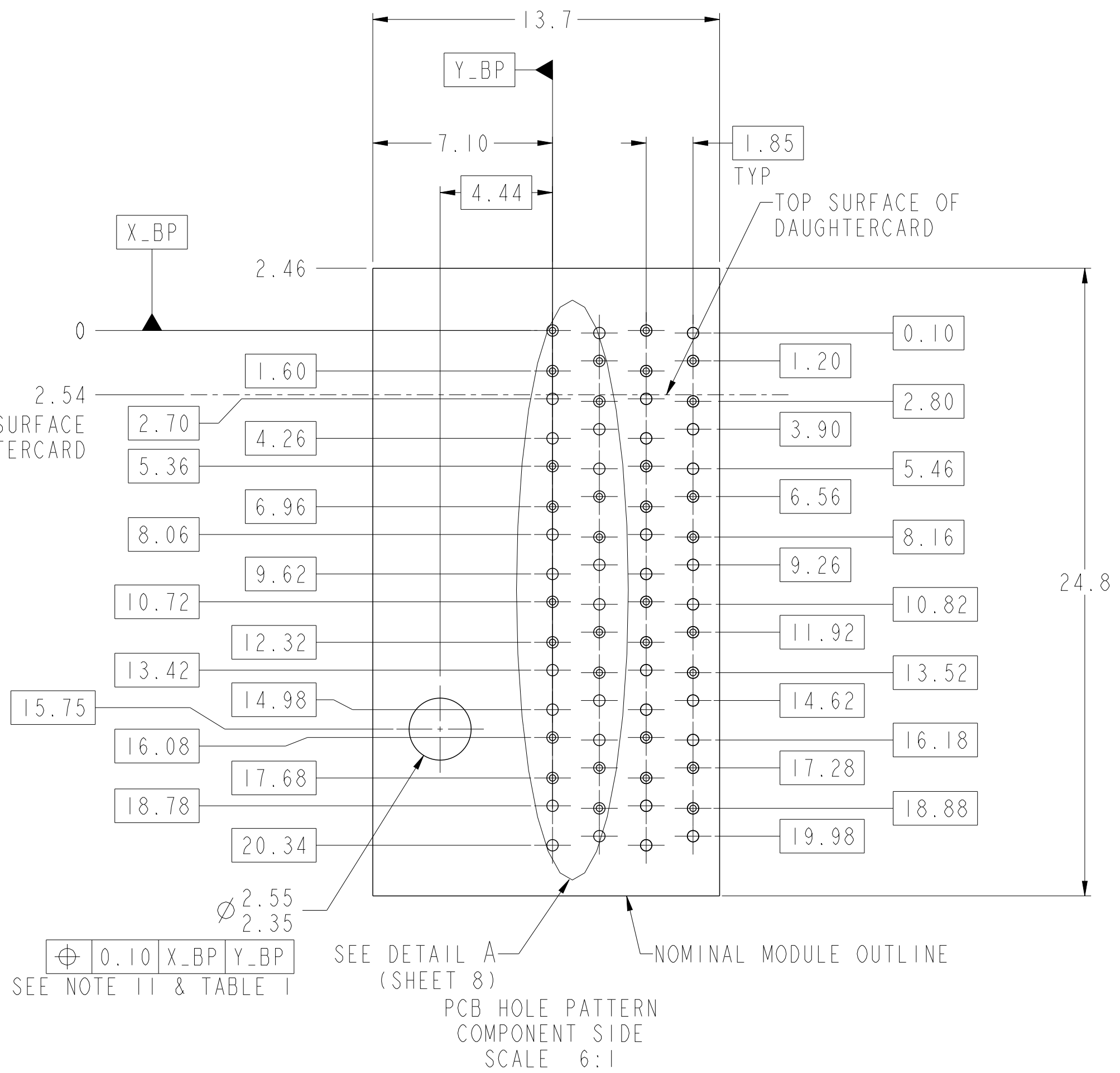
- 6.2 (4MM WIPE WIDE GROUNDS)
- 5.2 (3MM WIPE WIDE GROUNDS)
- 5.2 (3MM SMALL END GROUNDS)
- 5.2 (3MM WIPE SIGNALS)
- 4.2 (2MM WIPE SIGNALS)
- SEE P/N TREE



SEE NOTE 8



TO TOP SURFACE OF DAUGHTERCARD



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

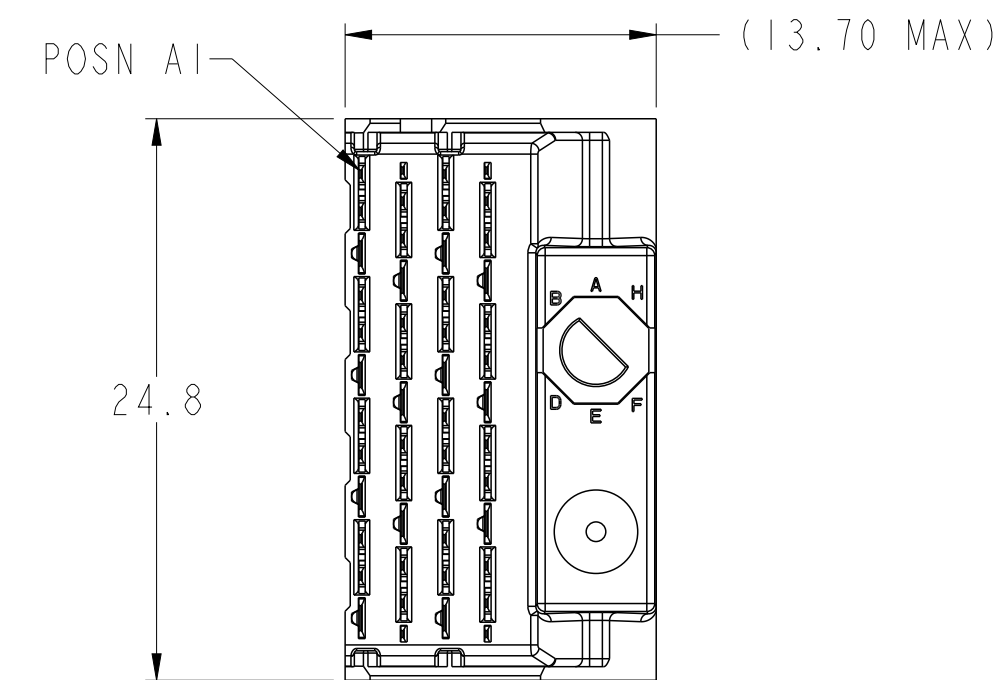
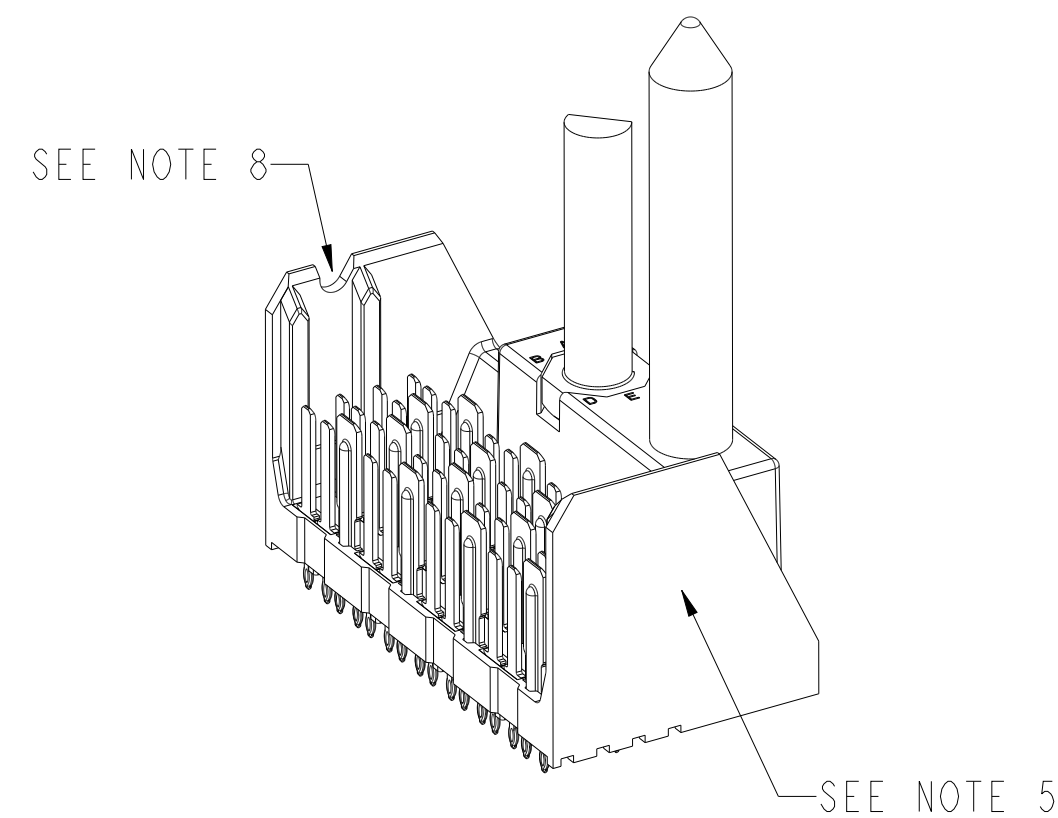
spec ref		SEE NOTES		dr		Jim Swain		2010/04/13		projection				MM		size		A2		scale		3:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Michael Song		2016/06/06						ecn no		ELX-DG-24191-1		rel level		Released			
ASME Y14.5				chr		Heaven Cen		2016/06/08															
				appr		Pei-Ming Zheng		2016/06/15		product family		XCede											
surface		linear				title		MODULE ASSEMBLY		dwg no		10091836		rev		G							
		0.X																±0.2					
		0.XX																±0.10					
		0.XXX		±0.050																			
ASME Y14.5		angular		0°		±0°		cat. no.		SEE P/N TREE		Product - Customer Drw		sheet 3 of 8									

PDS: Rev :G

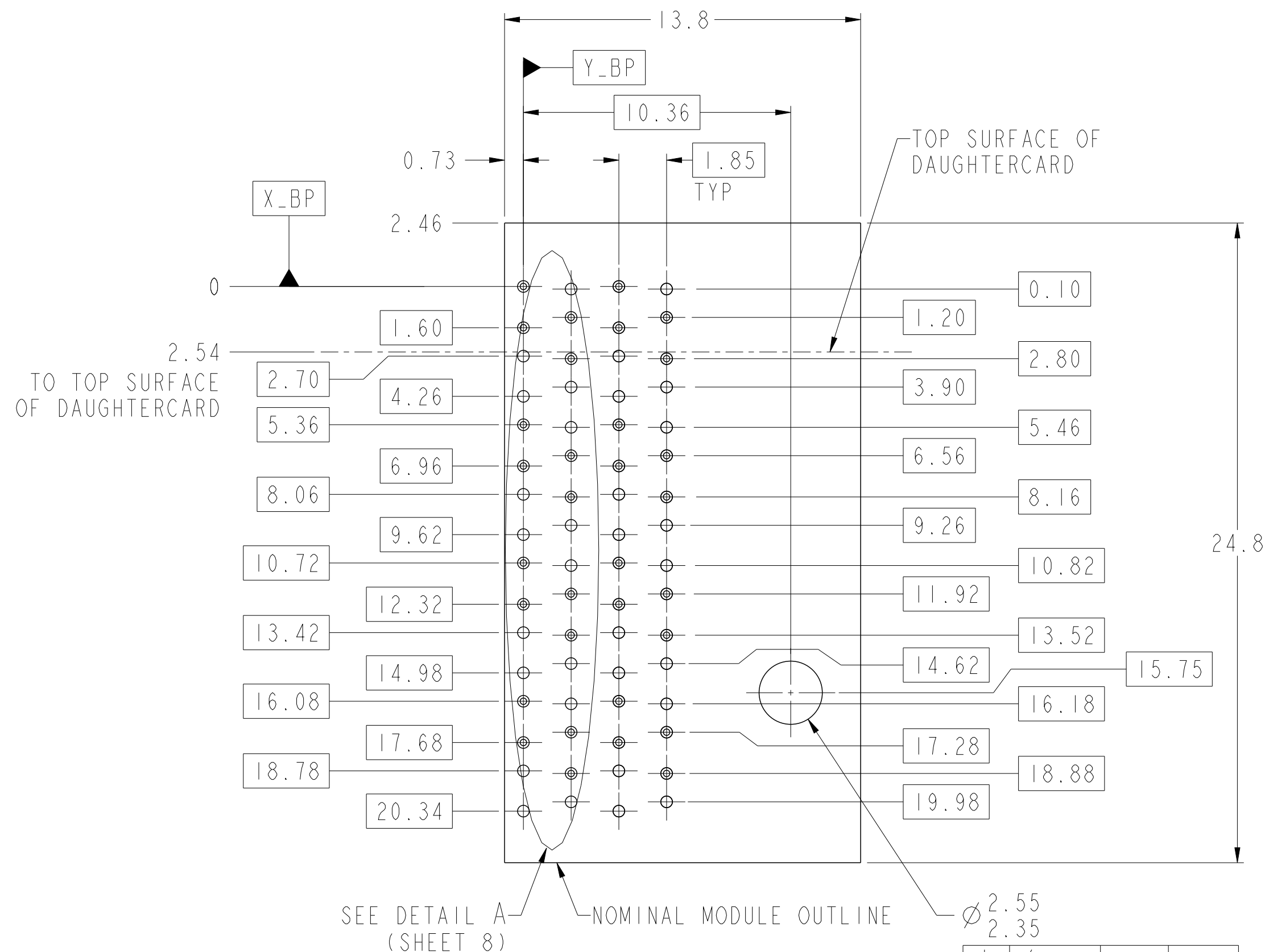
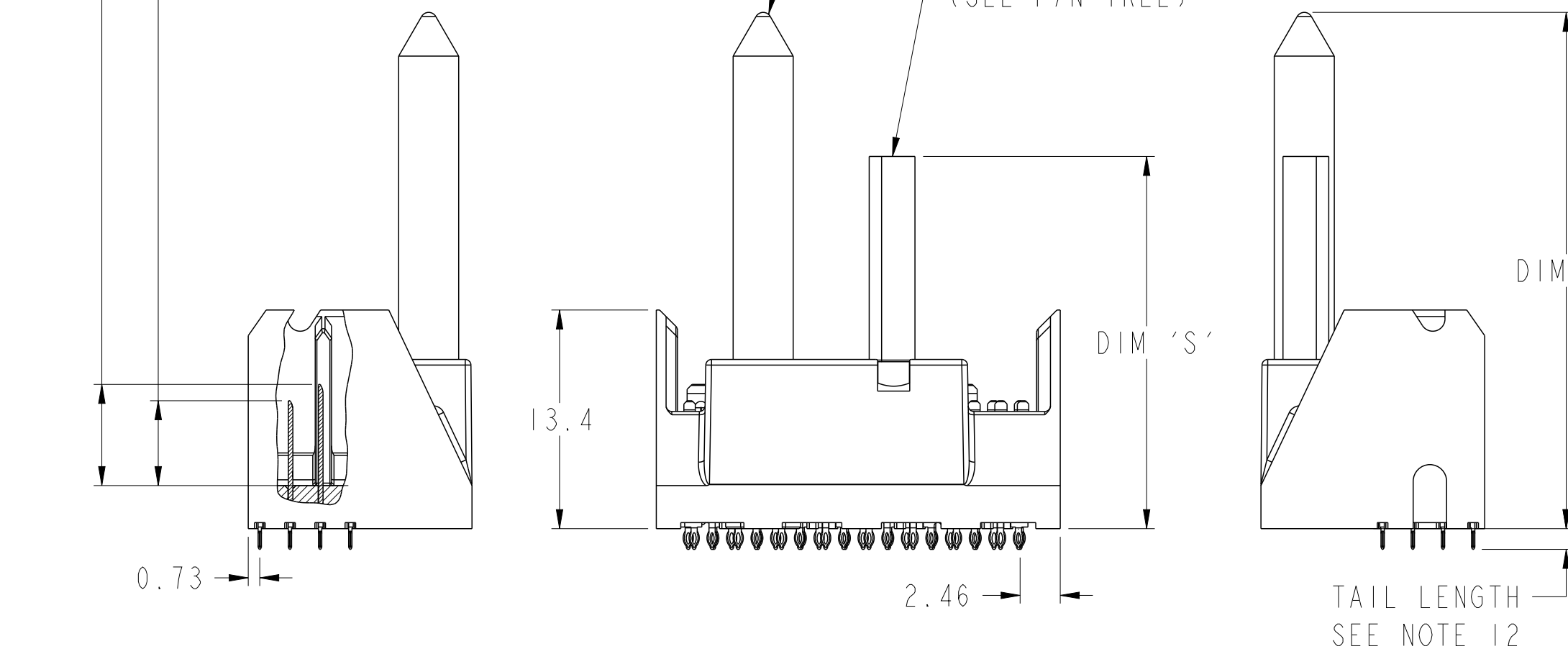
STATUS:Released

Printed: Jun 15, 2016

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



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		SEE NOTES		dr		Jim Swain		2010/04/13		projection		size		scale			
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Michael Song		2016/06/06				A2		3:1			
ASME Y14.5				chr		Heaven Cen		2016/06/08				ecn no		ELX-DG-24191-1			
				appr		Pei-Ming Zheng		2016/06/15		product family		XCede		rel level			
surface		linear		Amphenol FCi		title		MODULE ASSEMBLY VERTICAL HEADER, 4-COLUMN, 4-PAIR		dwg no		10091836		rev			
		0.X														±0.2	
		0.XX														±0.10	
ASME Y14.5		angular															
		0°															
		±0.050															
		±0°															

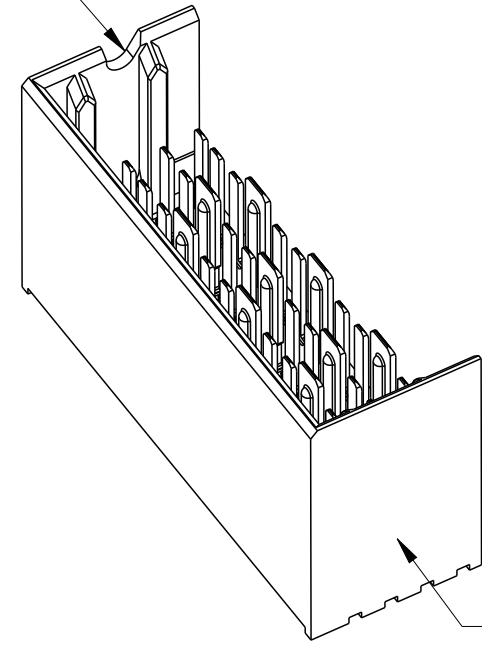
PDS: Rev: G

STATUS: Released

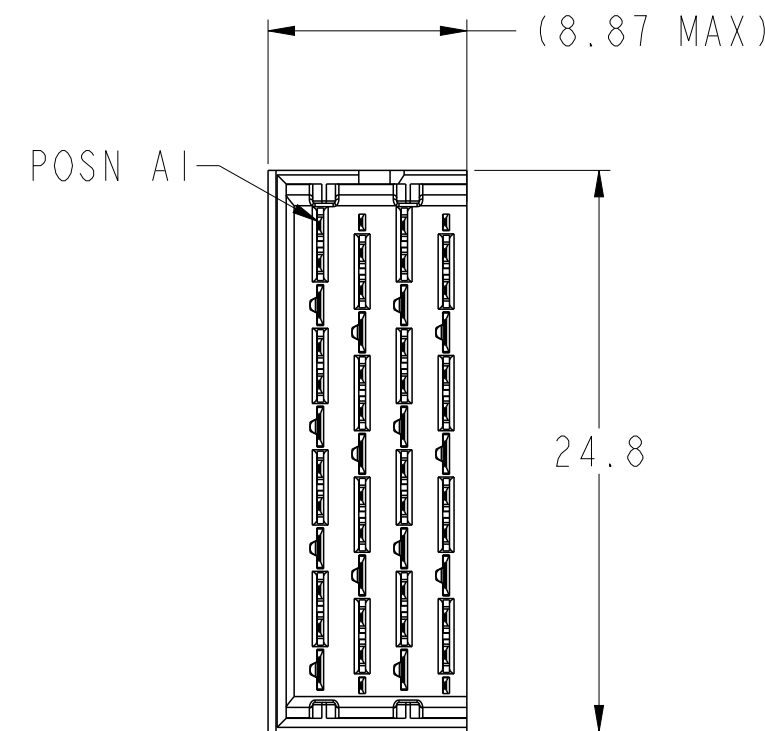
Printed: Jun 15, 2016

LEFT WALL MODULE

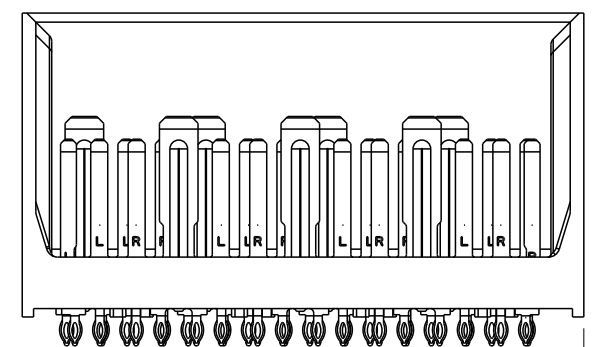
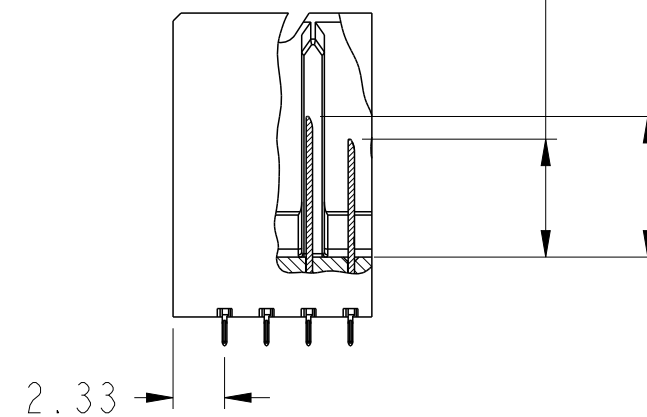
SEE NOTE 8



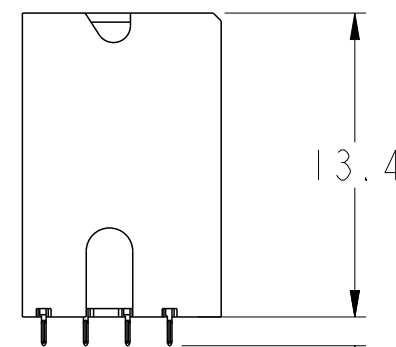
SEE NOTE 5



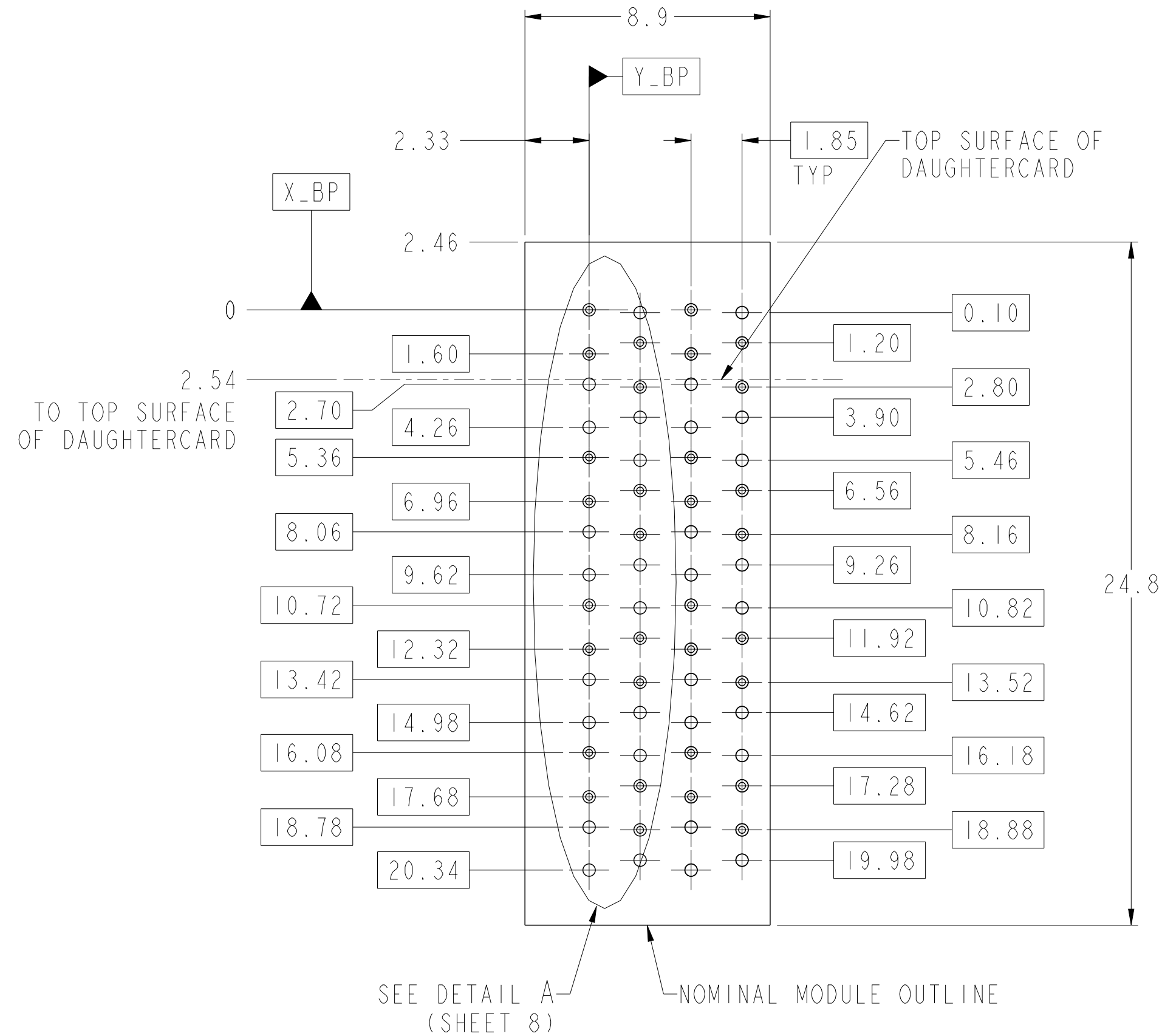
6.2 (4MM WIPE WIDE GROUNDS)
5.2 (3MM WIPE WIDE GROUNDS)
5.2 (3MM SMALL END GROUNDS)
5.2 (3MM WIPE SIGNALS)
4.2 (2MM WIPE SIGNALS)
SEE P/N TREE



2.46



TAIL LENGTH
SEE NOTE 12



PCB HOLE PATTERN
COMPONENT SIDE
SCALE 6:1

spec ref		SEE NOTES		dr		Jim Swain		2010/04/13		projection		MM		size		A2		scale		3:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Michael Song		2016/06/06						ecn no		ELX-DG-24191-1					
ASME Y14.5				chr		Heaven Cen		2016/06/08						rel level		Released					
		appr		Pei-Ming Zheng		2016/06/15		product family						XCede							
surface				linear				title		MODULE ASSEMBLY		dwg no		10091836		rev		G			
				0.X																±0.2	
				0.XX																±0.10	
ASME Y14.5		angular		0°		±0.050															

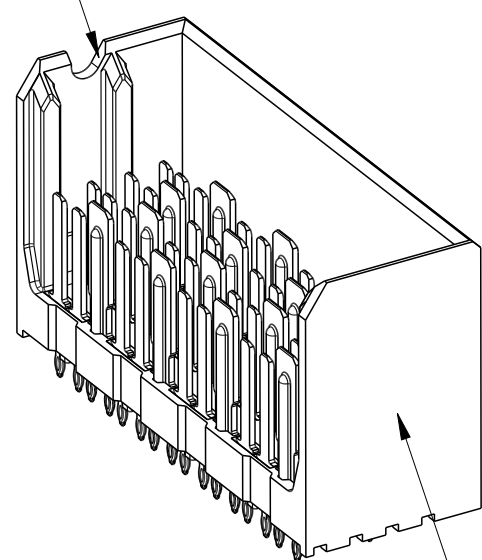
PDS: Rev :G

STATUS:Released

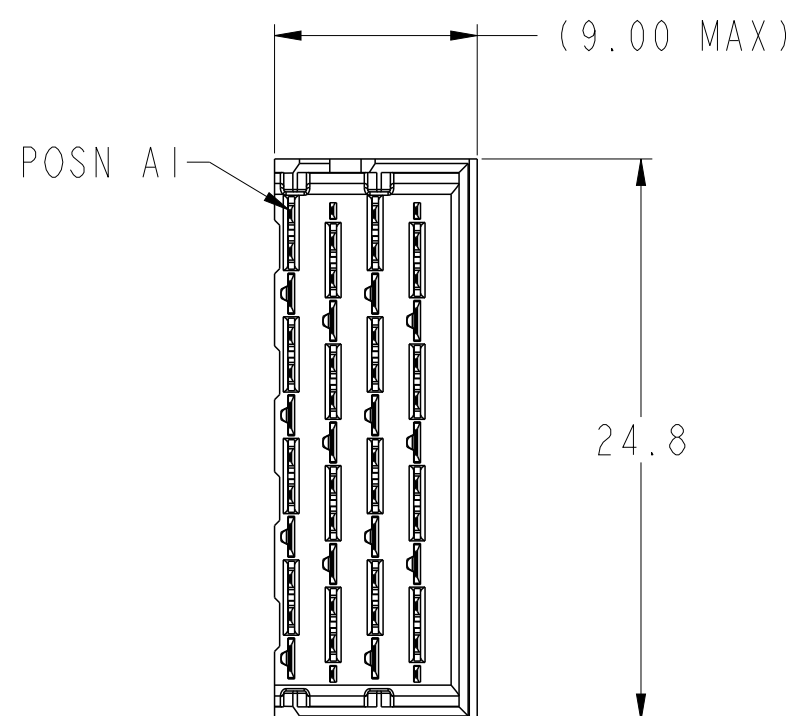
Printed: Jun 15, 2016

RIGHT WALL MODULE

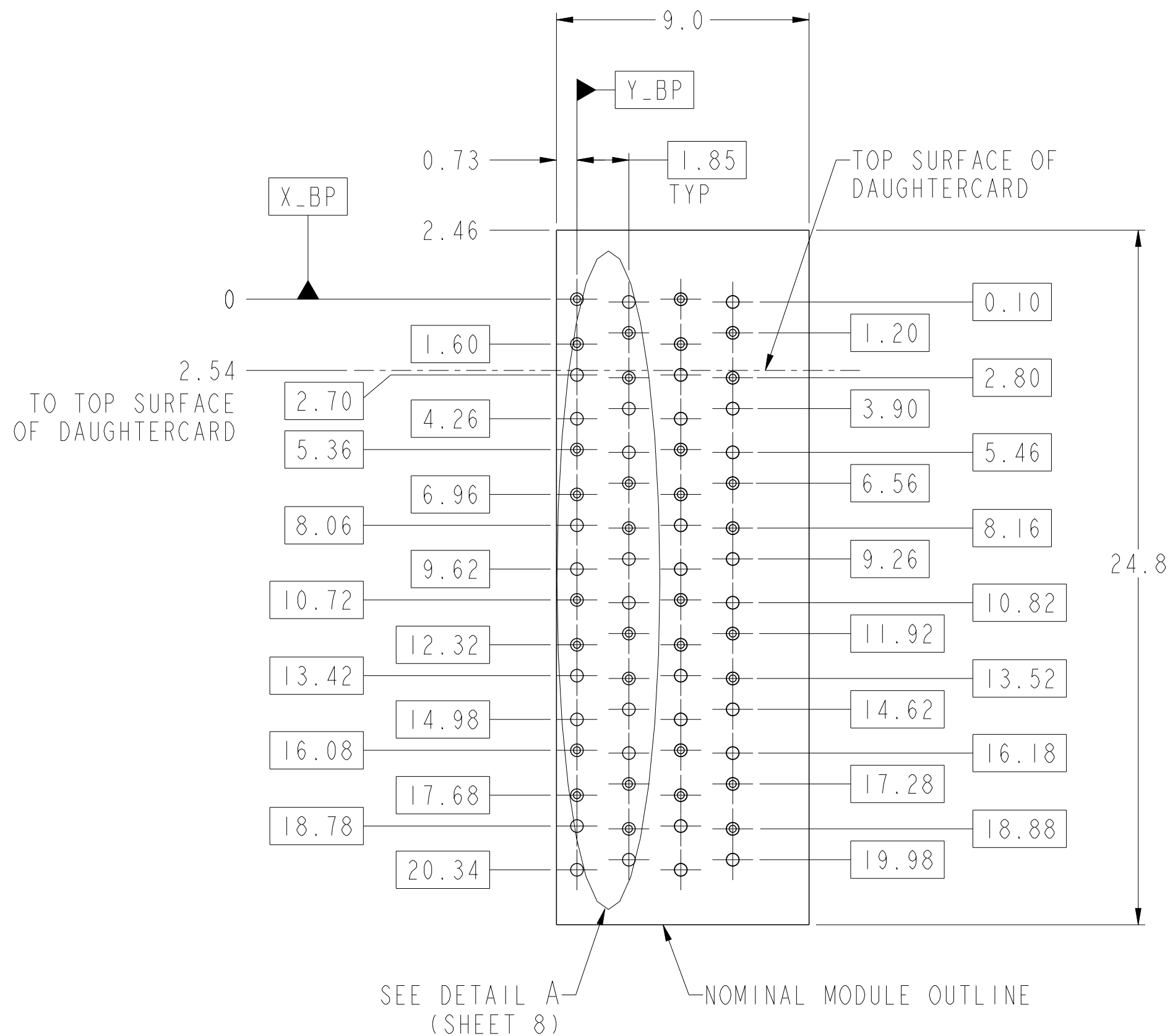
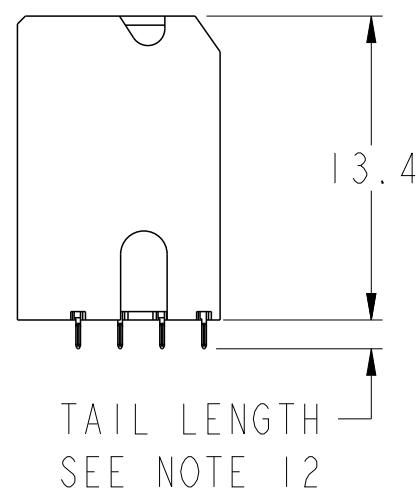
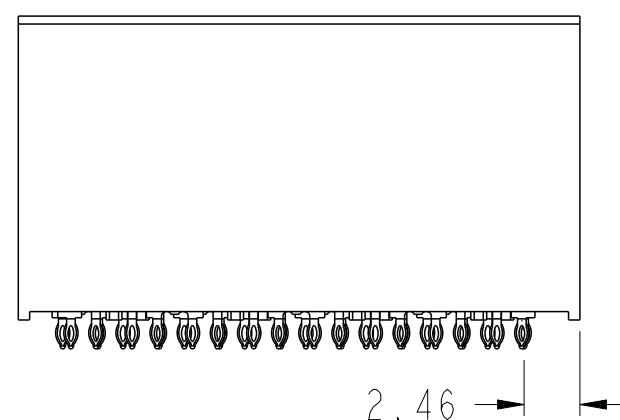
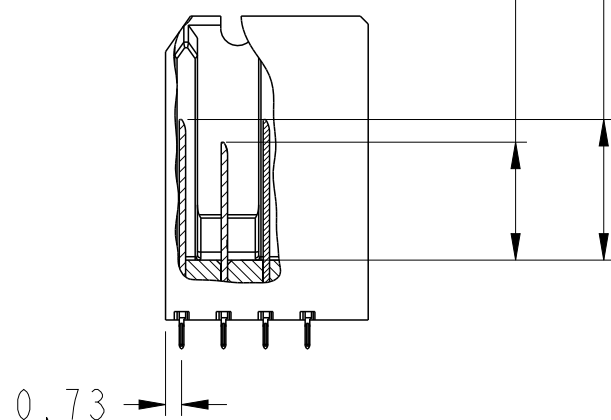
SEE NOTE 8

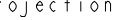


SEE NOTE 5



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



spec ref	SEE NOTES		dr	Jim Swain	2010/04/13	projection		MM		size	scale		
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Michael Song	2016/06/06					ecn no	ELX-DG-24191-1	A2	3:1
ASME Y14.5			chr	Heaven Cen	2016/06/08	product family	XCede	rel level	Released				
			appr	Pei-Ming Zheng	2016/06/15								
surface		linear	0.X	±0.2	Amphenol FCI	title	MODULE ASSEMBLY			dwg no	10091836	rev	
			0.XX	±0.10									G
			0.XXX	±0.050									
ASME Y14.5		angular	0°	±°	cat. no.	SEE P/N TREE	Product - Customer Drw			sheet 6 of 8			

PDS: Rev :G

STATUS:Released

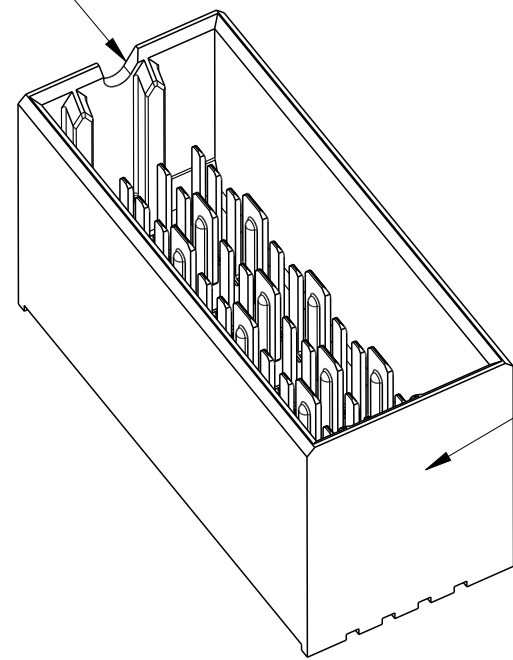
Printed: Jun 15, 2016

Amphenol FCI

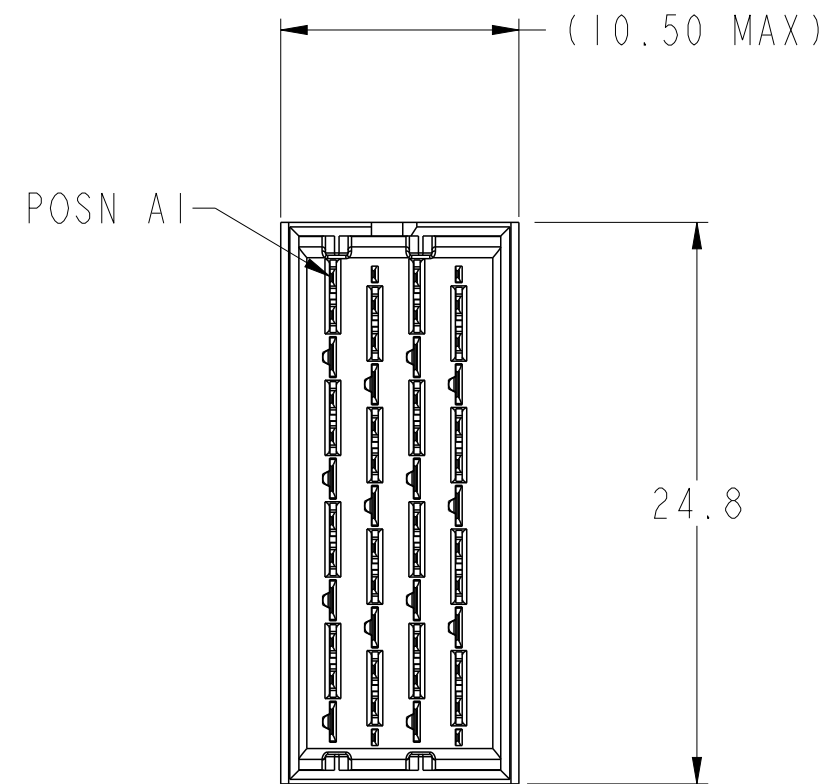
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4-WALL MODULE

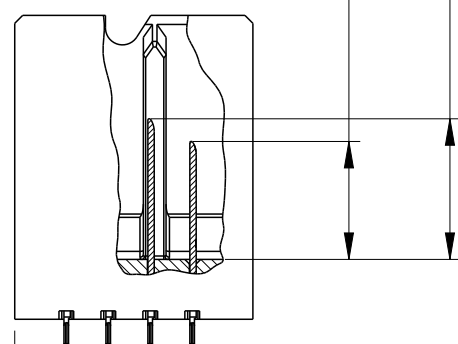
SEE NOTE 8



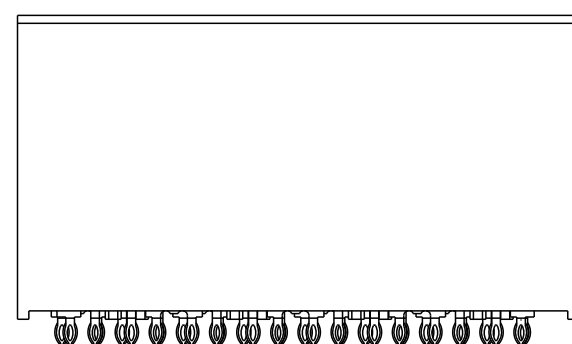
SEE NOTE 5



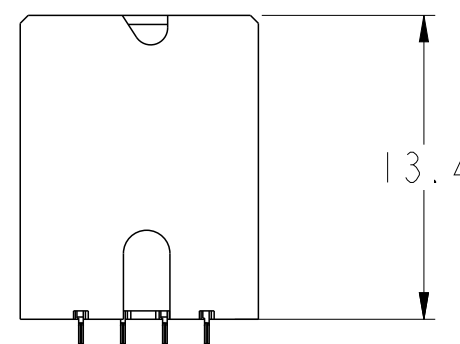
6.2 (4MM WIPE WIDE GROUNDS)
5.2 (3MM WIPE WIDE GROUNDS)
5.2 (3MM SMALL END GROUNDS)
5.2 (3MM WIPE SIGNALS)
4.2 (2MM WIPE SIGNALS)
SEE P/N TREE



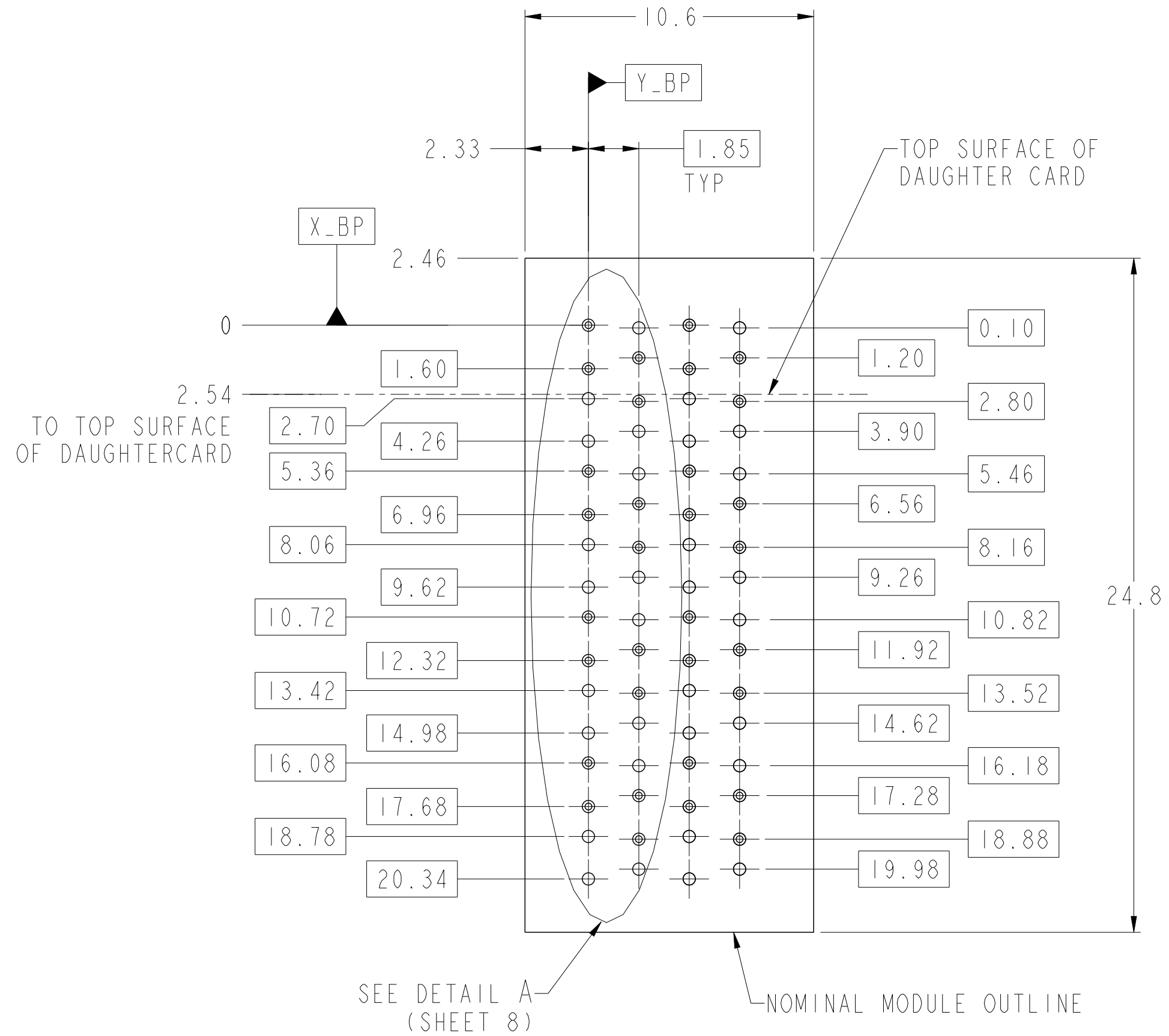
2.33



2.46



TAIL LENGTH
SEE NOTE 12



SEE DETAIL A
(SHEET 8)

NOMINAL MODULE OUTLINE

PCB HOLE PATTERN
COMPONENT SIDE
SCALE 6:1

spec ref	SEE NOTES	dr	Jim Swain	2010/04/13	projection	MM	size	A2	scale	4:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Michael Song	2016/06/06	chr	Heaven Cen	ecm no	ELX-DG-24191-1	rel level	Released
ASME Y14.5		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										
Amphenol FCI	MODULE ASSEMBLY	cat. no.	-	Product - Customer Drw	sheet 7 of 8	rev	G			

PDS: Rev :G

STATUS:Released

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