

10113949 - X X E - X 0 X L F											
8-COLUMN DIFFERENTIAL SIGNAL 0: GENERAL LABEL E: CUSTOMIZED LABEL LEAD-FREE DESIGNATION ONLY WITH APPLICABLE PLATING CODES											
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"]

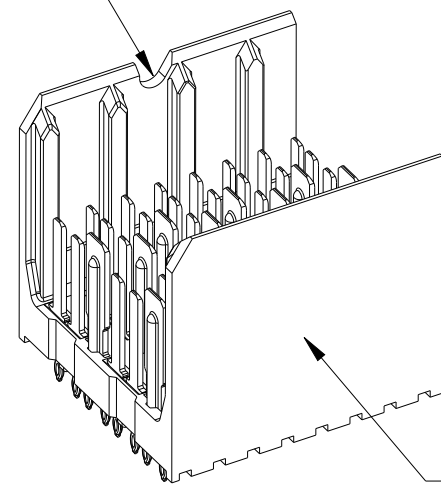
TABLE 1: OPTIONAL PCB HOLE SIZE (SEE NOTE 11)		
	GROUNDED	UNGROUNDED
FINISHED	Ø2.35-2.55	Ø2.35-2.55
PAD	Ø5.50	N/A
PLATED	YES	NO
DRILL (mm/in)	2.58 /.1015	2.44 /.096

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

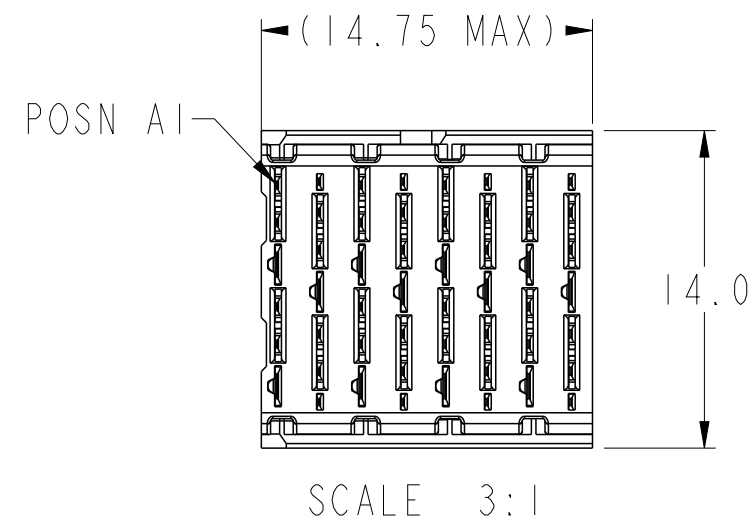
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tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED				eng	Michael Song	2017/05/24			ecn no	ELX-DG-27080-1				
ASME Y14.5					chr	Stone Li	2017/06/05			product family	-	rel level	Released		
					appr	Heaven Cen	2017/06/05								
surface	- 	linear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

OPEN (2-WALL) MODULE

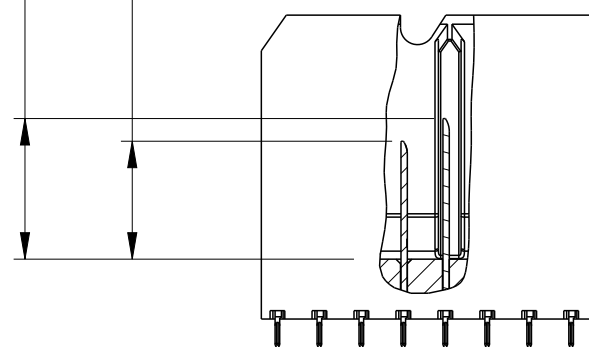
SEE NOTE 8



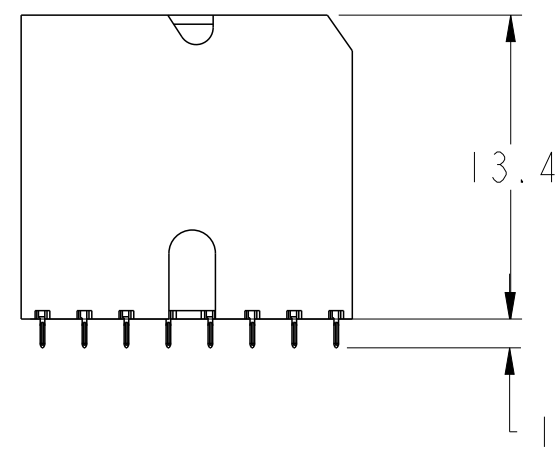
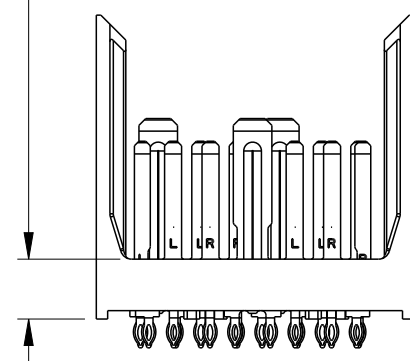
SEE NOTE 5



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



X_BP

(0.73)

(2.43)

0

2.06
TO TOP SURFACE
OF DAUGHTERCARD

1.60

2.70

4.26

5.36

6.96

8.06

9.62

Y_BP

14.8

1.85
TYP

TOP SURFACE OF
DAUGHTERCARD

0.10

1.20

2.80

3.90

5.46

6.56

8.16

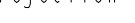
9.26

14.0

SEE DETAIL A
(SHEET 8)

PCB HOLE PATTERN
COMPONENT SIDE
SCALE 10:1

NOMINAL MODULE OUTLINE

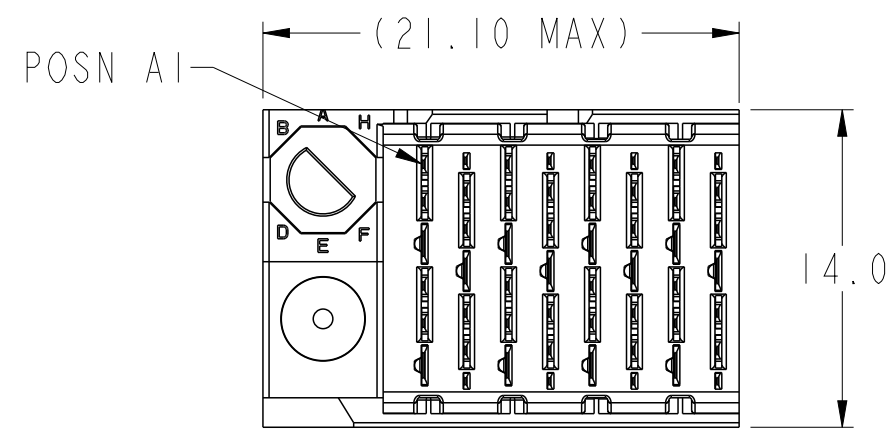
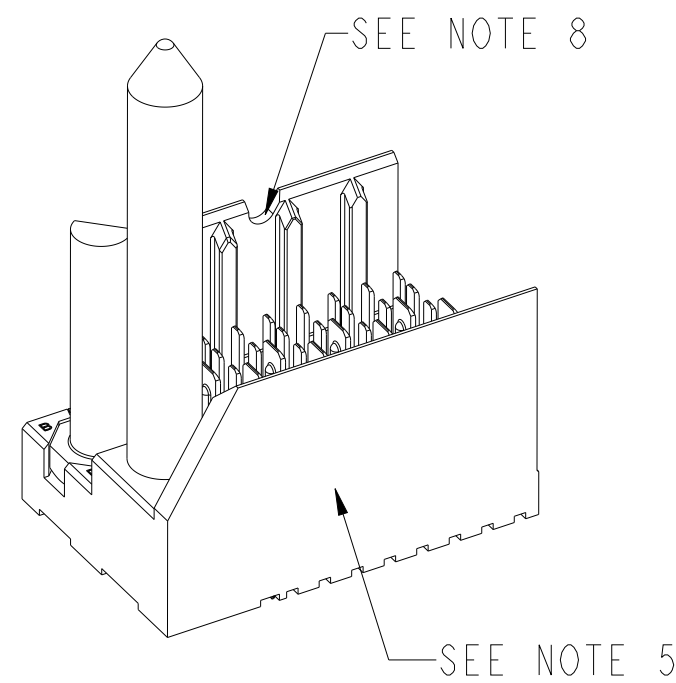
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tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Michael Song		2017/05/24						ecn no		ELX-DG-27080-1													
ASME Y14.5				chr		Stone Li		2017/06/05						rel level		Released													
		appr		Heaven Cen		2017/06/05		product family						-															
surface		linear		Amphenol FCi		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						0°		±0.050																			
								cat. no.		SEE P/N TREE		Product -		Customer Drw		sheet 2 of 8													

PDS: Rev :H

STATUS:Released

Printed: Jun 05, 2017

LEFT POLARIZING/GUIDE MODULE

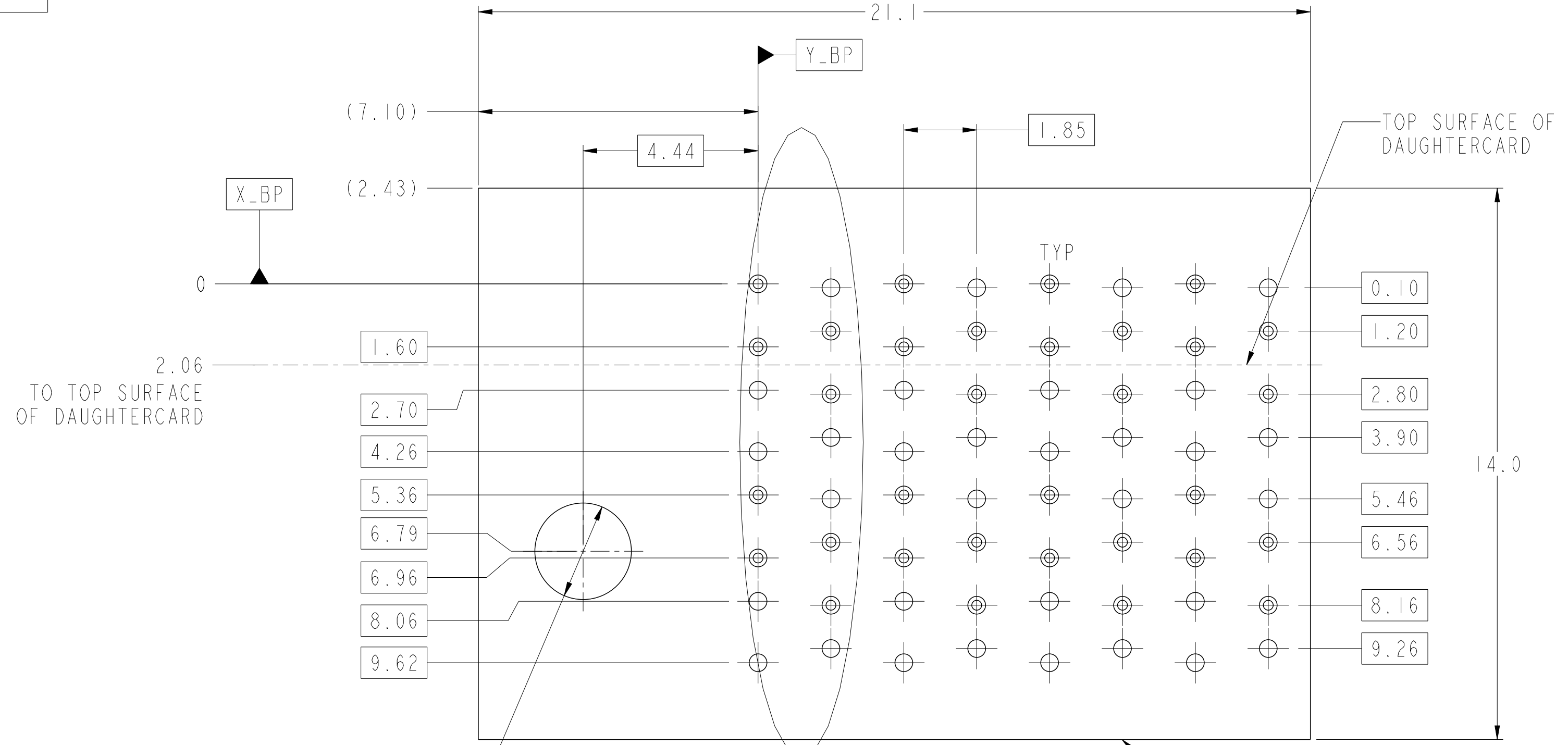
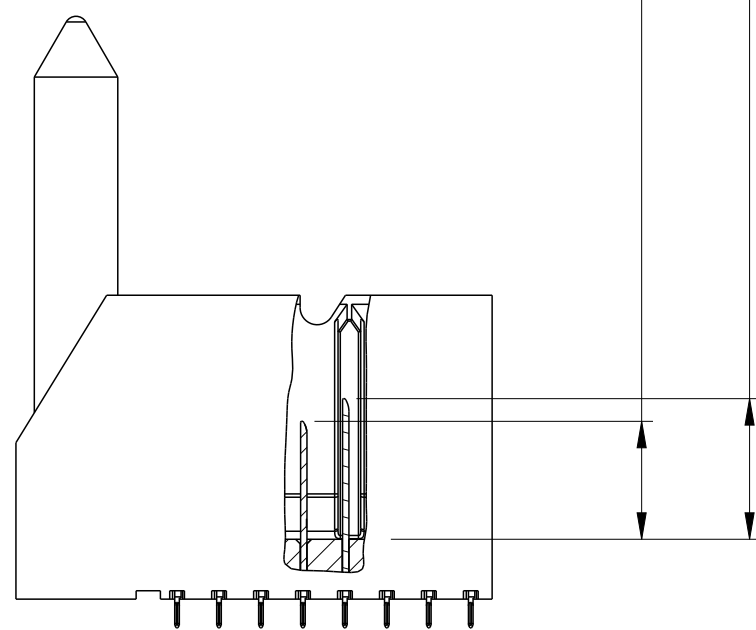


SCALE 3:1

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)



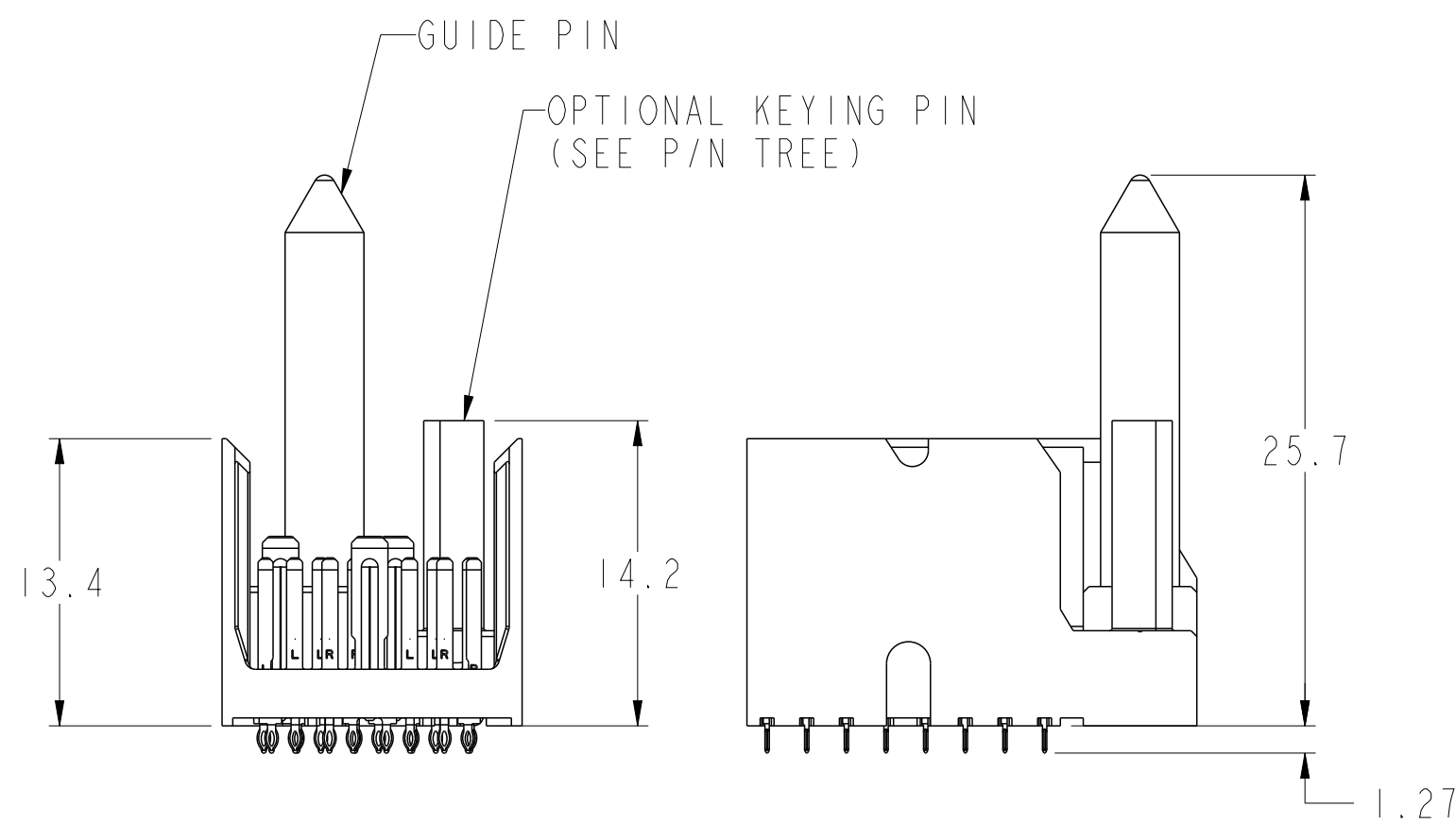
$\varnothing$	0.10	X_BP	Y_BP
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SEE NOTE 11 & TABLE 1

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		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		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					

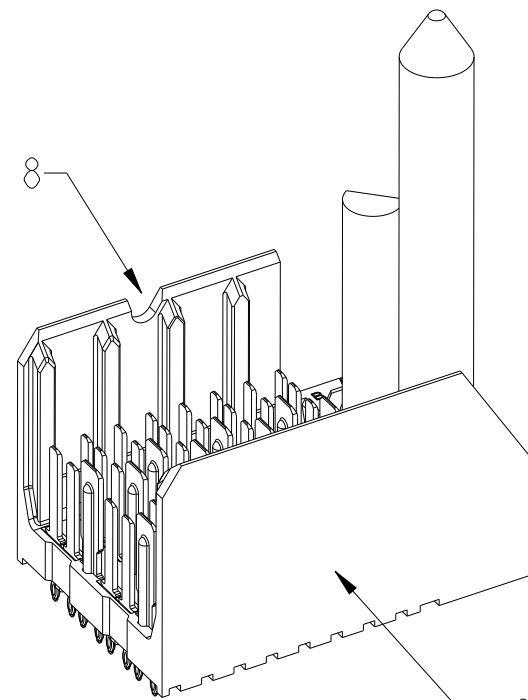
PDS: Rev :H

STATUS:Released

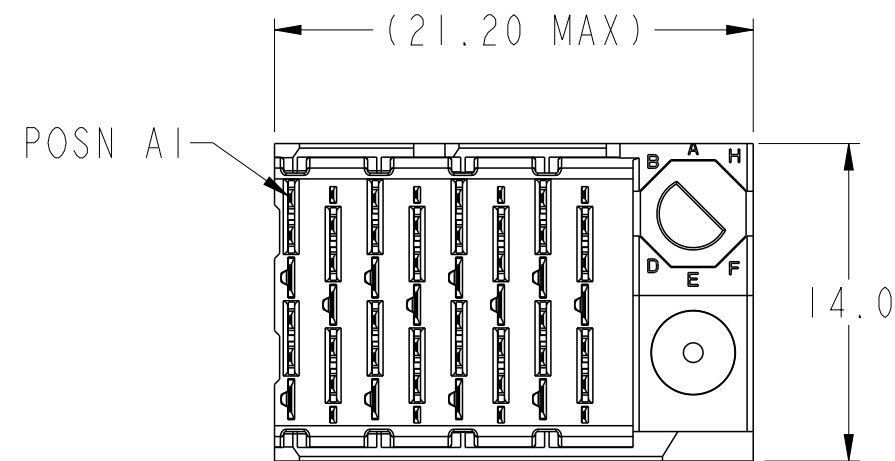
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RIGHT POLARIZING/GUIDE MODULE

SEE NOTE 8



SEE NOTE 5

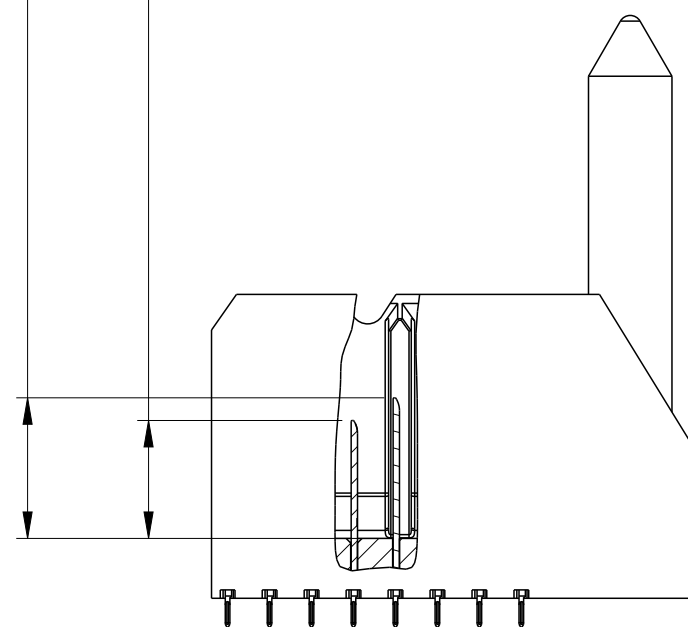


SCALE 3:1

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

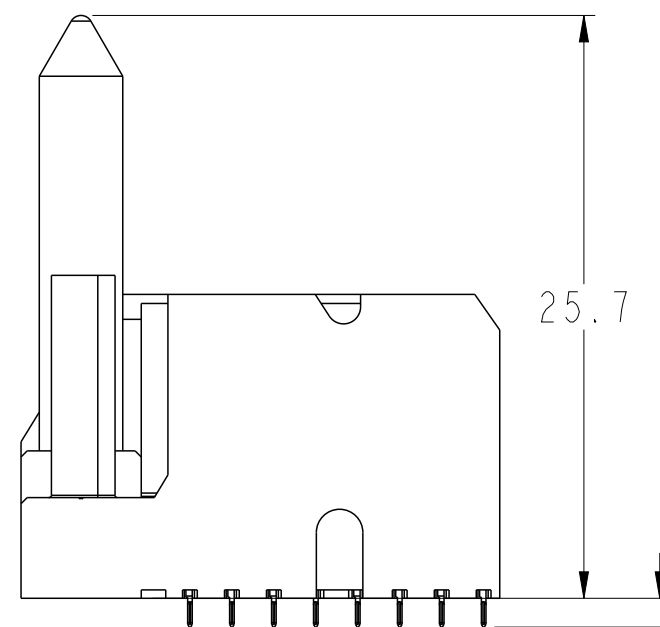
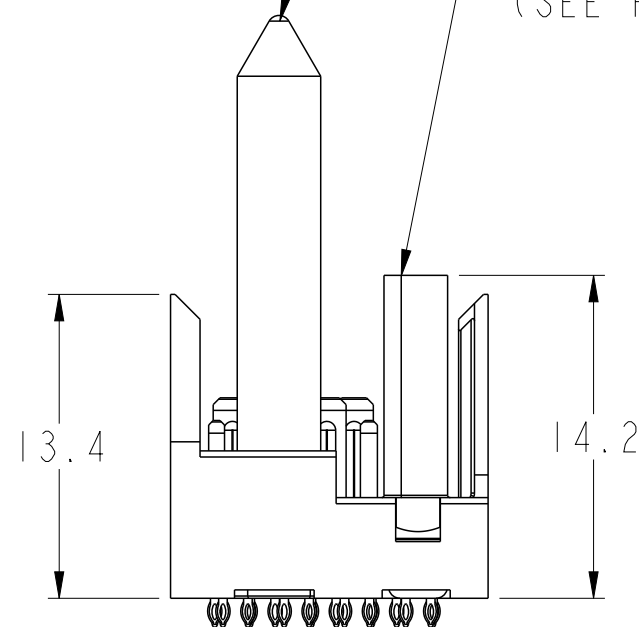
5.2 (3MM SMALL END GROUNDS)
5.2 (3MM WIPE SIGNALS)
4.2 (2MM WIPE SIGNALS)

(SEE P/N TREE FOR
ALL COMBINATIONS AVAILABLE)



GUIDE PIN

OPTIONAL KEYING PIN
(SEE P/N TREE)



1.27

2.06
TO TOP SURFACE
OF DAUGHTERCARD

SEE DETAIL A
(SHEET 8)

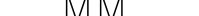
NOMINAL MODULE OUTLINE

PCB HOLE PATTERN
COMPONENT SIDE
SCALE 10:1

TOP SURFACE OF
DAUGHTERCARD

Ø 2.55
2.35

Ø 0.10 X_BP Y_BP
SEE NOTE 11 & TABLE 1

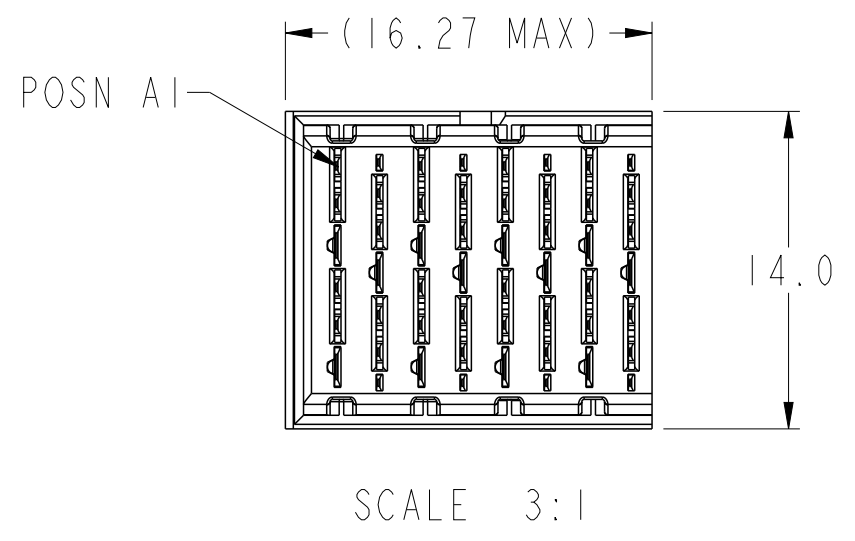
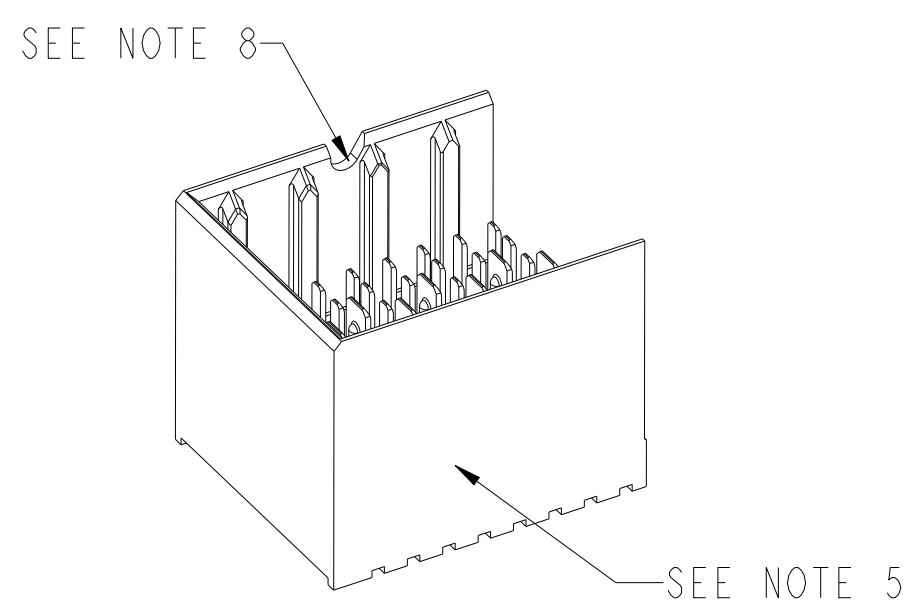
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ASME Y14.5				chr		Stone Li		2017/06/05													
				appr		Heaven Cen		2017/06/05		product family		-		rel level		Released					
surface		✓		linear		Amphenol FCI		title		MODULE ASSEMBLY		dwg no		10113949				rev		H	

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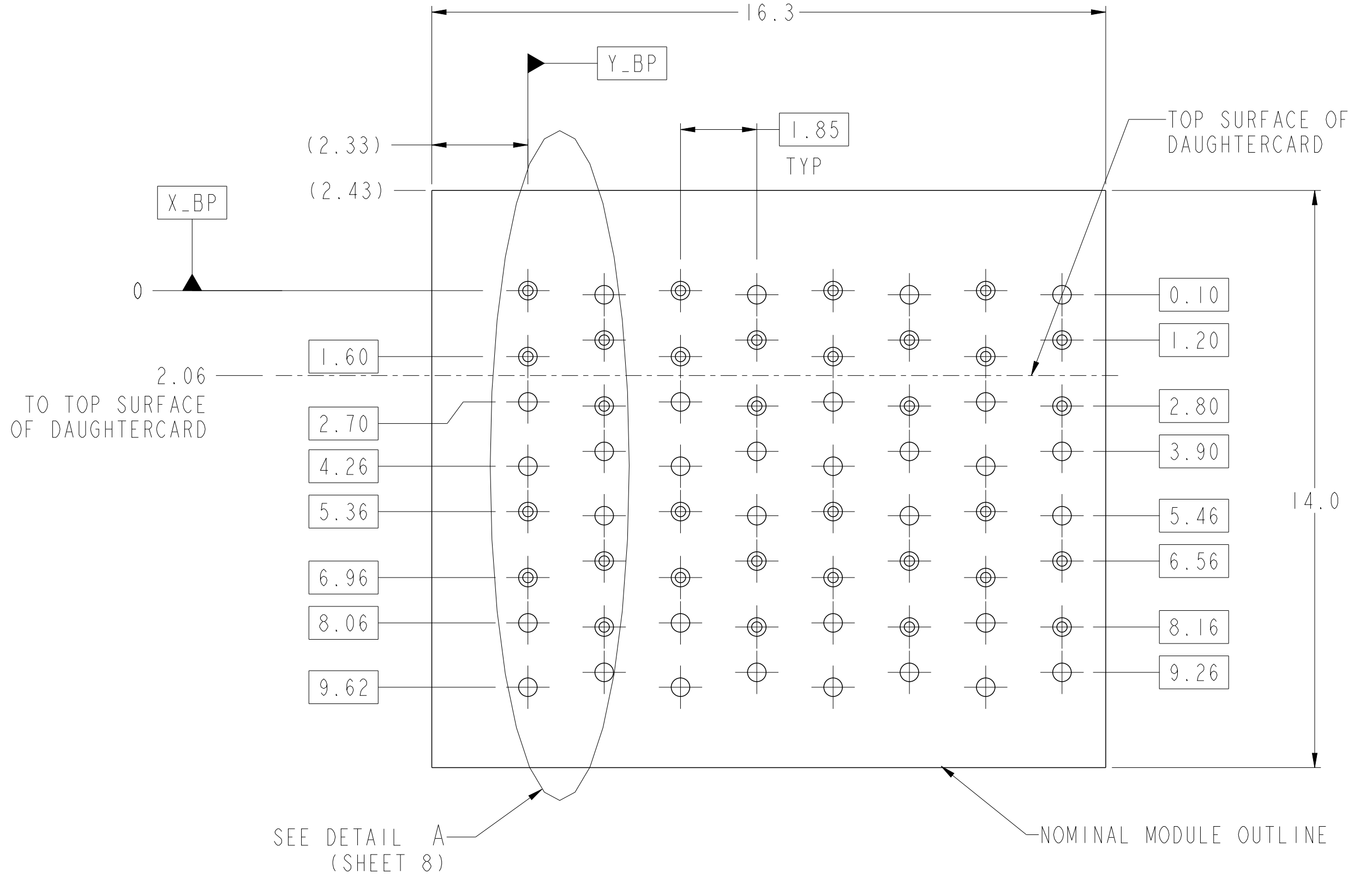
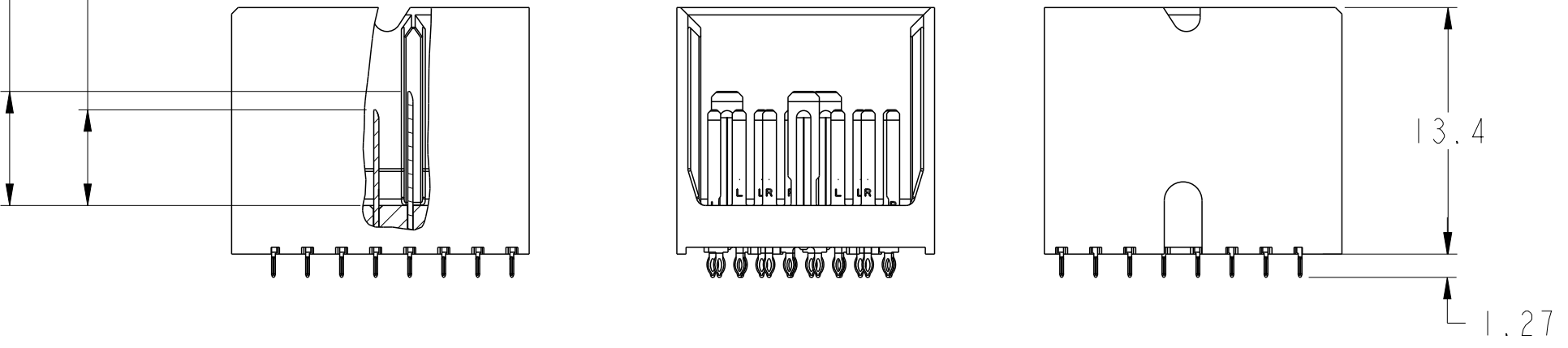
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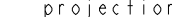
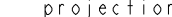
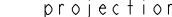
LEFT WALL MODULE



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)

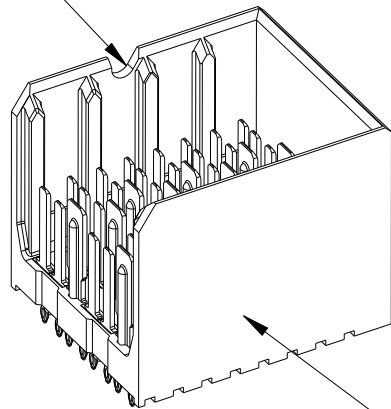


PCB HOLE PATTERN
COMPONENT SIDE
SCALE 10:1

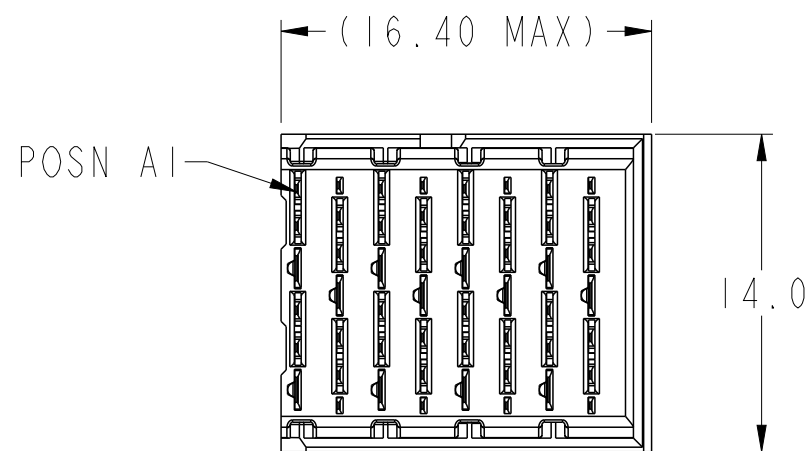
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ASME Y14.5						chr		Stone Li		2017/06/05													
						appr		Heaven Cen		2017/06/05													
										product family													
surface		✓		linear		Amphenol FCI		title		MODULE ASSEMBLY		dwg no		10113949		rev		H					
				0.X																±0.2			
				0.XX																±0.10			
ASME Y14.5				0.XXX		±0.050																	
		angular		0°		±°																	

RIGHT WALL MODULE

SEE NOTE 8



SEE NOTE 5

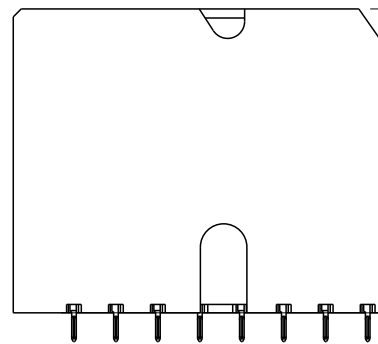
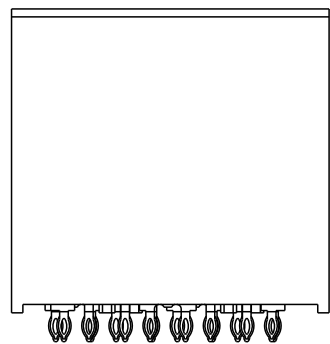
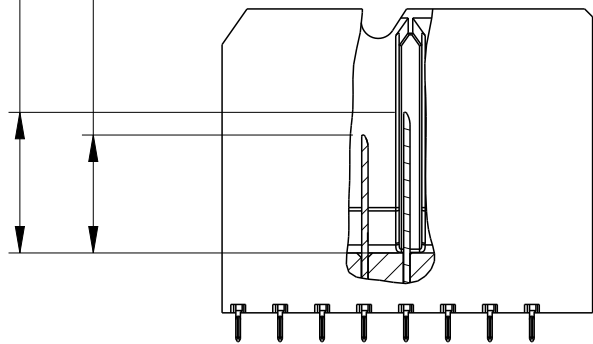


SCALE 3:1

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)



13.4

1.27

X_BP

0

2.06

TO TOP SURFACE
OF DAUGHTERCARD

(0.73)

(2.43)

Y_BP

16.4

1.85
TYP

TOP SURFACE OF
DAUGHTERCARD

0.10

1.20

2.80

3.90

5.46

6.56

8.16

9.26

14.0

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					
ASME Y14.5				chr		Stone Li		2017/06/05						product family		-		rel level		Released	
				appr		Heaven Cen		2017/06/05													
surface		linear		Amphenol FCI		title		MODULE ASSEMBLY		dwg no		10113949		rev		H					
		0.X																±0.2			
		0.XX																±0.10			
ASME Y14.5		angular																			
		0°																			
																</					

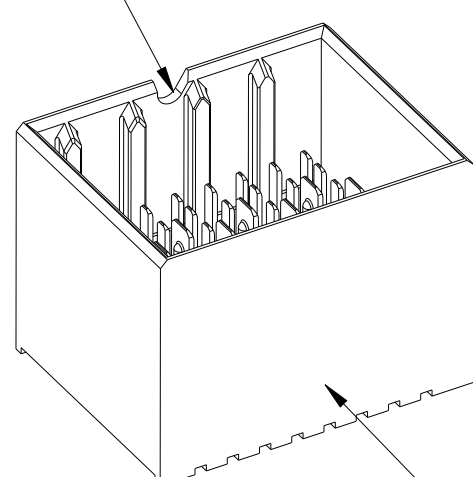
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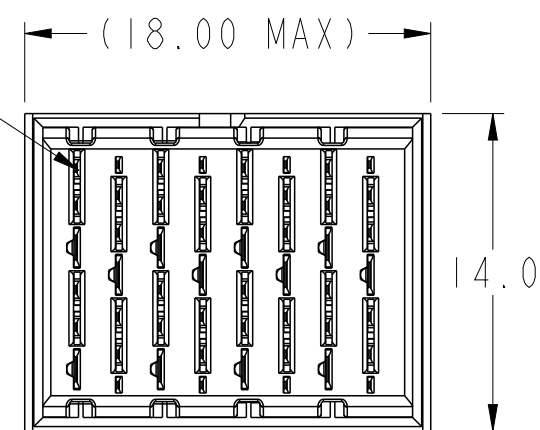
FOUR WALL MODULE

SEE NOTE 8



SEE NOTE 5

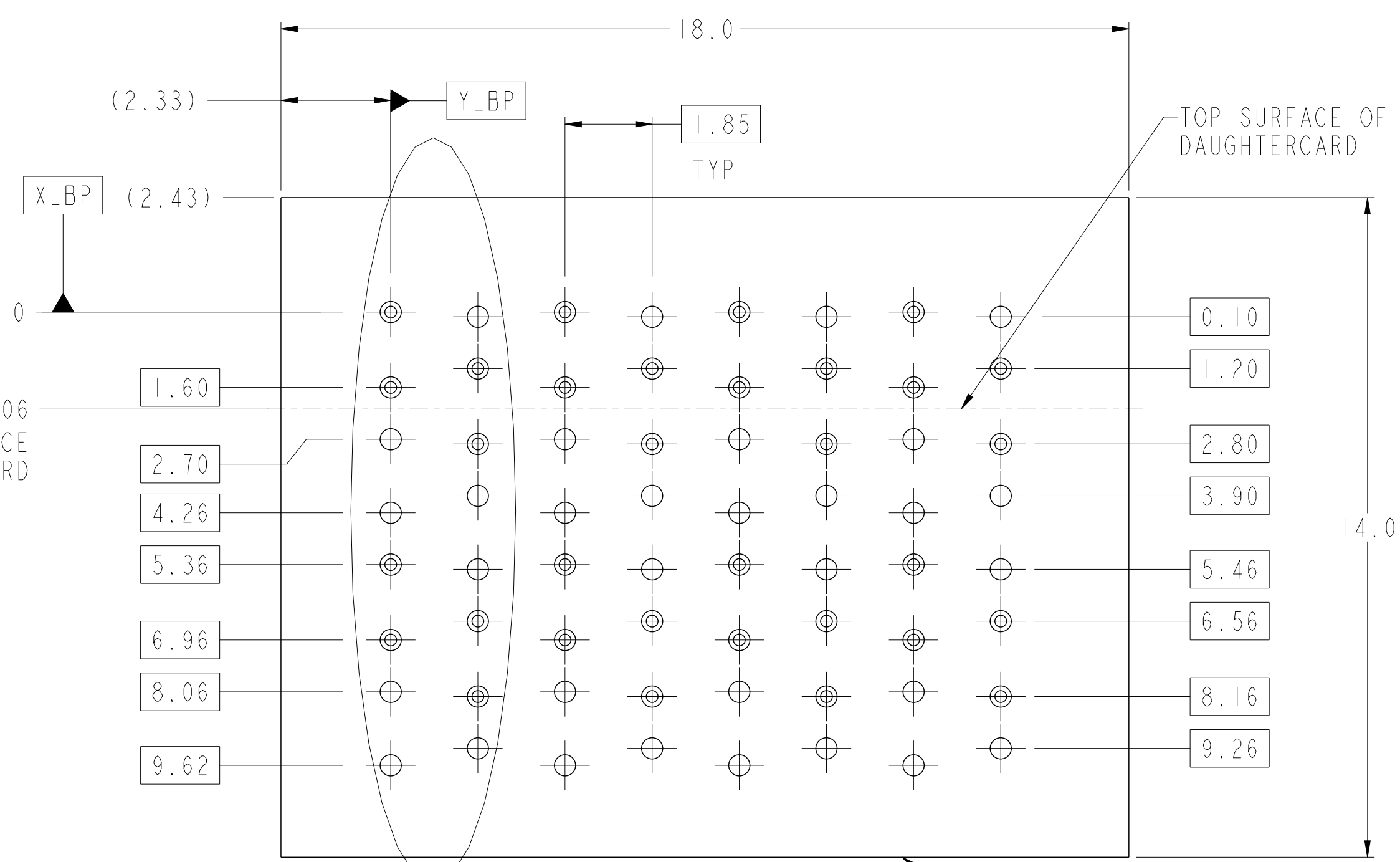
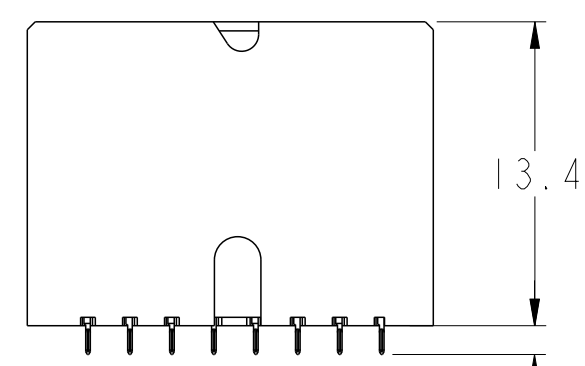
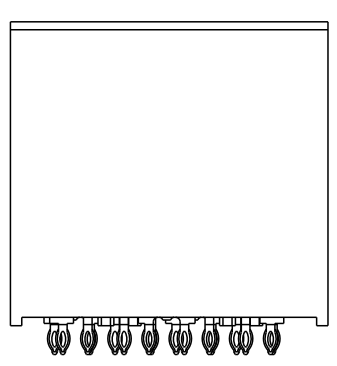
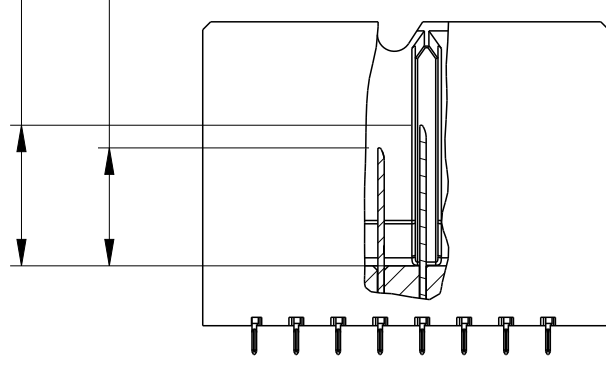
POSN A1



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)

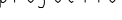
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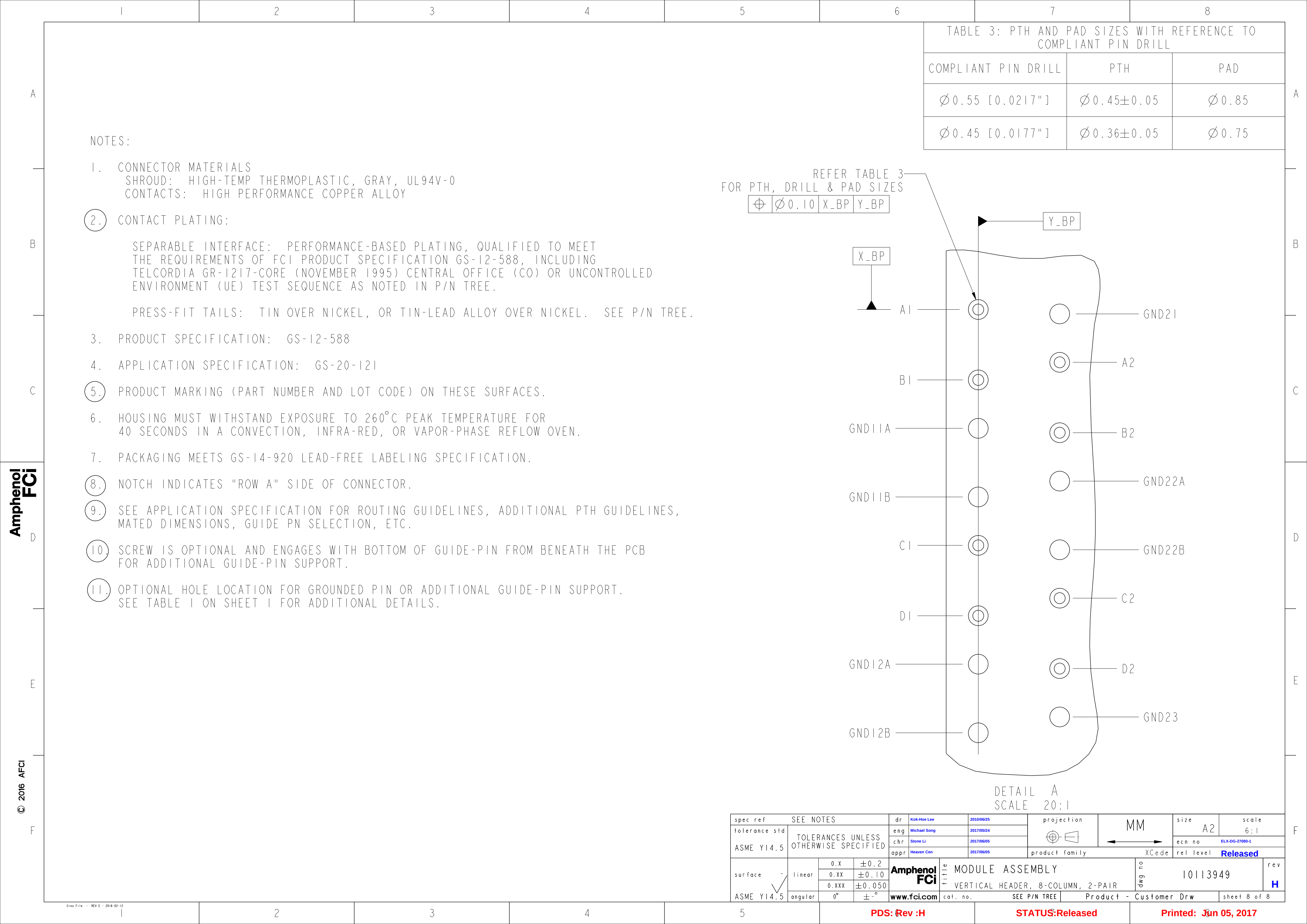


SEE DETAIL A (SHEET 8)

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		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						rel level		Released																		
					appr		Heaven Cen		2017/06/05						product family		-																		
surface		linear		0.X		±0.2		Amphenol FCI		title		MODULE ASSEMBLY										dwg no		10113949										rev	
				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									



Mouser Electronics

Authorized Distributor

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[FCI / Amphenol:](#)

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[10113949-00E-30DLF](#) [10113949-00E-40B](#) [10113949-00E-40DLF](#) [10113949-00E-50B](#) [10113949-00E-50DLF](#)
[10113949-00E-60B](#) [10113949-00E-60DLF](#) [10113949-00E-70B](#) [10113949-00E-70DLF](#) [10113949-00E-80B](#) [10113949-](#)
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[10E-80DLF](#) [10113949-A0E-10B](#) [10113949-A0E-10DLF](#) [10113949-A0E-20B](#) [10113949-A0E-20DLF](#) [10113949-A0E-](#)
[30B](#) [10113949-A0E-30DLF](#) [10113949-A0E-40B](#) [10113949-A0E-40DLF](#) [10113949-A0E-50B](#) [10113949-A0E-50DLF](#)
[10113949-A0E-60B](#) [10113949-A0E-60DLF](#) [10113949-A0E-70B](#) [10113949-A0E-70DLF](#) [10113949-A0E-80B](#)
[10113949-A0E-80DLF](#) [10113949-B0E-10B](#) [10113949-B0E-10DLF](#) [10113949-B0E-20B](#) [10113949-B0E-20DLF](#)
[10113949-B0E-30B](#) [10113949-B0E-30DLF](#) [10113949-B0E-40B](#) [10113949-B0E-40DLF](#) [10113949-B0E-50B](#)
[10113949-B0E-50DLF](#) [10113949-B0E-60B](#) [10113949-B0E-60DLF](#) [10113949-B0E-70B](#) [10113949-B0E-70DLF](#)
[10113949-B0E-80B](#) [10113949-B0E-80DLF](#) [10113949-C0E-10B](#) [10113949-C0E-10DLF](#) [10113949-C0E-20B](#)
[10113949-C0E-20DLF](#) [10113949-C0E-30B](#) [10113949-C0E-30DLF](#) [10113949-C0E-40B](#) [10113949-C0E-40DLF](#)
[10113949-C0E-50B](#) [10113949-C0E-50DLF](#) [10113949-C0E-60B](#) [10113949-C0E-60DLF](#) [10113949-C0E-70B](#)
[10113949-C0E-70DLF](#) [10113949-C0E-80B](#) [10113949-C0E-80DLF](#) [10113949-D0E-10B](#) [10113949-D0E-10DLF](#)
[10113949-D0E-20B](#) [10113949-D0E-20DLF](#) [10113949-D0E-30B](#) [10113949-D0E-30DLF](#) [10113949-D0E-40B](#)
[10113949-D0E-40DLF](#) [10113949-D0E-50B](#) [10113949-D0E-50DLF](#) [10113949-D0E-60B](#) [10113949-D0E-60DLF](#)
[10113949-D0E-70B](#) [10113949-D0E-70DLF](#) [10113949-D0E-80B](#) [10113949-D0E-80DLF](#) [10113949-E0E-10B](#)
[10113949-E0E-10DLF](#) [10113949-E0E-20B](#) [10113949-E0E-20DLF](#)