

A
B
C
D
E
F

1 0 0 9 | 8 3 6 - 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

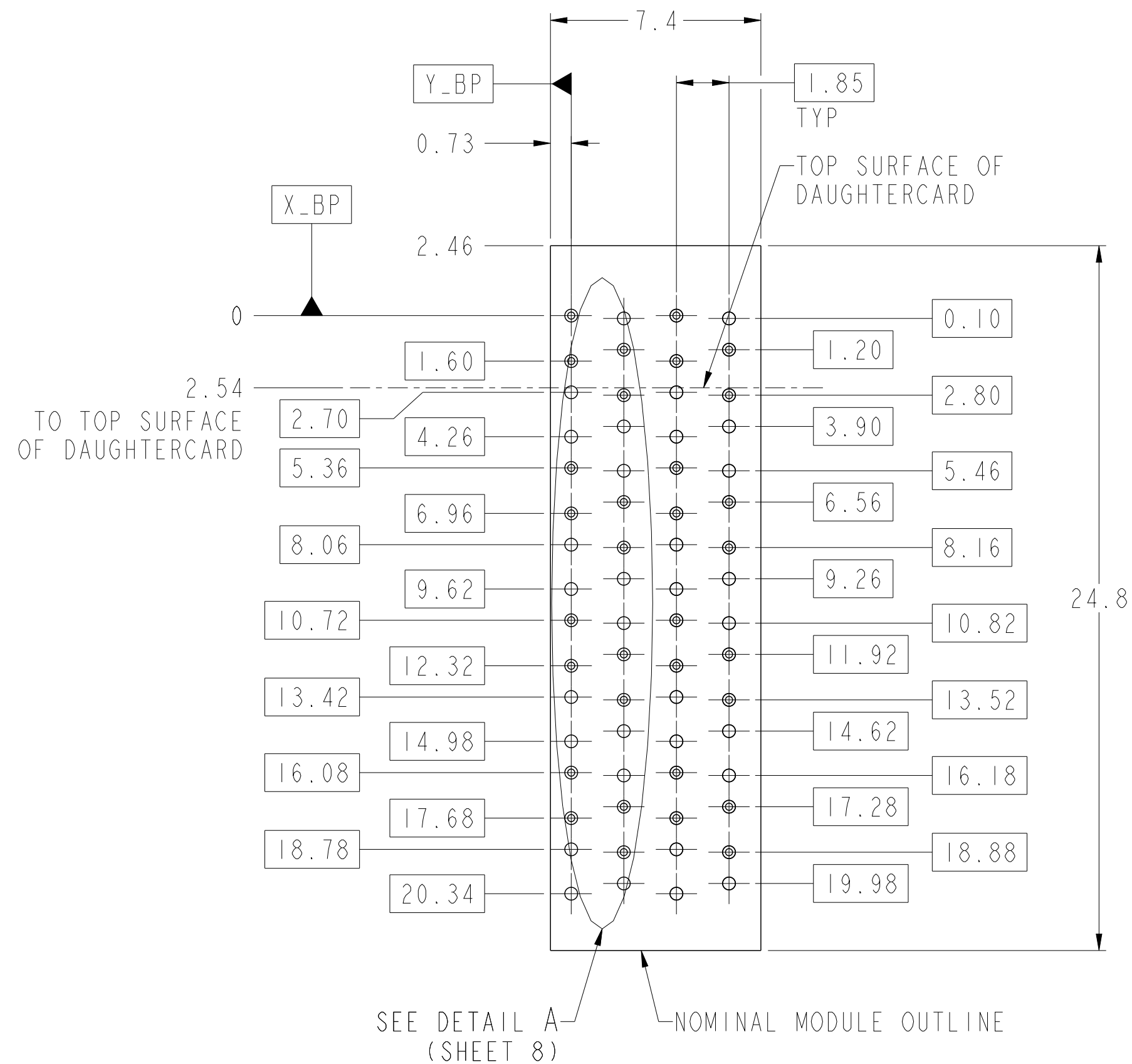
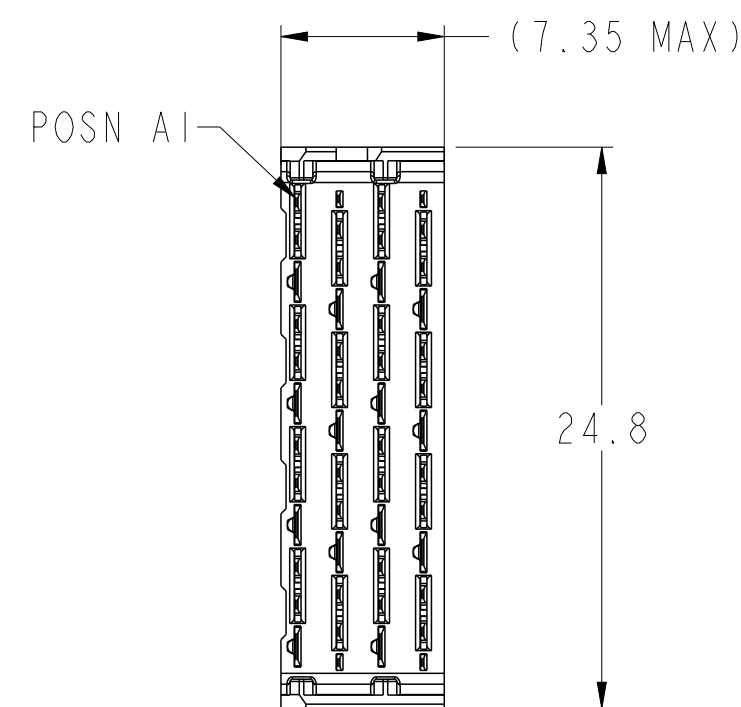
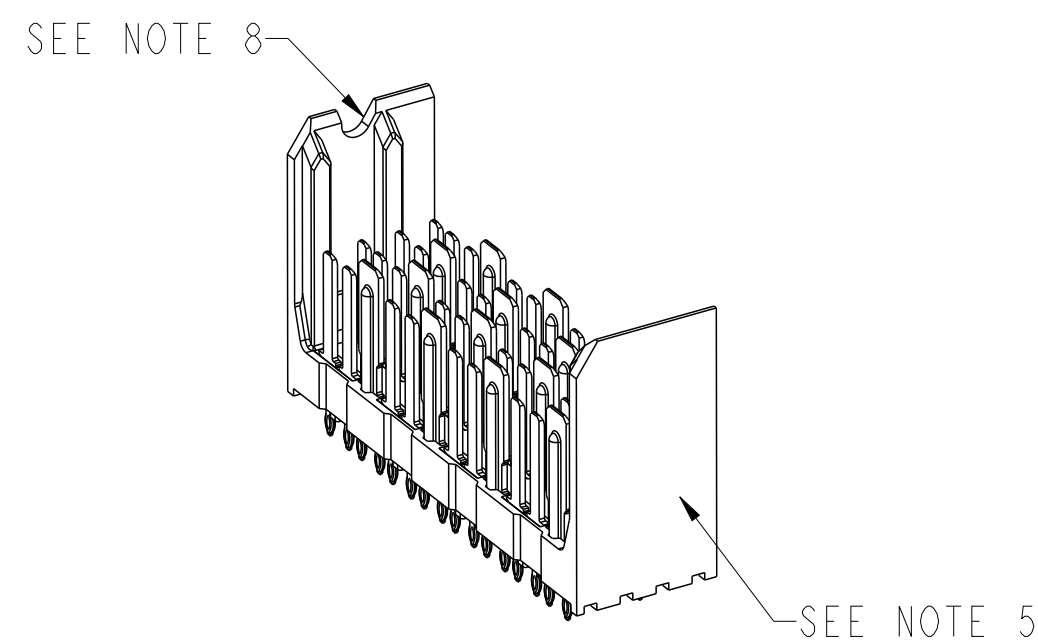
MODULE DESCRIPTION	LETTER DESIGNATION REPRESENTED IN DASH NUMBER										BASE MODULE
LEFT POLARIZING GUIDANCE MODULE (SEE SHEET 3)	J	A	B	C	D	E	F	G	H		
RIGHT POLARIZING GUIDANCE MODULE (SEE SHEET 4)	Y	P	Q	R	S	T	U	V	W		
OPEN MODULE (TWO WALL) (SEE SHEET 2)	0 (ZERO)										
LEFT WALL MODULE (SEE SHEET 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		Amphenol FCI		title		MODULE ASSEMBLY VERTICAL HEADER, 4-COLUMN, 4-PAIR						dwg no		10091836						rev		G					
																											0.X		±0.10	
																											0.XXX		±0.050	
ASME Y14.5			angular				0°		±°						cat. no.		-		Product - Customer Drw						sheet 1 of 8					

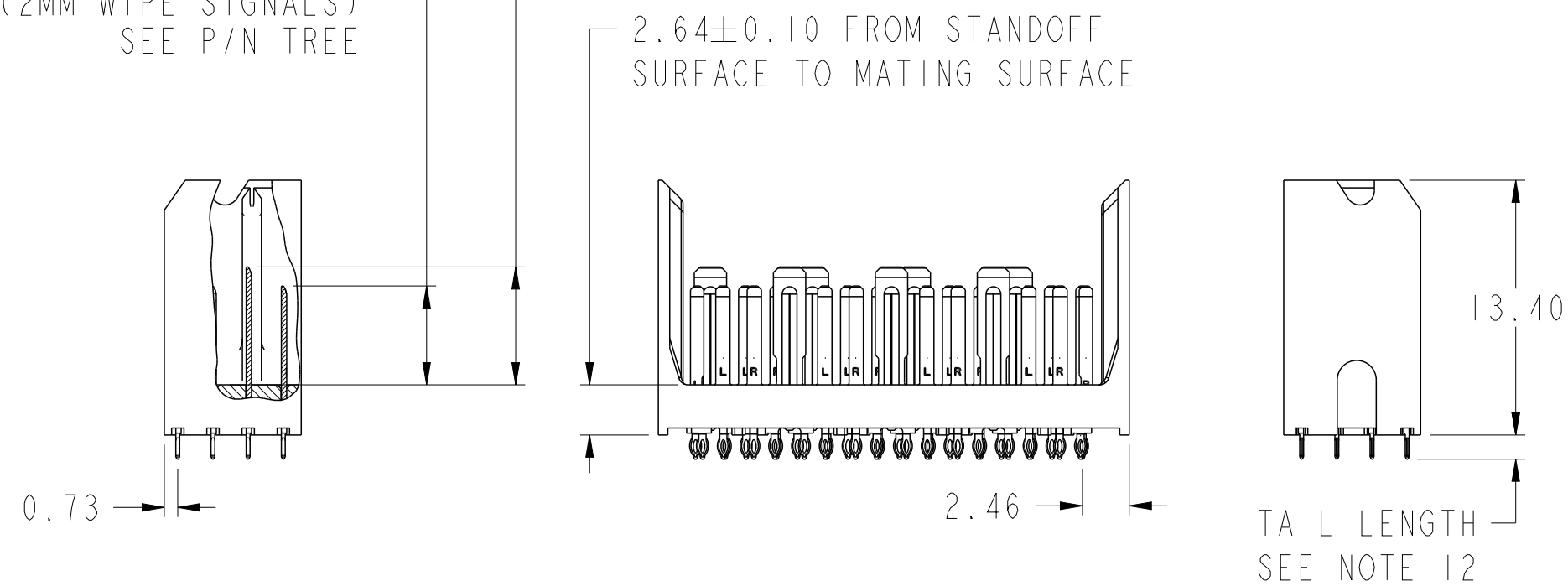


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6.2 (4MM WIPE WIDE GROUNDS)
5.2 (3MM WIPE WIDE GROUNDS)

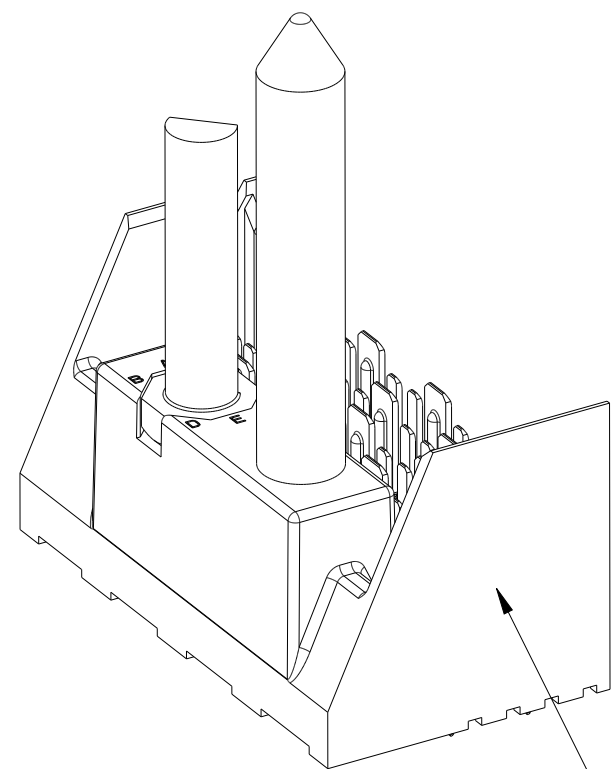
5.2 (3MM SMALL END GROUNDS)
    5.2 (3MM WIPE SIGNALS)
    4.2 (2MM WIPE SIGNALS)
        SEE P/N TREE

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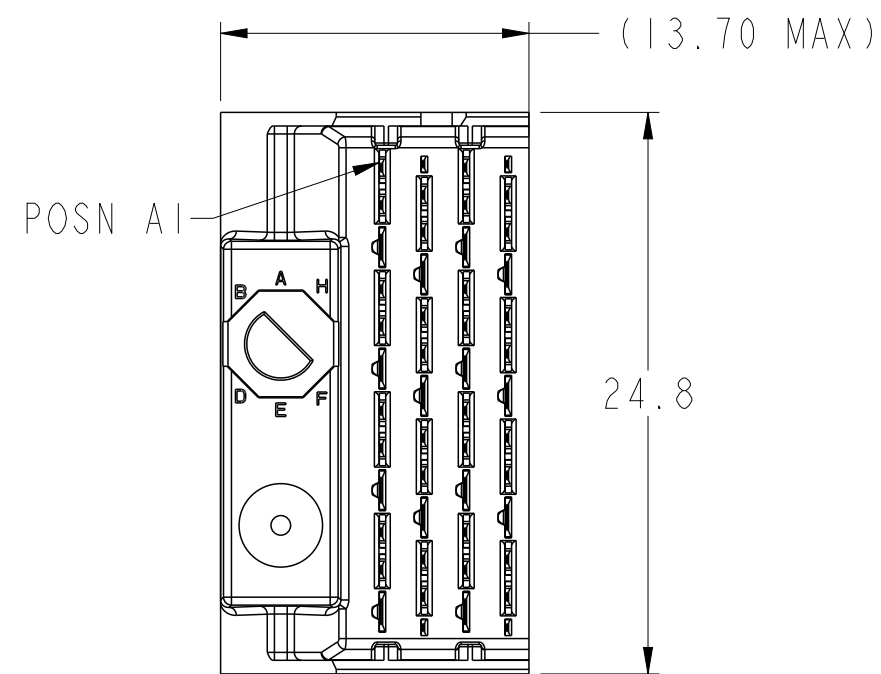


spec ref	SEE NOTES		dr	Jim Swain	2010/04/13	projection		MM		size	A2	scale	4:1
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ASME Y14.5			chr	Heaven Cen	2016/06/06	product family	rel level			Released			
			appr	Pei-Ming Zheng	2016/06/15								
surface	linear	0.X	±0.2	Amphenol FCI	title	MODULE ASSEMBLY VERTICAL HEADER, 4-COLUMN, 4-PAIR			dwg no	10091836		rev	G
		0.XXX	±0.10										
ASME Y14.5	angular	0°	±0.050										
					cat. no.	-	Product - Customer Drw				sheet 2 of 8		

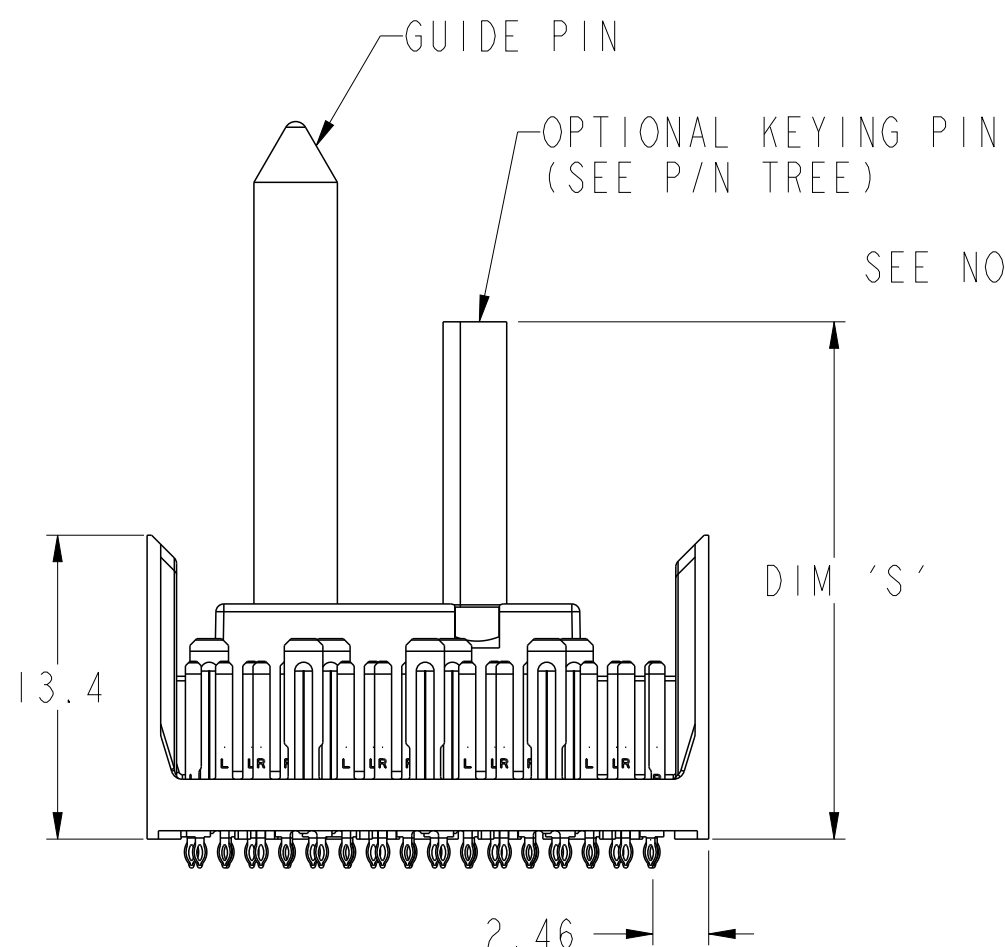
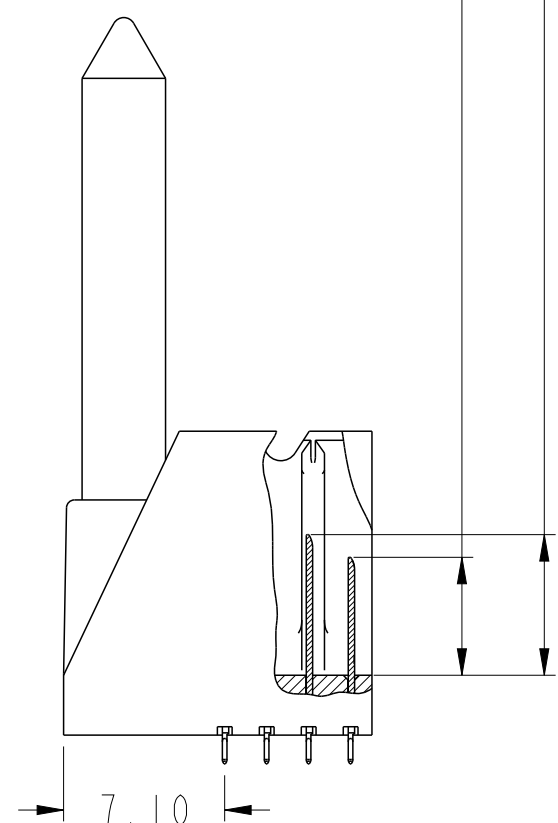
LEFT POLARIZING/GUIDE MODULE



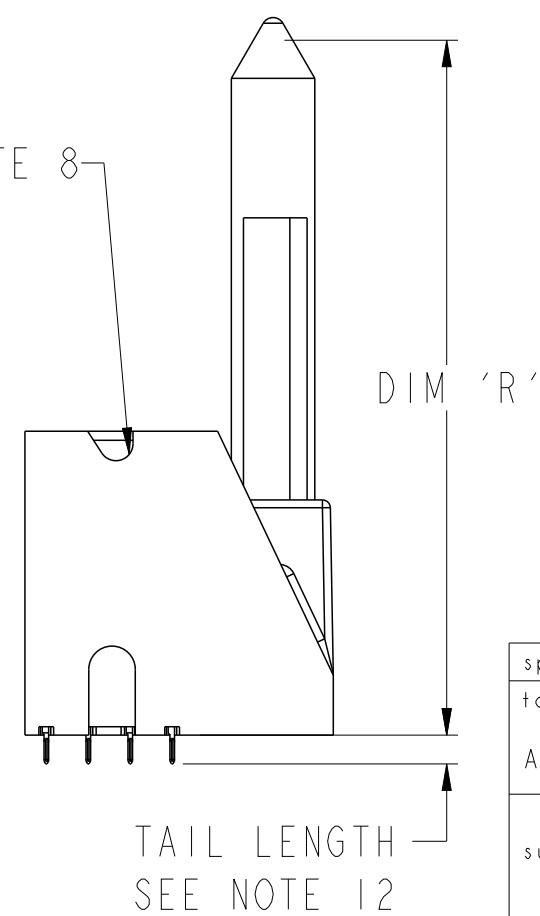
SEE NOTE 5



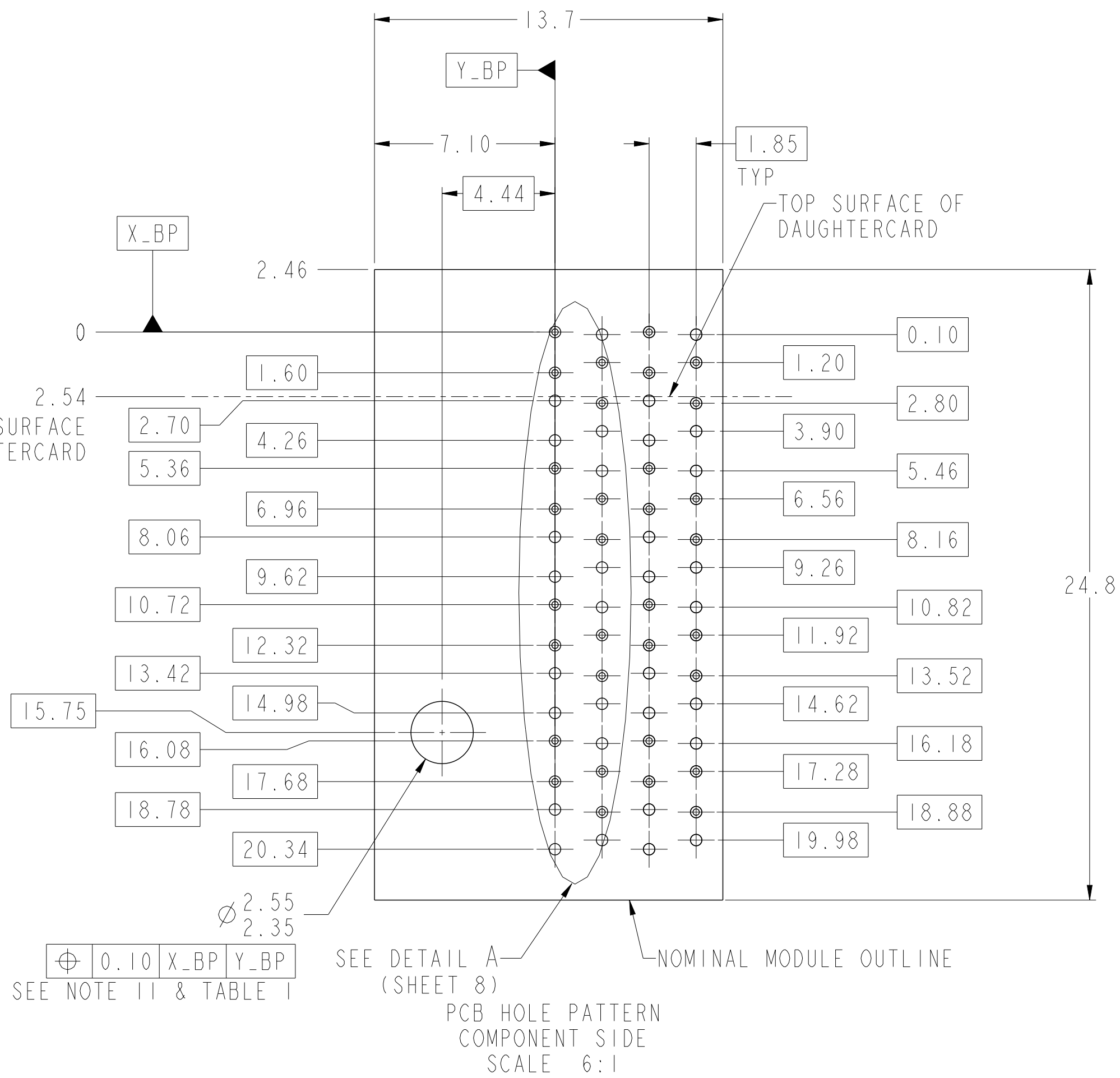
- 6.2 (4MM WIPE WIDE GROUNDS)
- 5.2 (3MM WIPE WIDE GROUNDS)
- 5.2 (3MM SMALL END GROUNDS)
- 5.2 (3MM WIPE SIGNALS)
- 4.2 (2MM WIPE SIGNALS)
- SEE P/N TREE



SEE NOTE 8



TO TOP SURFACE OF DAUGHTERCARD



SEE NOTE 11 & TABLE 1

SEE DETAIL A (SHEET 8)

PCB HOLE PATTERN
COMPONENT SIDE
SCALE 6:1

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

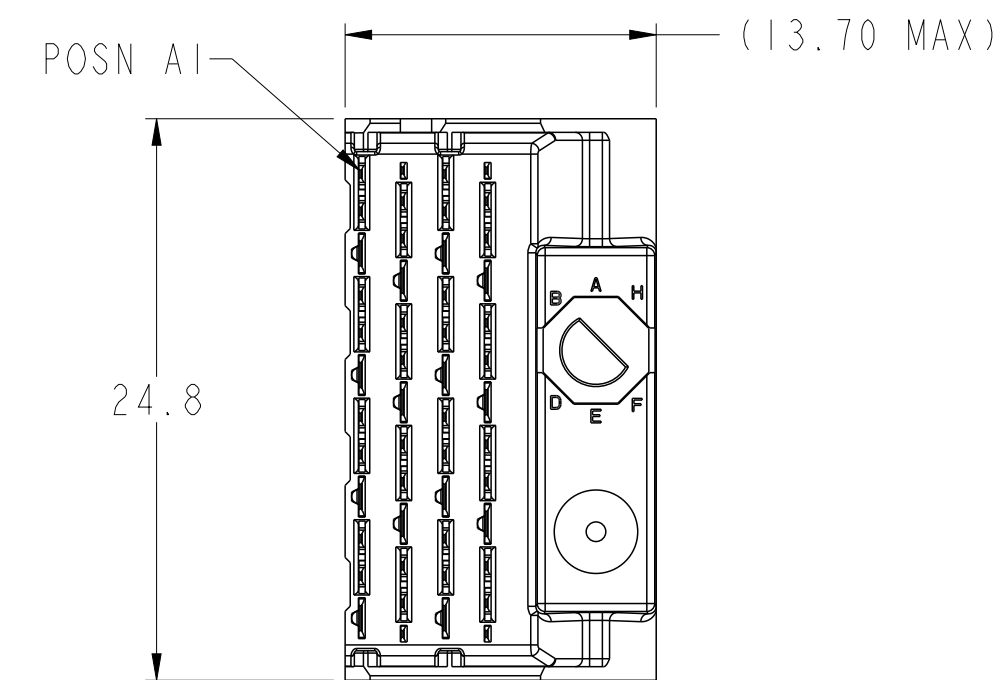
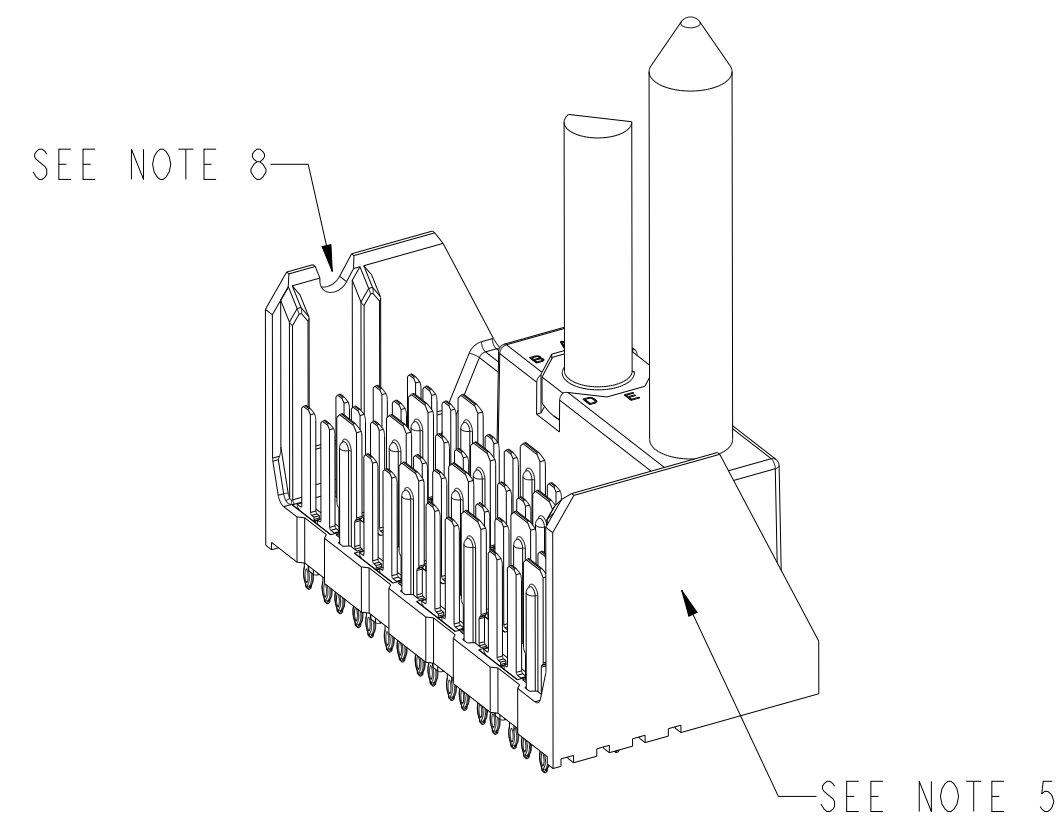
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tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Michael Song		2016/06/06						ecn no		ELX-DG-24191-1		rel level		Released					
ASME Y14.5				chr		Heaven Cen		2016/06/08																	
		appr		Pei-Ming Zheng		2016/06/15		product family														XCede			
surface		linear		0.X		±0.2		0.XX		±0.10		Amphenol FCI		title		MODULE ASSEMBLY		cat. no.		SEE P/N TREE		Product - Customer Drw		sheet 3 of 8	
ASME Y14.5																									
		angular		0°		±°																			

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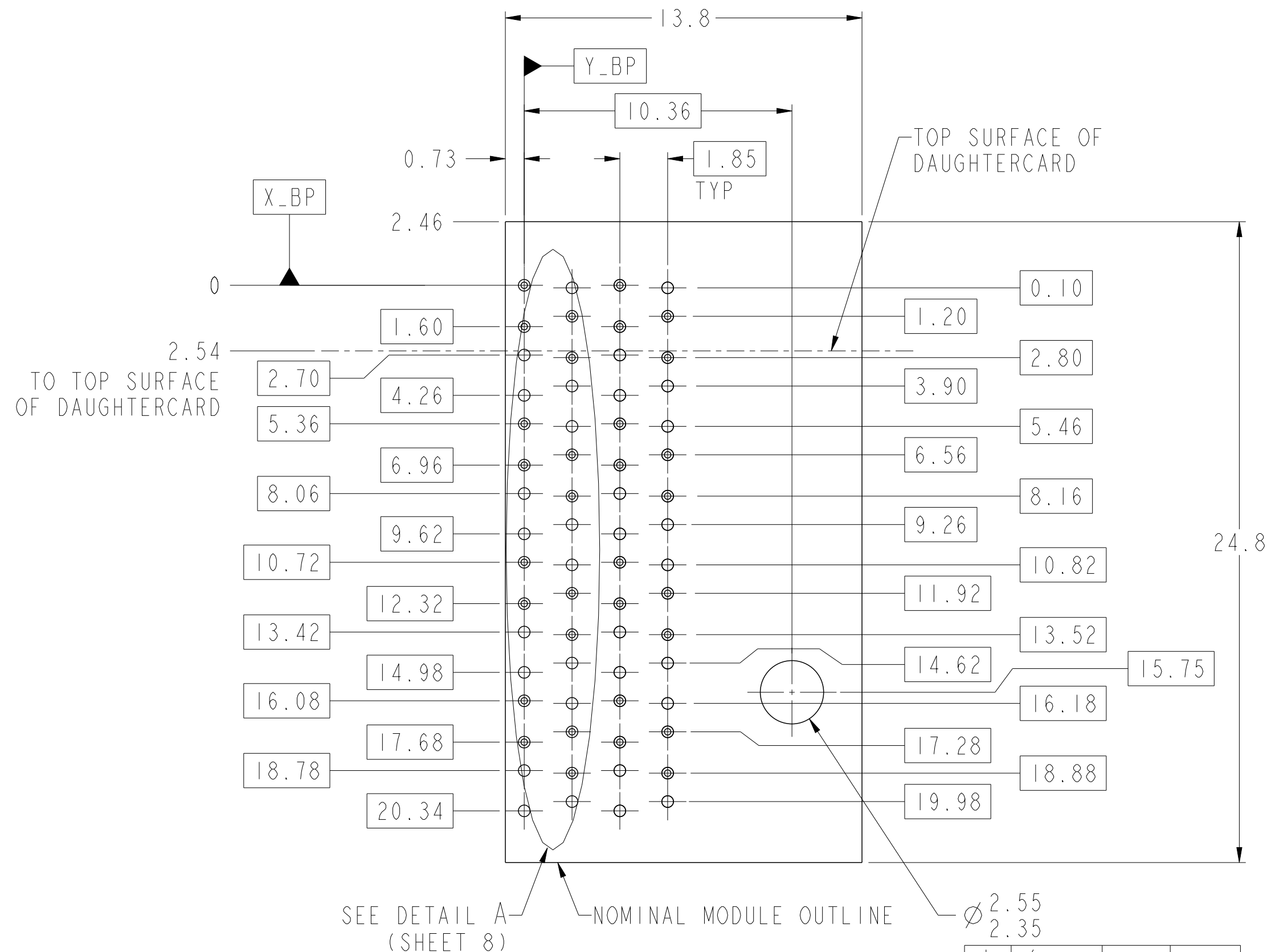
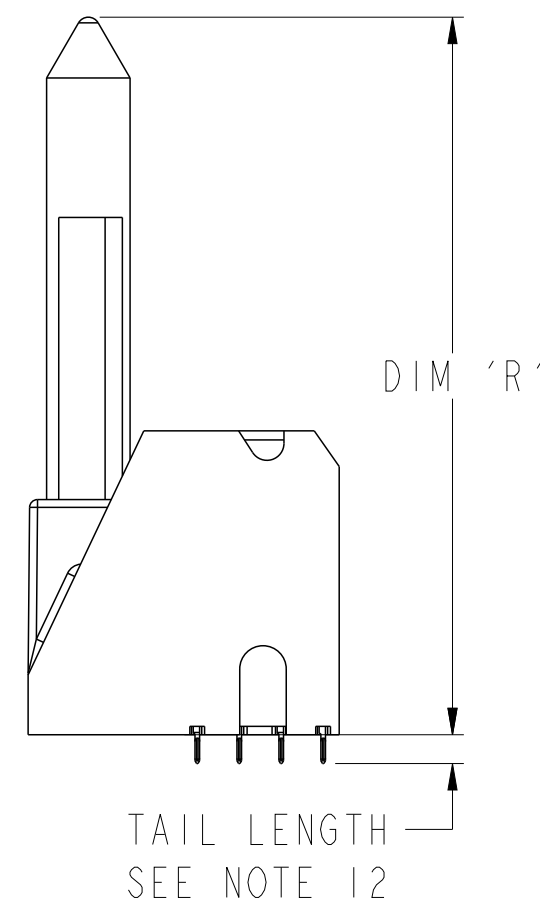
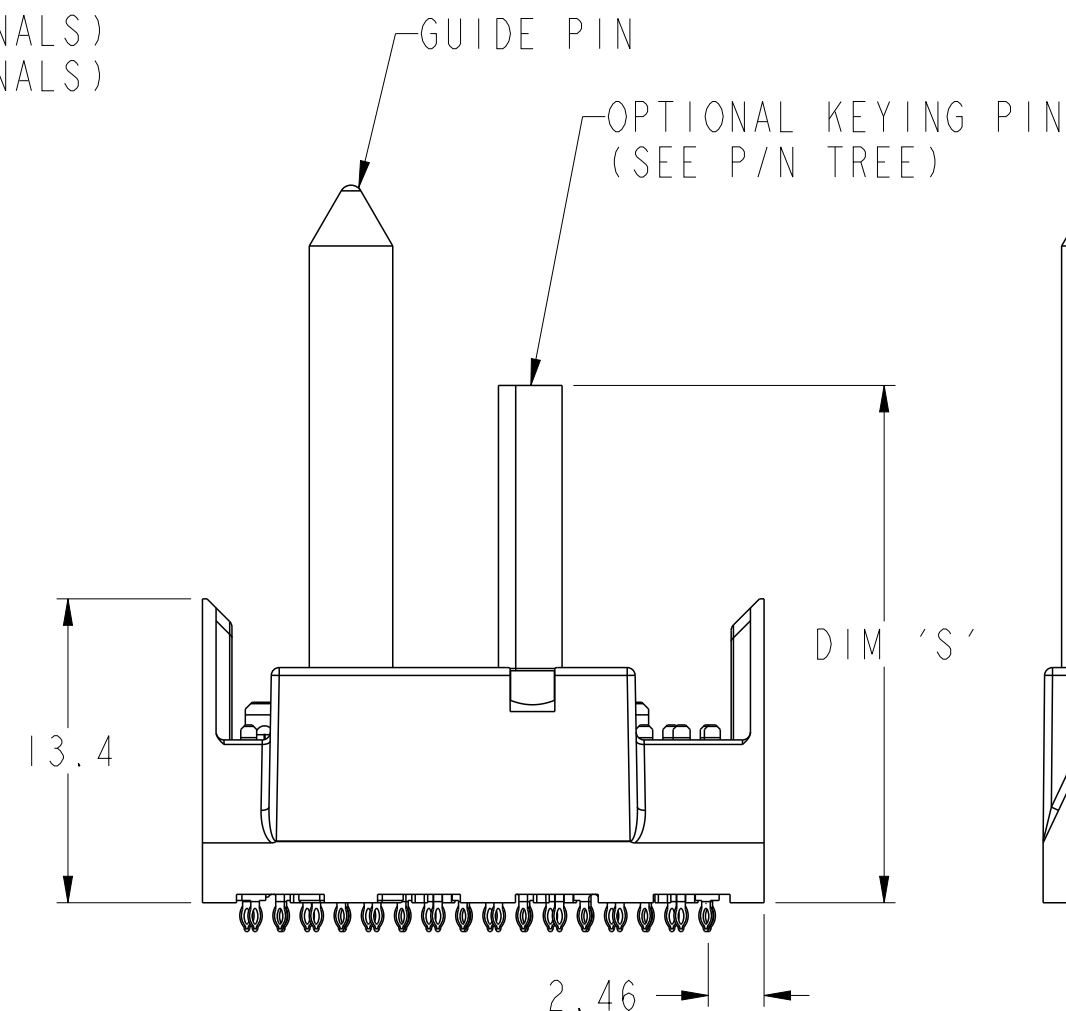
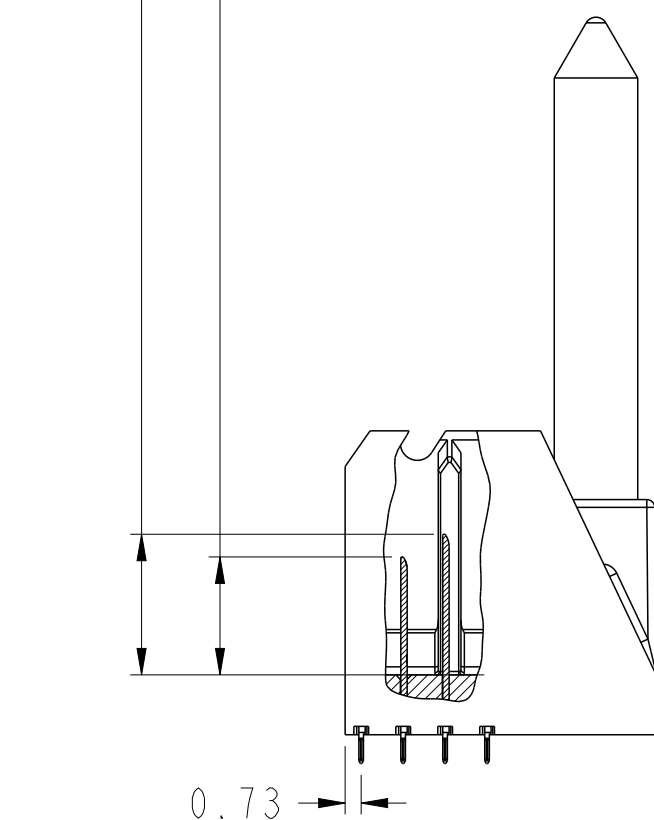
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Printed: Jun 15, 2016

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		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	appr	Pei-Ming Zheng	2016/06/15	product family		XCede	rel level	Released
surface	linear	0.X	±0.2	Amphenol FCi	title	MODULE ASSEMBLY VERTICAL HEADER, 4-COLUMN, 4-PAIR			dwg no	10091836		rev	G
		0.XX	±0.10										
ASME Y14.5		0.XXX	±0.050										
	angular	0°	±0°	cat. no.		SEE P/N TREE	Product - Customer Drw			sheet 4 of 8			

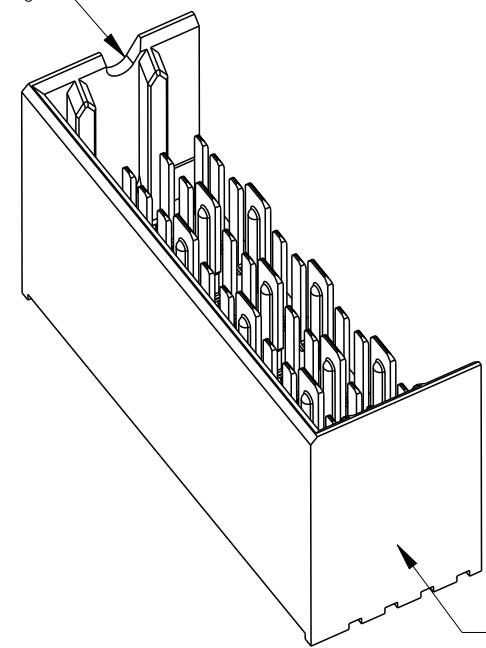
PDS: Rev: G

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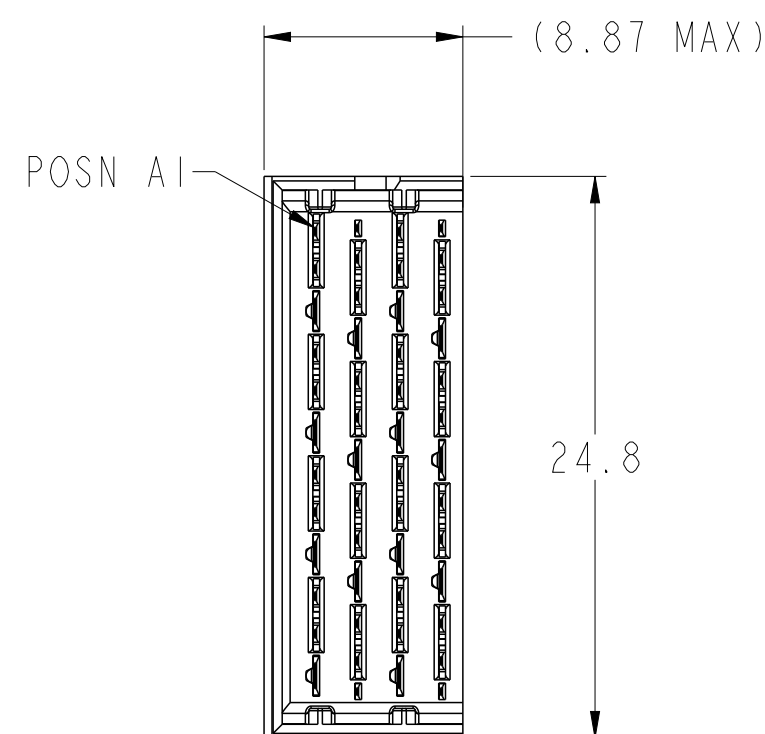
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LEFT WALL MODULE

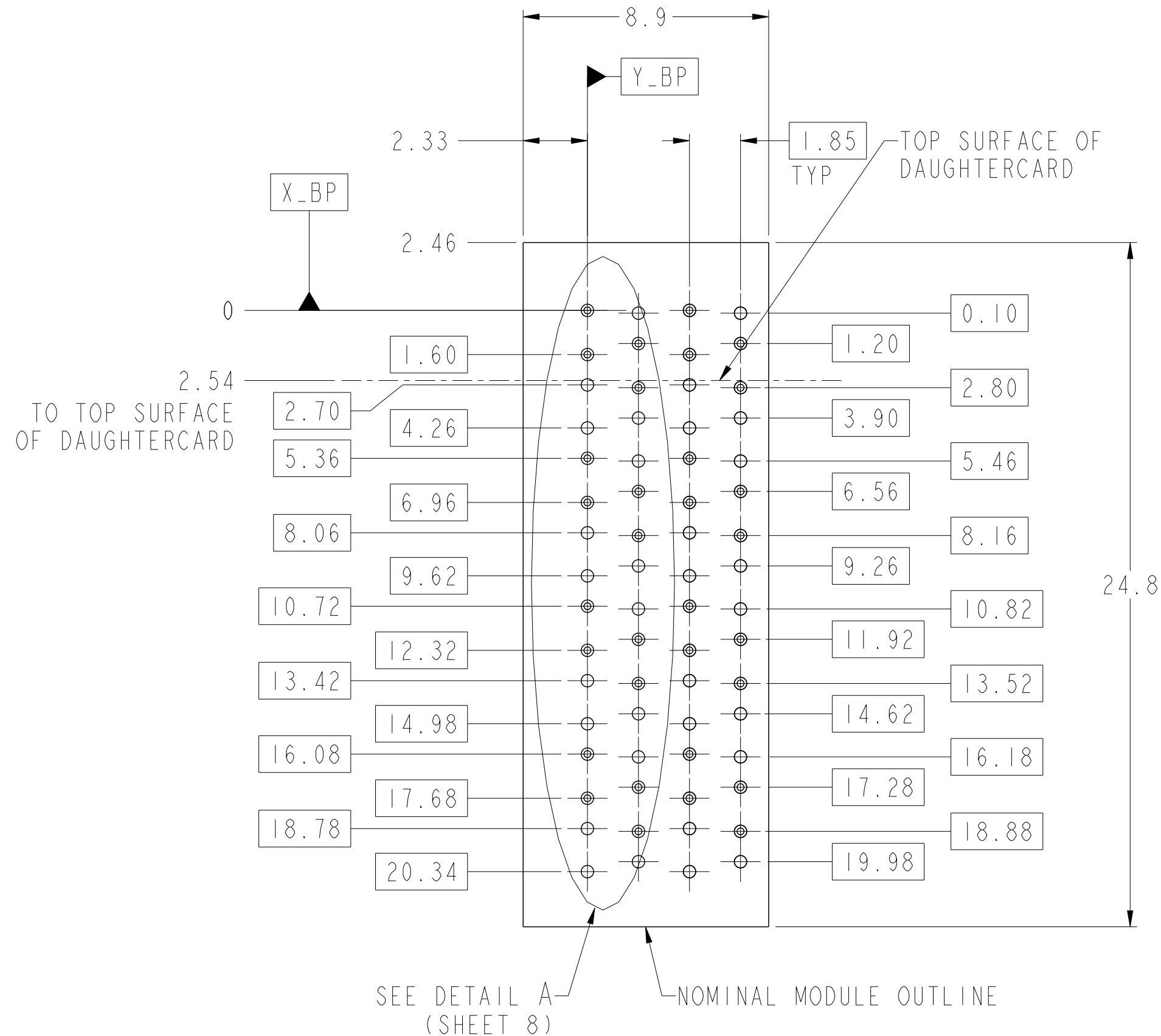
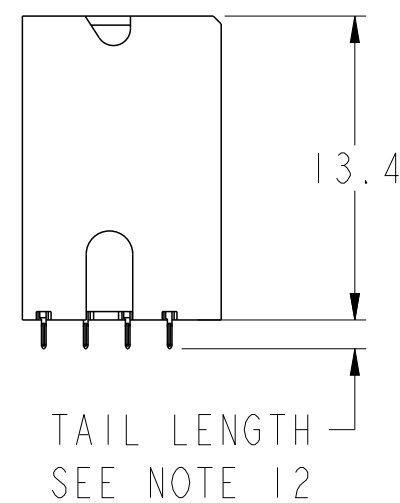
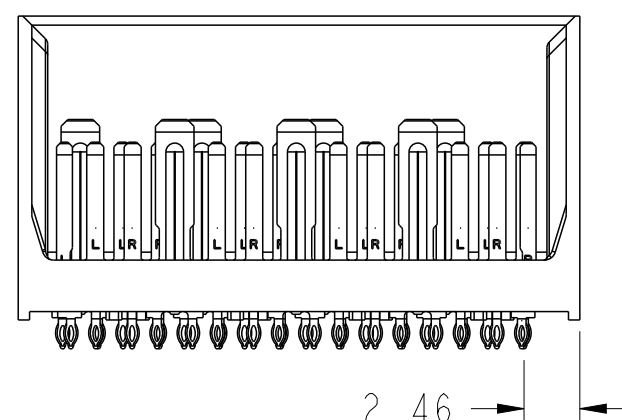
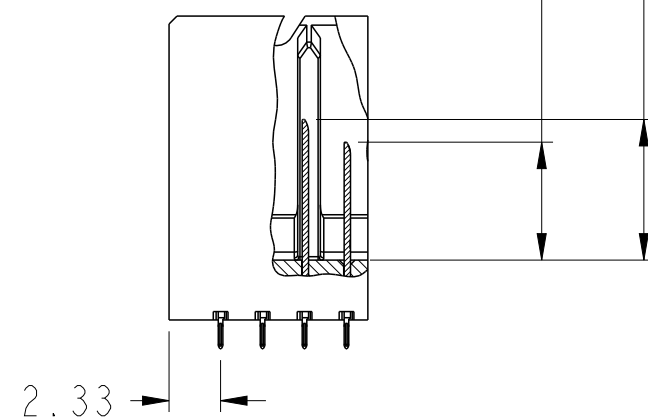
SEE NOTE 8

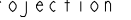


SEE NOTE 5



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



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	product family	XCede	rel level	Released				
	appr	Pei-Ming Zheng	2016/06/15										
surface		linear	0.X	±0.2	Amphenol FCi	title	MODULE ASSEMBLY VERTICAL HEADER, 4-COLUMN, 4-PAIR			dwg no	10091836	rev	G
			0.XX	±0.10									
			0.XXX	±0.050									
ASME Y14.5	angular	0°	±°		cat. no.	SEE P/N TREE	Product - Customer Drw			sheet 5 of 8			

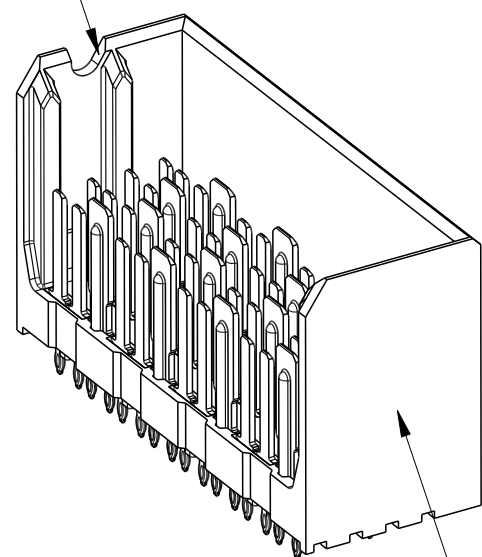
PDS: Rev :G

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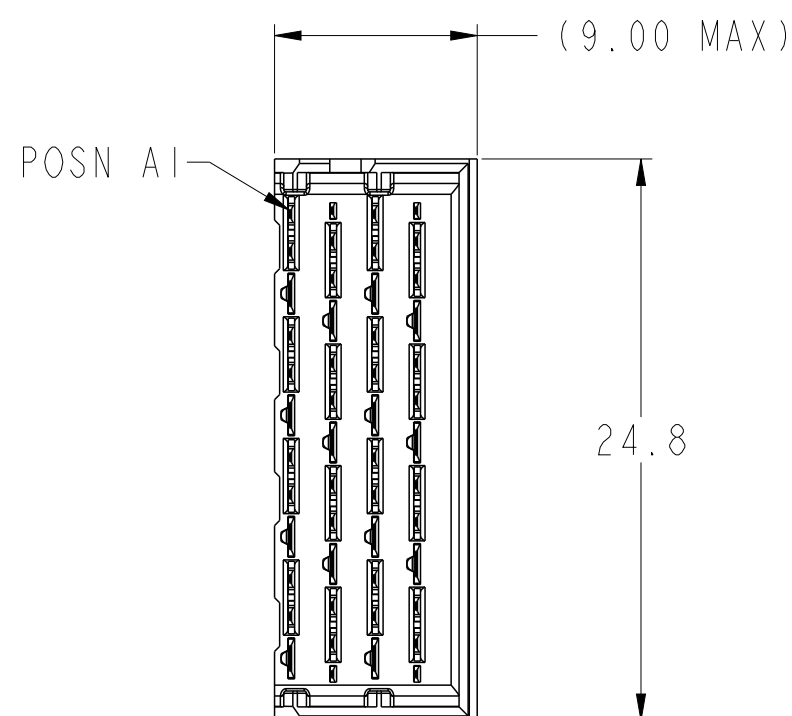
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RIGHT WALL MODULE

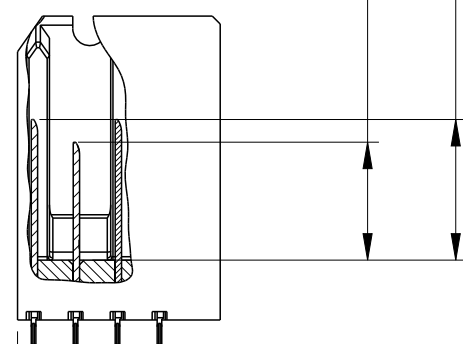
SEE NOTE 8



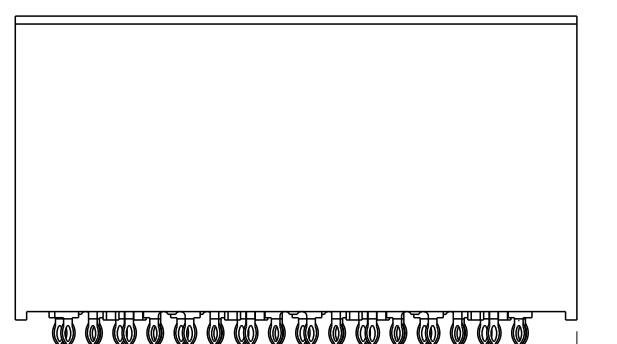
SEE NOTE 5



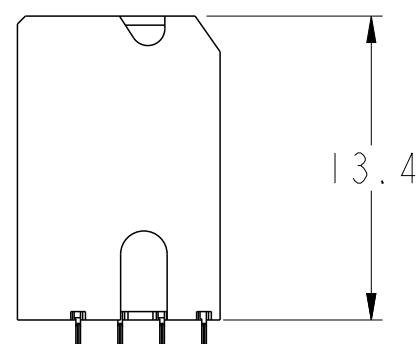
6.2 (4MM WIPE WIDE GROUNDS)
5.2 (3MM WIPE WIDE GROUNDS)
5.2 (3MM SMALL END GROUNDS)
5.2 (3MM WIPE SIGNALS)
4.2 (2MM WIPE SIGNALS)
SEE P/N TREE



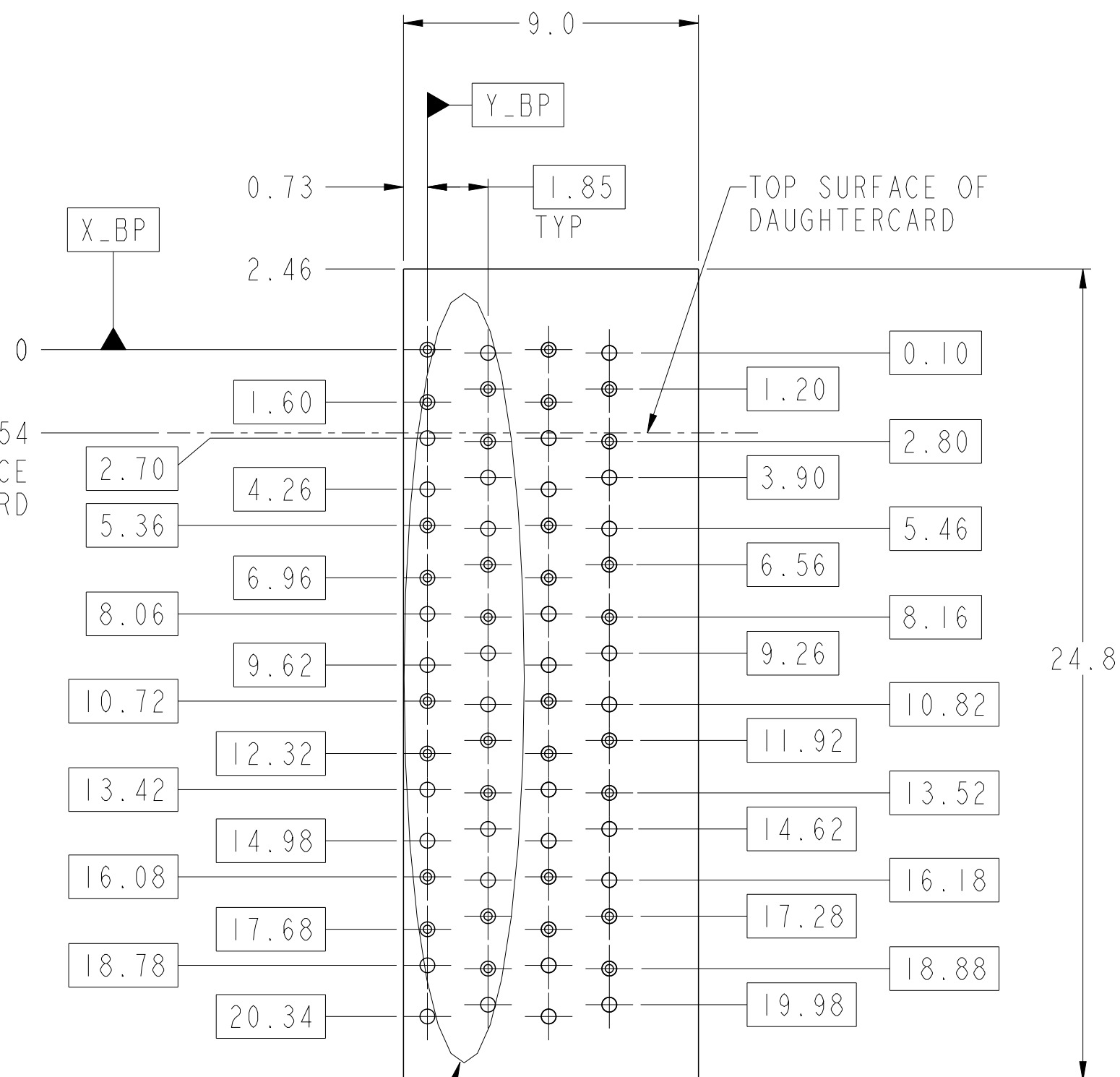
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2.46



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	3:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Michael Song	2016/06/06		MM	ecn no	ELX-DG-24191-1		
ASME Y14.5		chr	Heaven Cen	2016/06/08			rel level	Released		
surface	linear	appr	Pei-Ming Zheng	2016/06/15	product family	XCede		rel level	Released	
ASME Y14.5	angular	Amphenol FCI		title	MODULE ASSEMBLY		dwg no	10091836		rev
					VERTICAL HEADER, 4-COLUMN, 4-PAIR					G
				cat. no.	SEE P/N TREE		Product - Customer Drw	sheet 6 of 8		

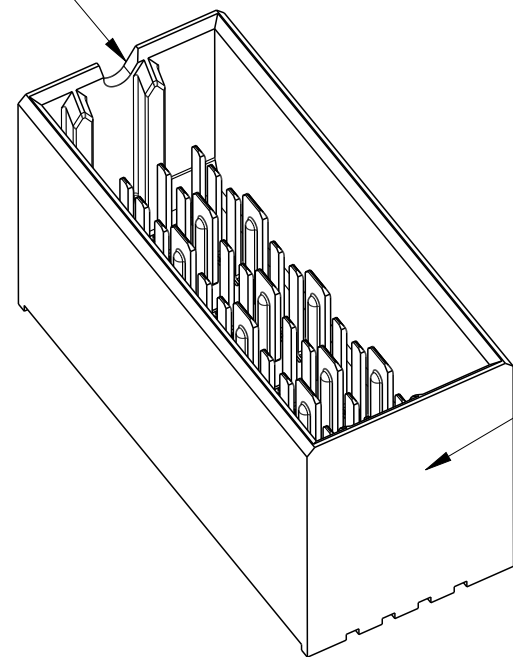
PDS: Rev :G

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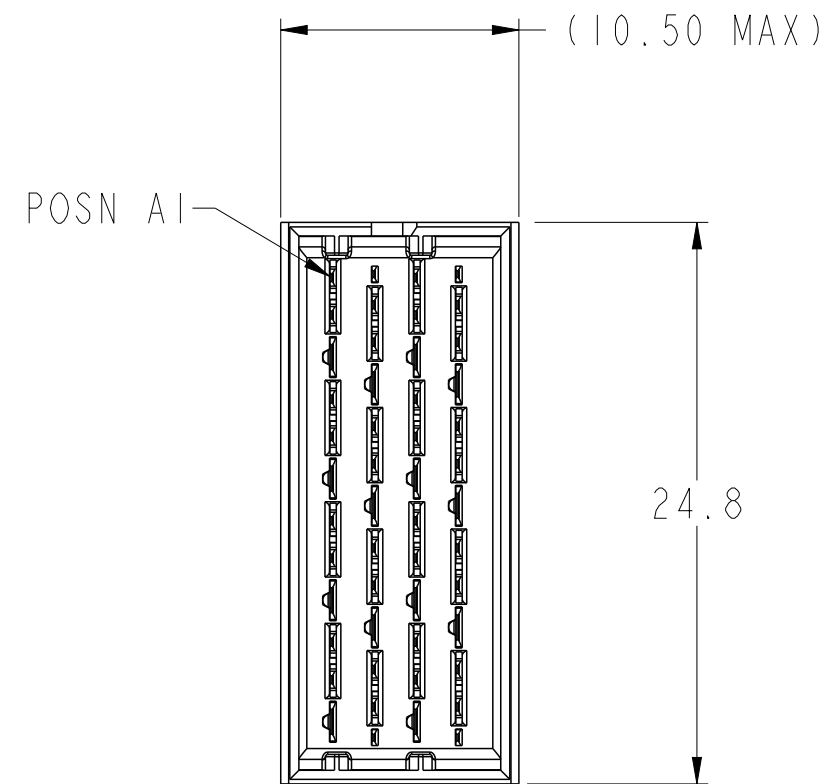
Printed: Jun 15, 2016

4-WALL MODULE

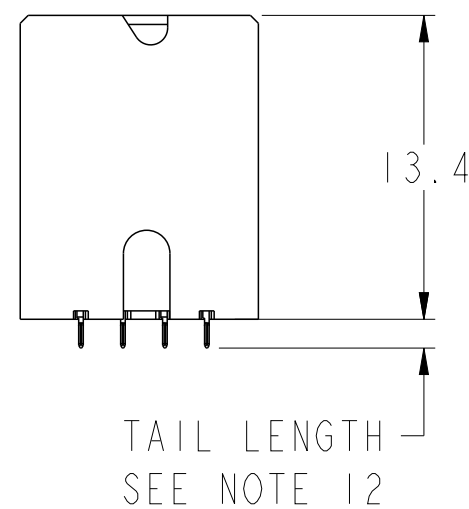
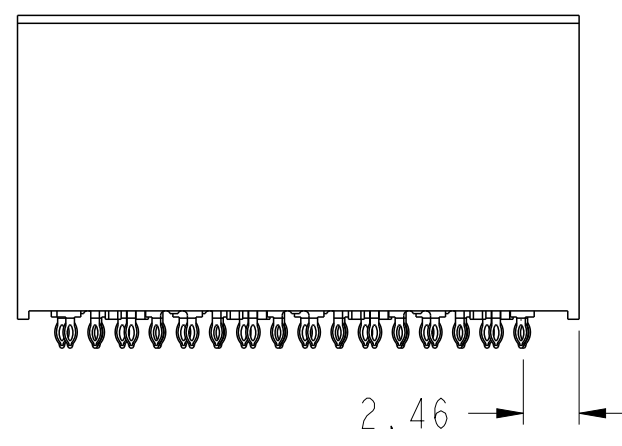
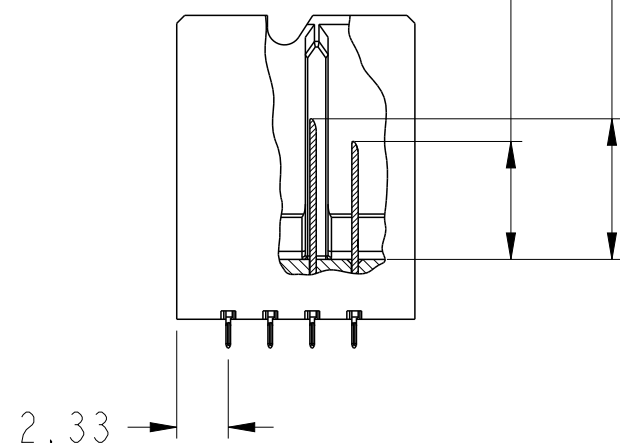
SEE NOTE 8



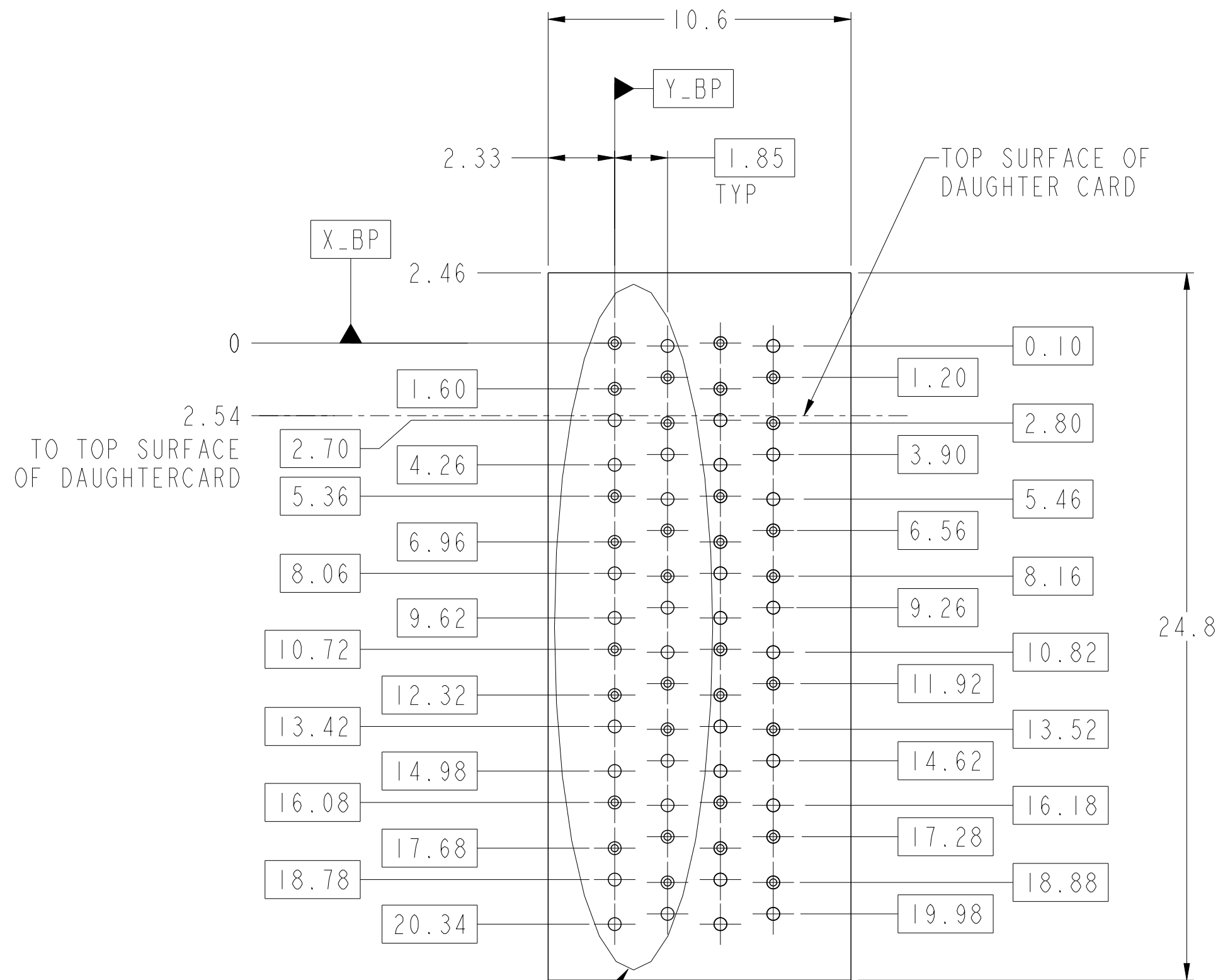
SEE NOTE 5



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



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		MM	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	-	rel level	Released		
surface	linear	0.X	±0.2	Amphenol FCI	MODULE ASSEMBLY VERTICAL HEADER, 4-COLUMN, 4-PAIR			dwg no	10091836	rev
		0.XX	±0.10							
		0.XXX	±0.050							
ASME Y14.5	angular	0°	±°	cat. no.	-	Product - Customer Drw	sheet 7 of 8			G

PDS: Rev :G

STATUS:Released

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