

1

2

3

4

5

6

7

8

10091767 - X 0 C - X X X L F

6-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)

O (ZERO)

LEFT WALL MODULE (SEE SHEET 5)

L

RIGHT WALL MODULE (SEE SHEET 6)

M

FOUR WALL MODULE (SEE SHEET 7)

1

TABLE 1: OPTIONAL PCB HOLE SIZE (SEE NOTE 11)

GROUND

UNGROUND

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

tolerance std

ASME Y14.5

surface

ASME Y14.5

TOLERANCES UNLESS OTHERWISE SPECIFIED

linear

0.X

±0.2

0.XX

±0.10

0.XXX

±0.050

angular

0°

±°

dr

eng

chr

appr

Jim Swain

2009/03/03

Michael Song

2016/06/01

Heaven Cen

2016/06/08

Pei-Ming Zheng

2016/06/15

projection

MM

size

A2

scale

4:1

product family

XCede

rel level

Released

Amphenol FCI

MODULE ASSEMBLY

VERTICAL HEADER, 6-COLUMN, 4-PAIR

cat. no.

SEE P/N TREE

Product - Customer Drw

sheet 1 of 8

title

10091767

rev

G

Amphenol FCI

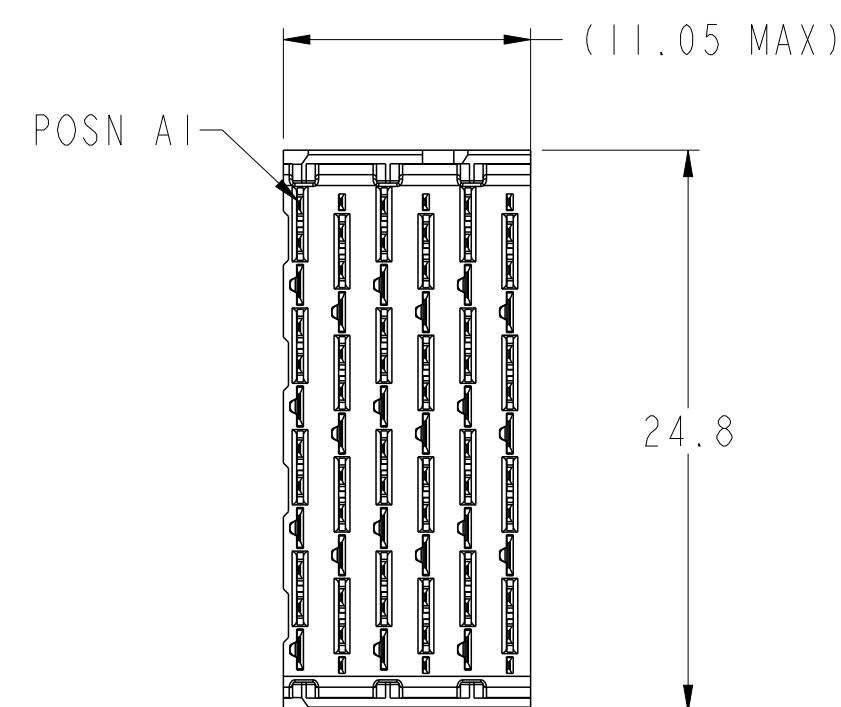
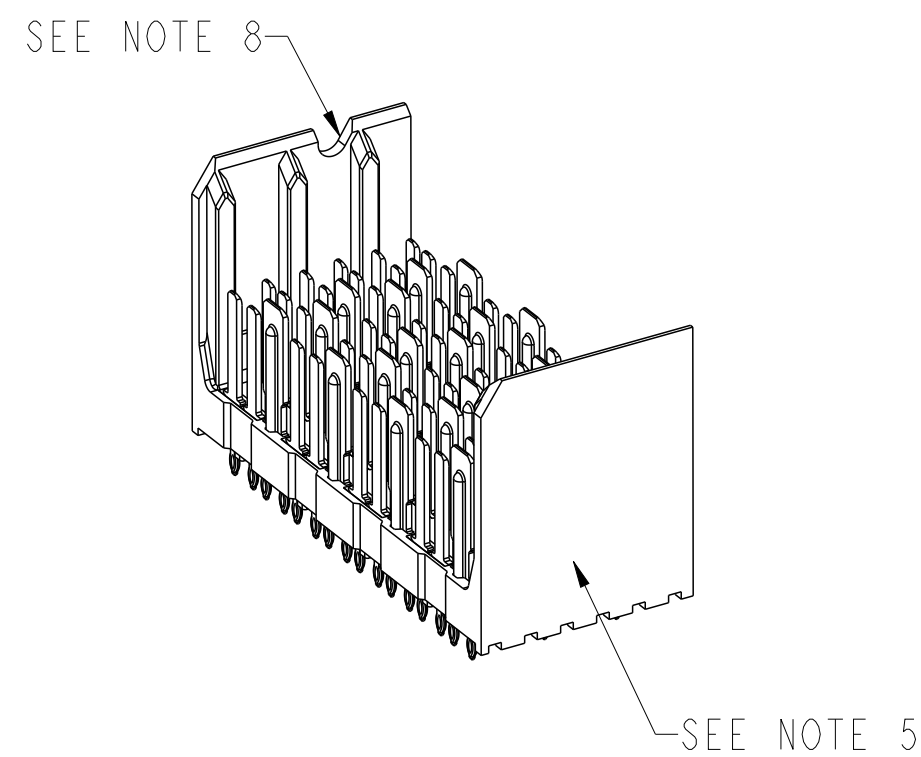
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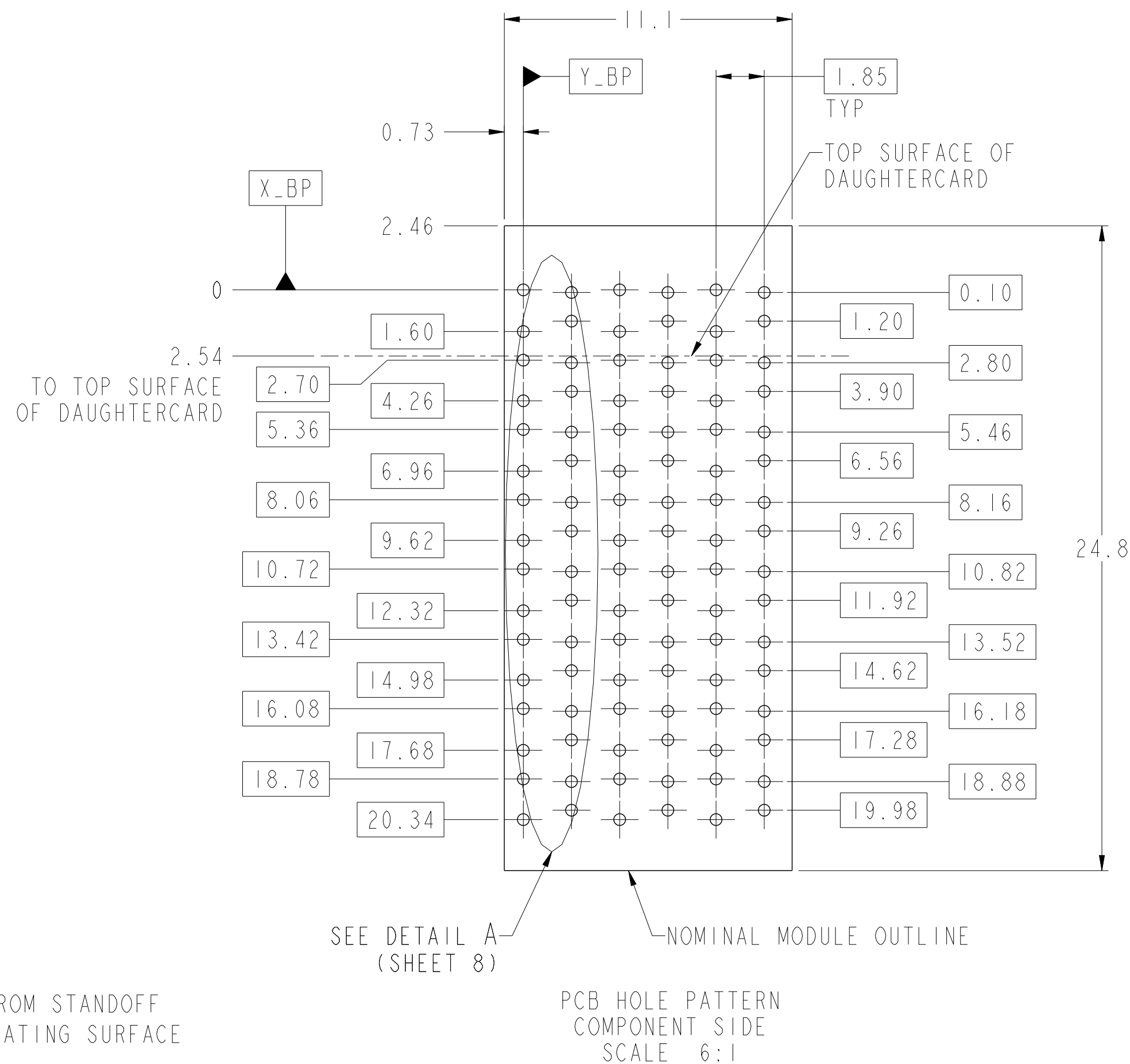
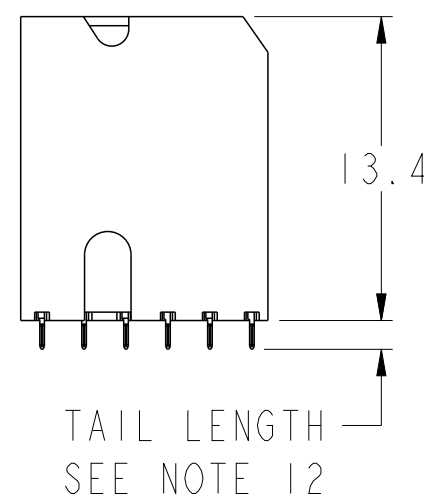
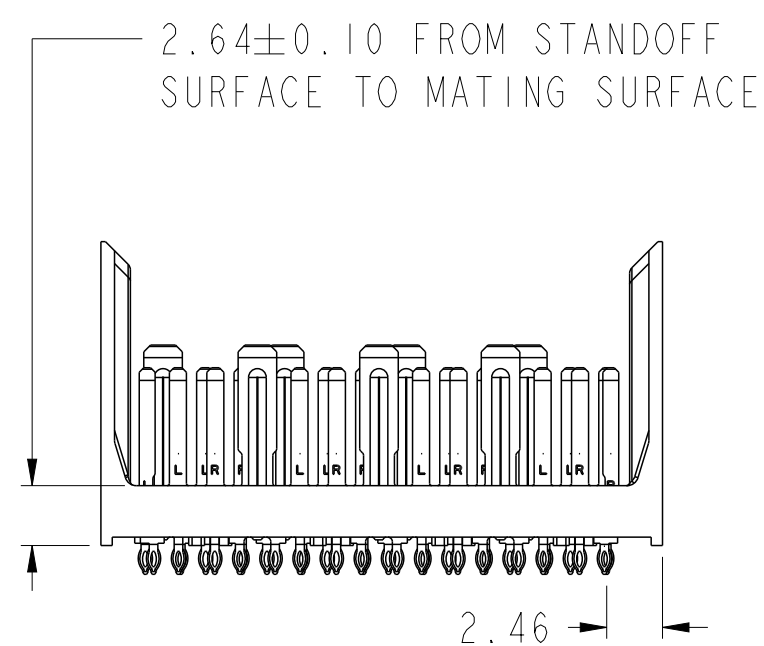
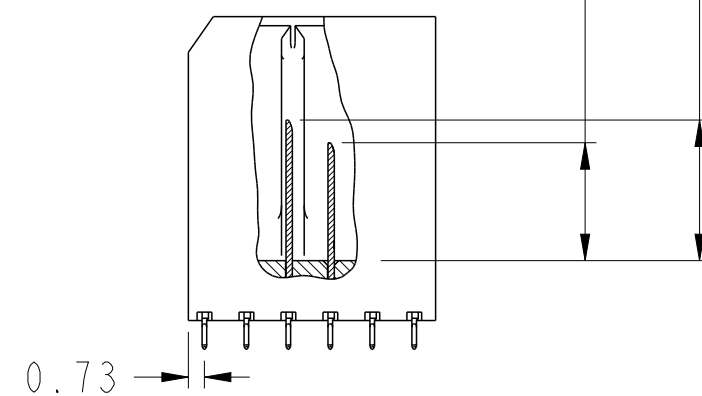


6.2 (4MM WIPE WIDE GROUNDS)
5.2 (3MM WIPE WIDE GROUNDS)

```

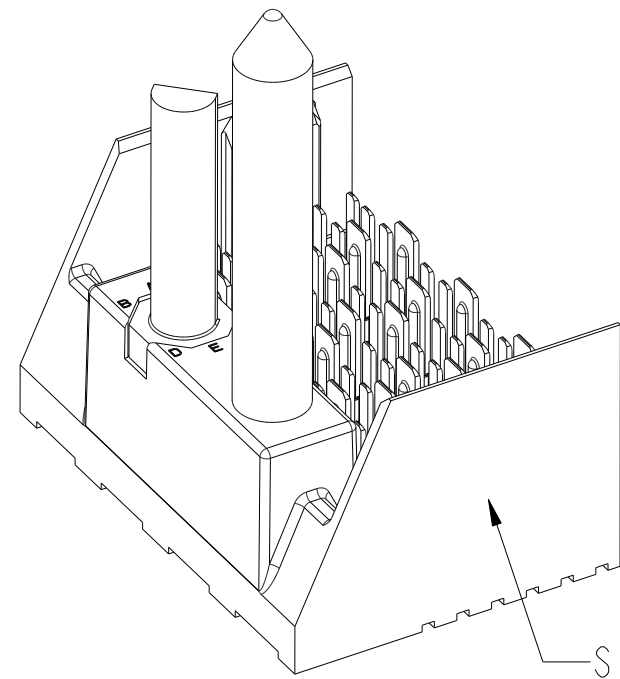
5.2 (3MM SMALL END GROUNDS)
5.2 (3MM WIPE SIGNALS)
4.2 (2MM WIPE SIGNALS)
SEE P/N TREE

```

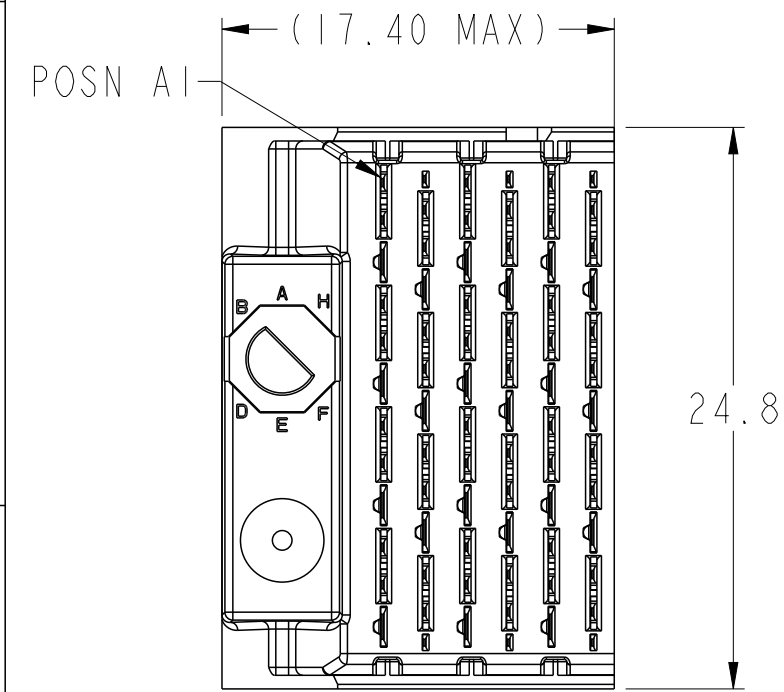


spec ref		SEE NOTES		dr		Jim Swain		2009/03/03		projection		size		scale					
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Michael Song		2016/06/01						A2		3:1			
ASME Y14.5				chr		Heaven Cen		2016/06/08											
				appr		Pei-Ming Zheng		2016/06/15		product family		XCode		ecn no		ELX-DG-24191-1			
surface		linear		0.X		±0.2		Amphenol FCI		title		MODULE ASSEMBLY VERTICAL HEADER, 6-COLUMN, 4-PAIR		dwg no		10091767		rev	
				0.XX		±0.10													
ASME Y14.5		angular		0.XXX		±0.050													
				0°		±		cat. no.		SEE P/N TREE		Product - Customer Drw		sheet 2 of 8					

LEFT POLARIZING/GUIDE MODULE



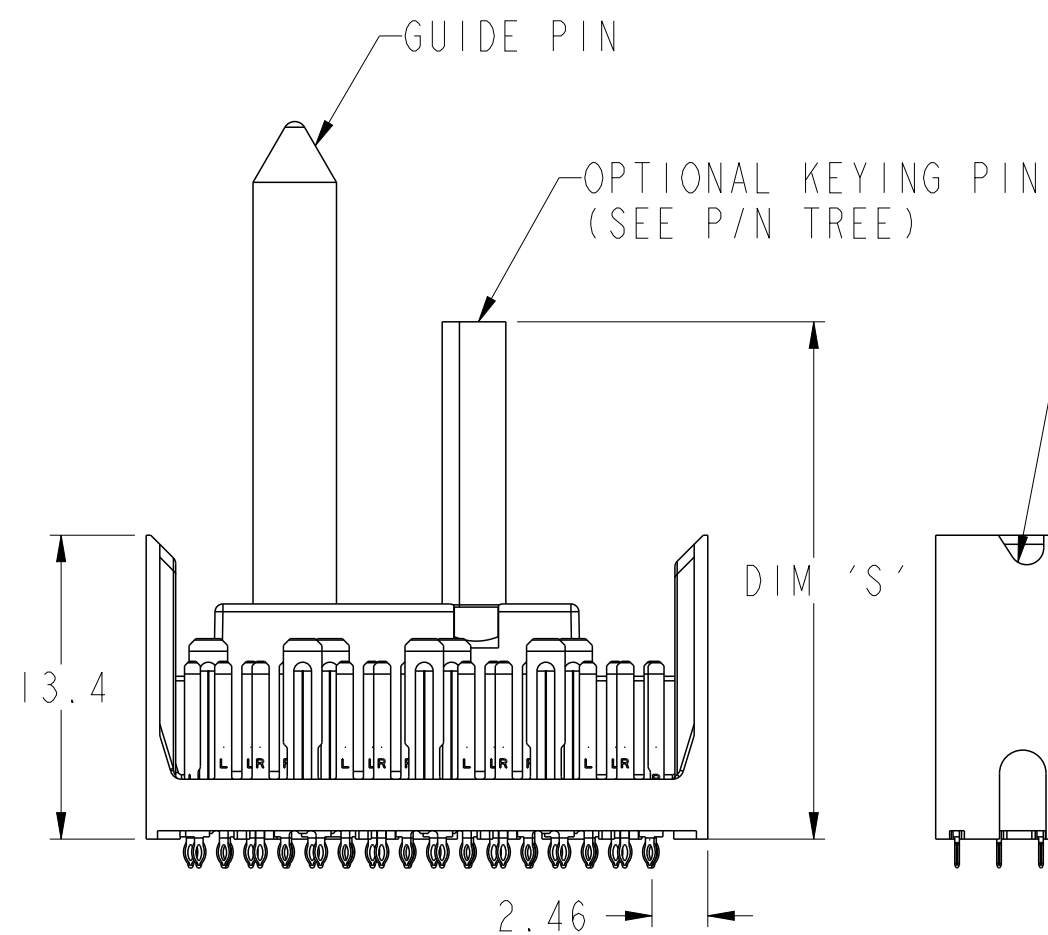
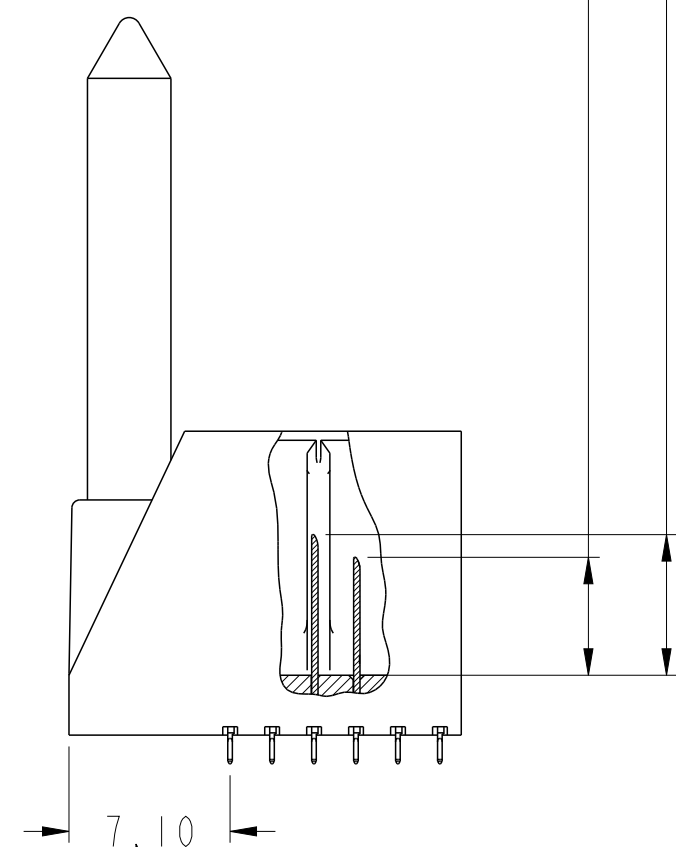
—SEE NOTE 5



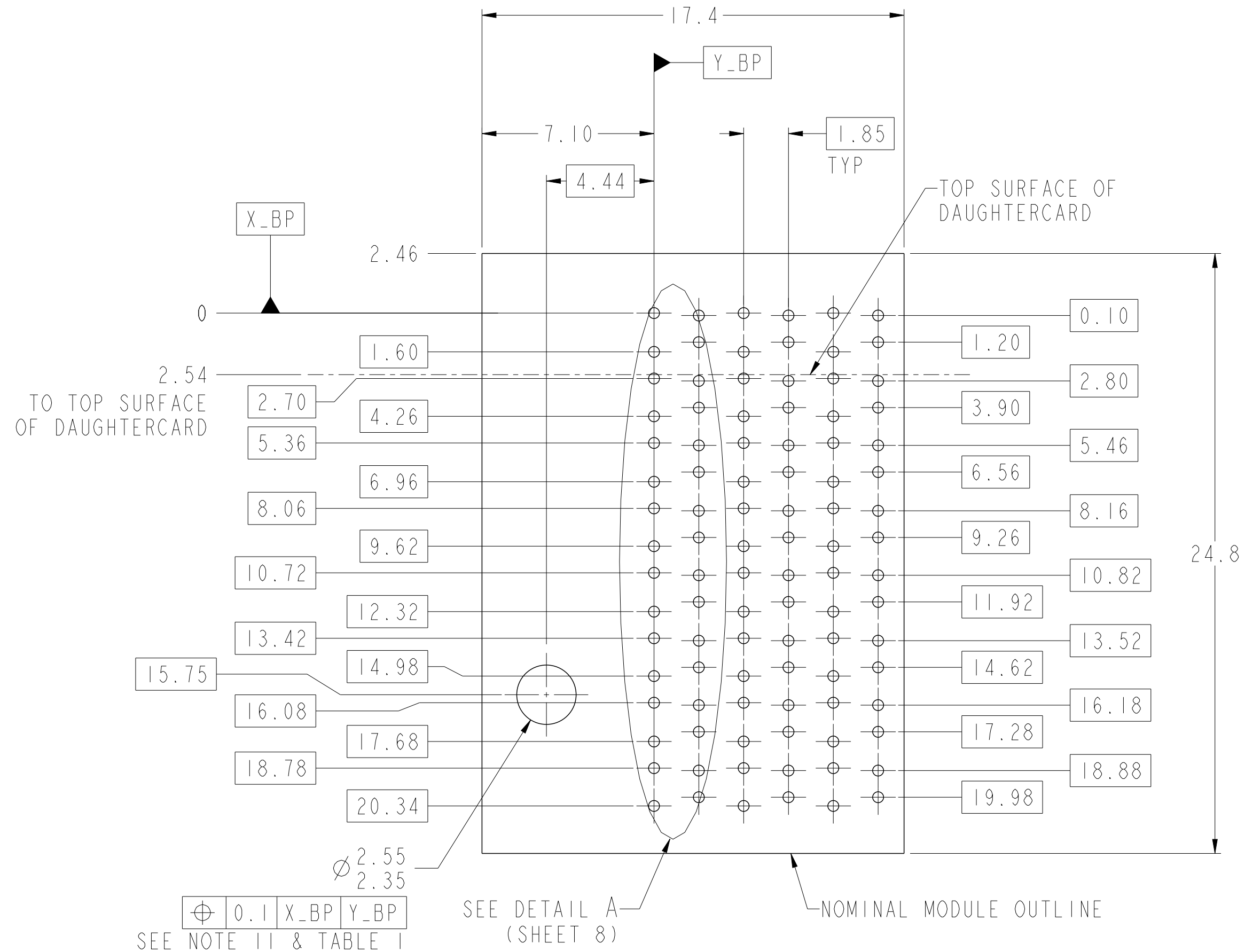
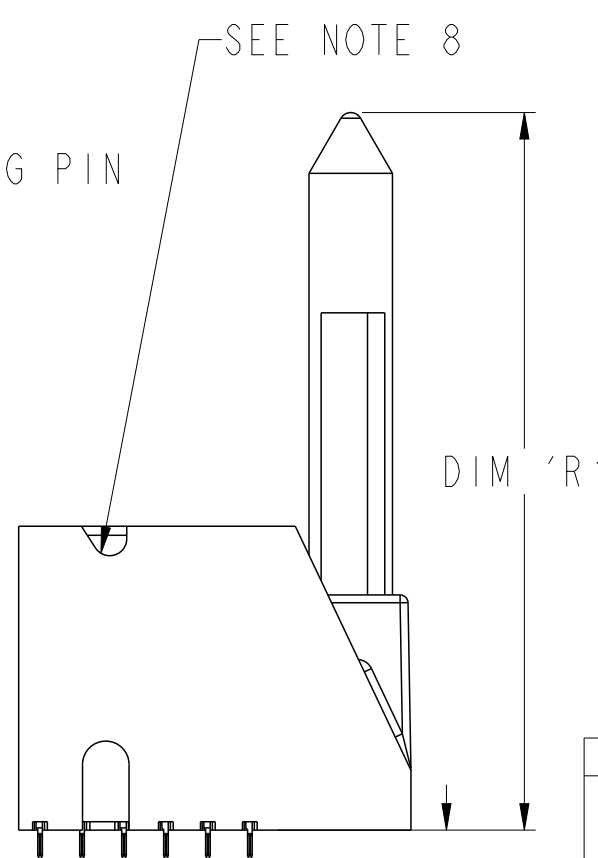
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6.2 (4MM WIPE WIDE GROUNDS)
5.2 (3MM WIPE WIDE GROUNDS)
5.2 (3MM SMALL END GROUNDS)
    5.2 (3MM WIPE SIGNALS)
    4.2 (2MM WIPE SIGNALS)
        SEE P/N TREE

```



TAIL LENGTH
SEE NOTE 12



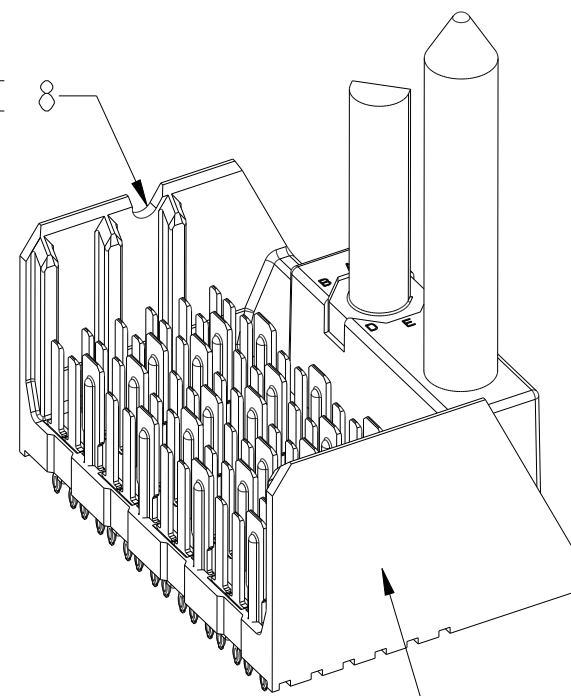
PCB HOLE PATTERN
COMPONENT SIDE
SCALE 6:1

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

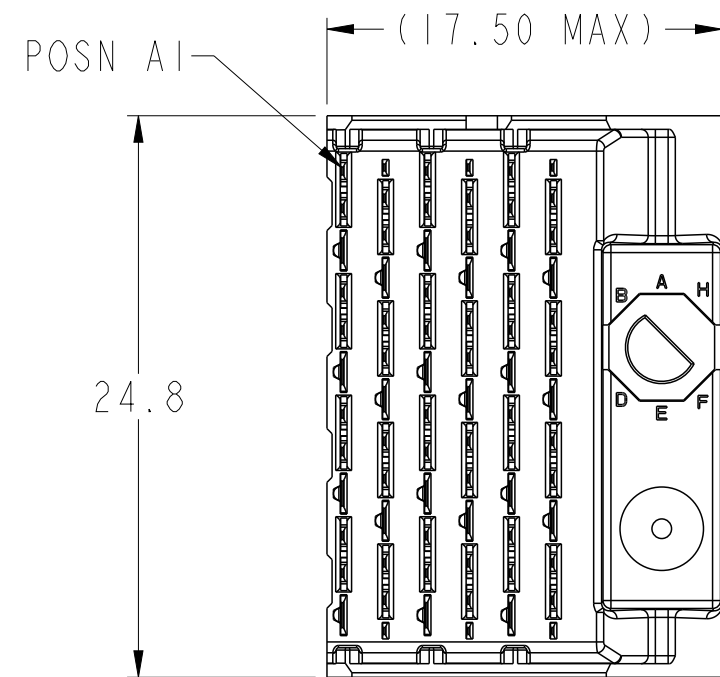
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tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Michael Song		2016/06/01				ecn no		ELX-DG-24191-1		rel level		Released					
ASME Y14.5				chr		Heaven Cen		2016/06/08				product family		XCede									
				appr		Pei-Ming Zheng		2016/06/15															
surface				linear		Amphenol FCI		title		MODULE ASSEMBLY		dwg no		10091767		rev		G					
																				0.X		±0.2	
																				0.XX		±0.10	
ASME Y14.5		angular																					

RIGHT POLARIZING/GUIDE MODULE

SEE NOTE 8



SEE NOTE 5



TO TOP SURFACE
OF DAUGHTERCARD

2.54

X_BP

0.73

2.46

Y_BP

14.06

1.85
TYP

TOP SURFACE OF
DAUGHTERCARD

0

1.60

2.70

5.36

4.26

6.96

8.06

9.62

10.72

12.32

13.42

14.98

16.08

17.68

18.78

20.34

1.20

0.10

2.80

5.46

6.56

8.16

9.26

10.82

11.92

13.52

14.62

16.18

17.28

18.88

19.98

15.75

24.8

SEE DETAIL A
(SHEET 8)

NOMINAL MODULE OUTLINE

PCB HOLE PATTERN
COMPONENT SIDE
SCALE 6:1

Ø 2.55
2.35

Ø 0.10 X_BP Y_BP
SEE NOTE 11 & TABLE 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

GUIDE PIN

OPTIONAL KEYING PIN
(SEE P/N TREE)

DIM 'R'

DIM 'S'

13.4

2.46

TAIL LENGTH
SEE NOTE 12

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	2009/03/03	projection	MM	size	A2	scale	3:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Michael Song	2016/06/01		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	XCede	rel level			
surface	linear	0.X	±0.2	Amphenol FCi	MODULE ASSEMBLY VERTICAL HEADER, 6-COLUMN, 4-PAIR			dwg no	10091767	rev
		0.XX	±0.10							
		0.XXX	±0.050							
ASME Y14.5	angular	0°	±°	cat. no.	SEE P/N TREE	Product - Customer Drw	sheet 4 of 8			

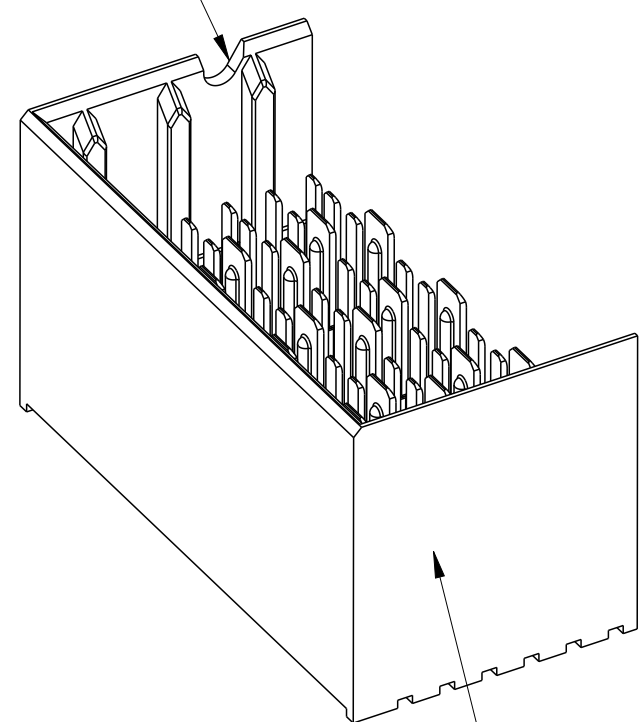
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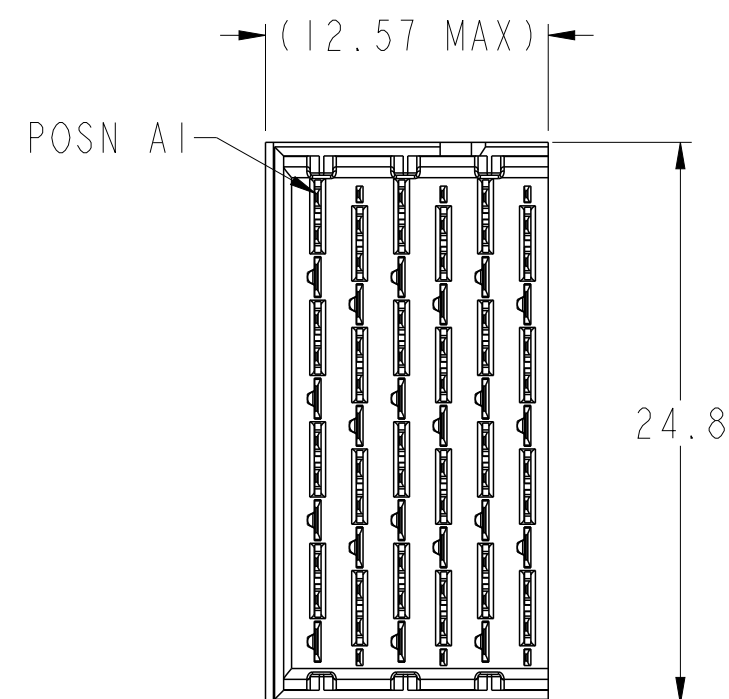
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LEFT WALL MODULE

SEE NOTE 8

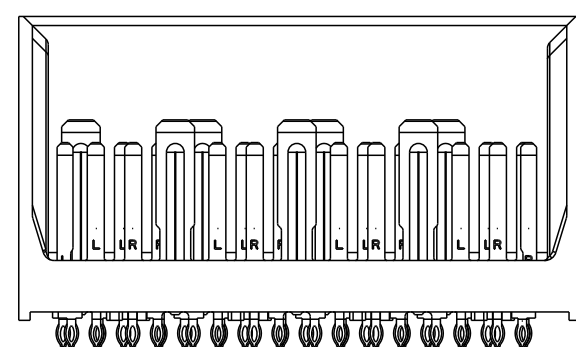
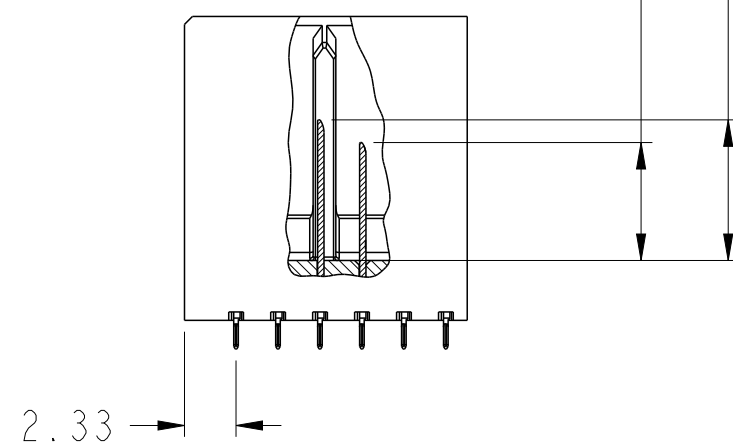


SEE NOTE 5

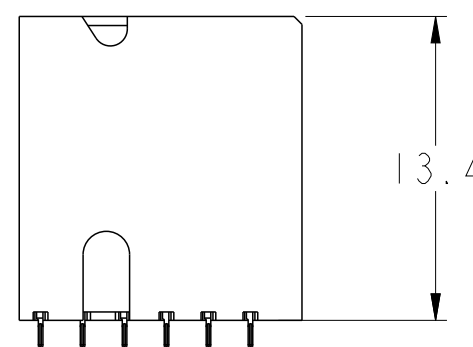


6.2 (4MM WIPE WIDE GROUNDS)
5.2 (3MM WIPE WIDE GROUNDS)

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

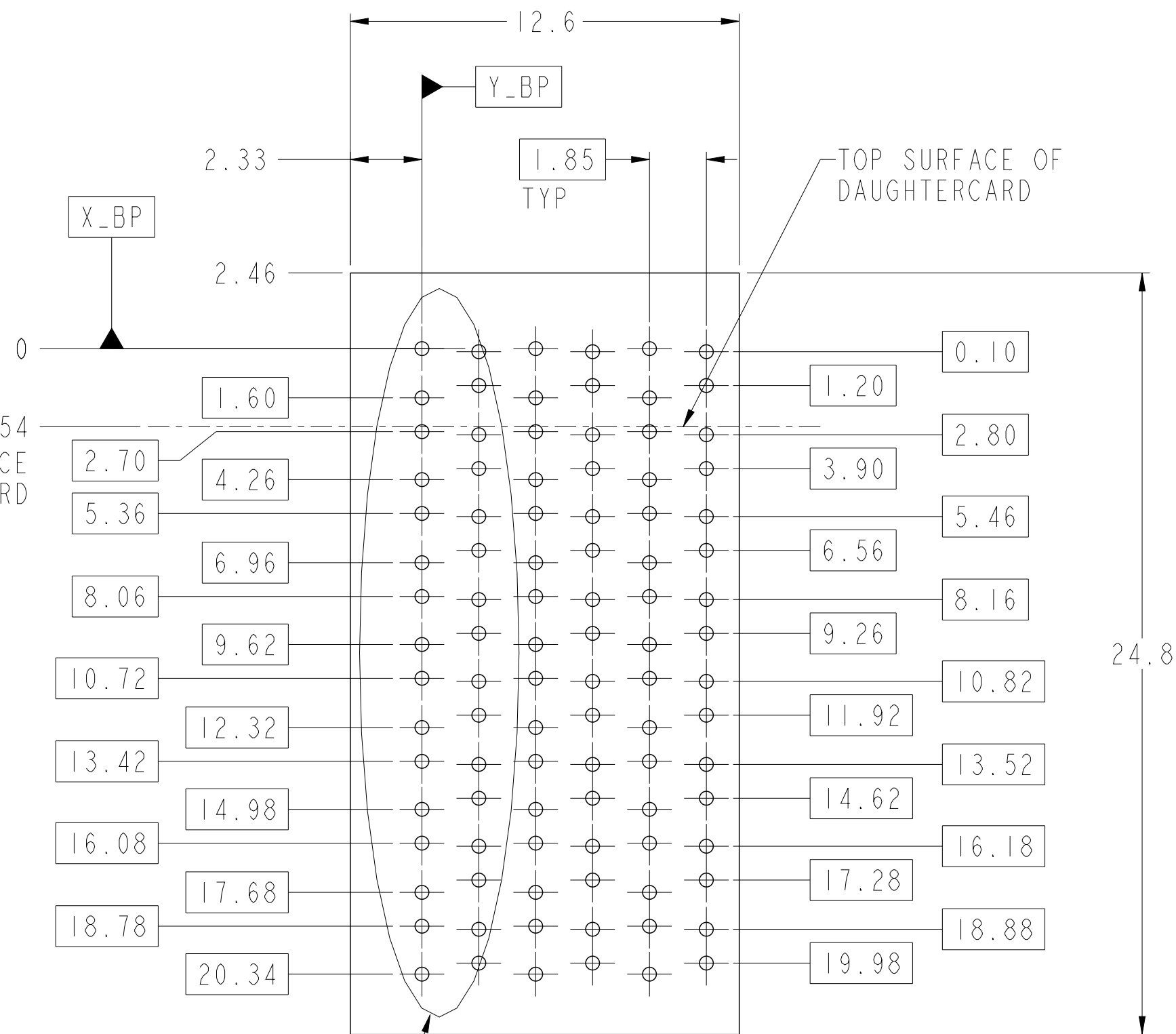


2.46



TAIL LENGTH
SEE NOTE 12

2.54
TO TOP SURFACE
OF DAUGHTERCARD



SEE DETAIL A
(SHEET 8)

PCB HOLE PATTERN
COMPONENT SIDE
SCALE 6:1

spec ref	SEE NOTES	dr	Jim Swain	2009/03/03	projection	MM	size	A2	scale	3:1
tolerance std	ASME Y14.5	eng	Michael Song	2016/06/01	chr	Heaven Cen	ecm no	ELX-DG-24191-1	rel level	Released
surface	linear	0.X	±0.2	0.XX	±0.10	0.XXX	±0.050	angular	0°	±°
ASME Y14.5	angular	0°	±°	Amphenol FCI	MODULE ASSEMBLY	VERTICAL HEADER, 6-COLUMN, 4-PAIR	cat. no.	SEE P/N TREE	Product - Customer Drw	sheet 5 of 8

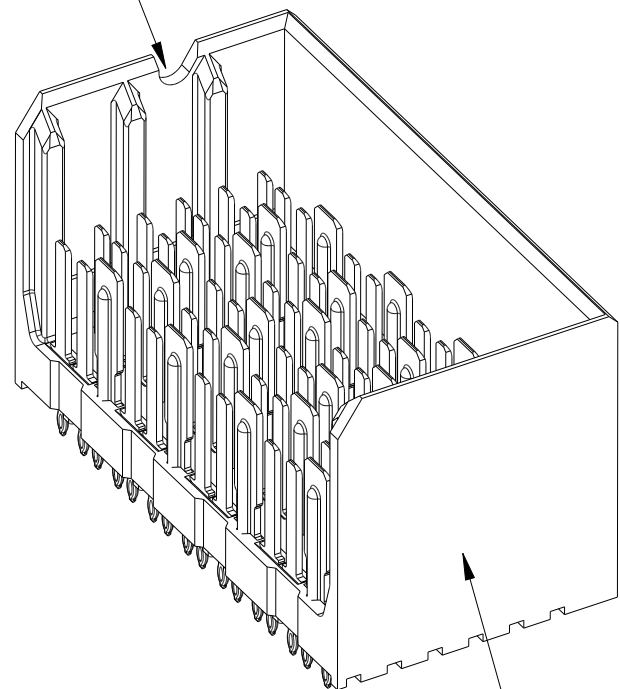
PDS: Rev :G

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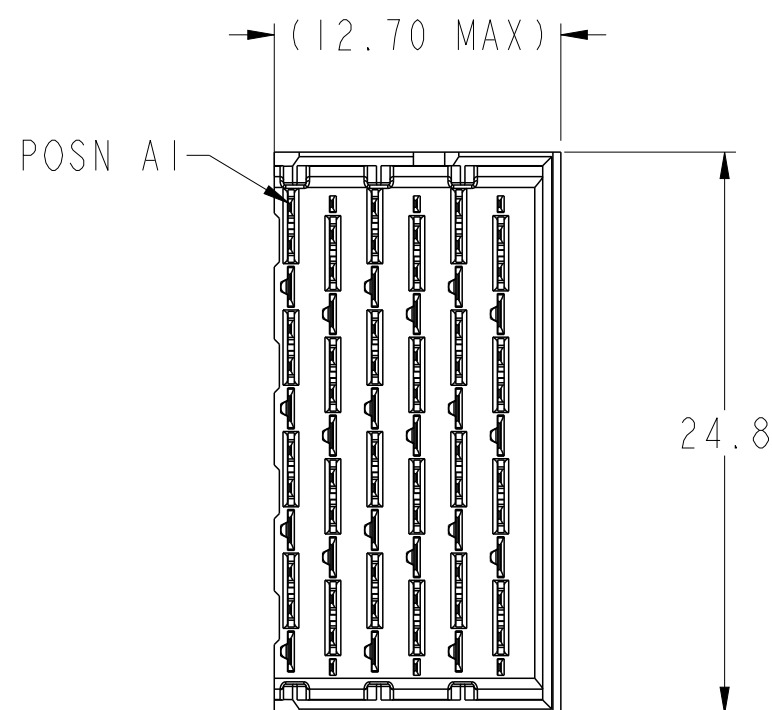
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RIGHT WALL MODULE

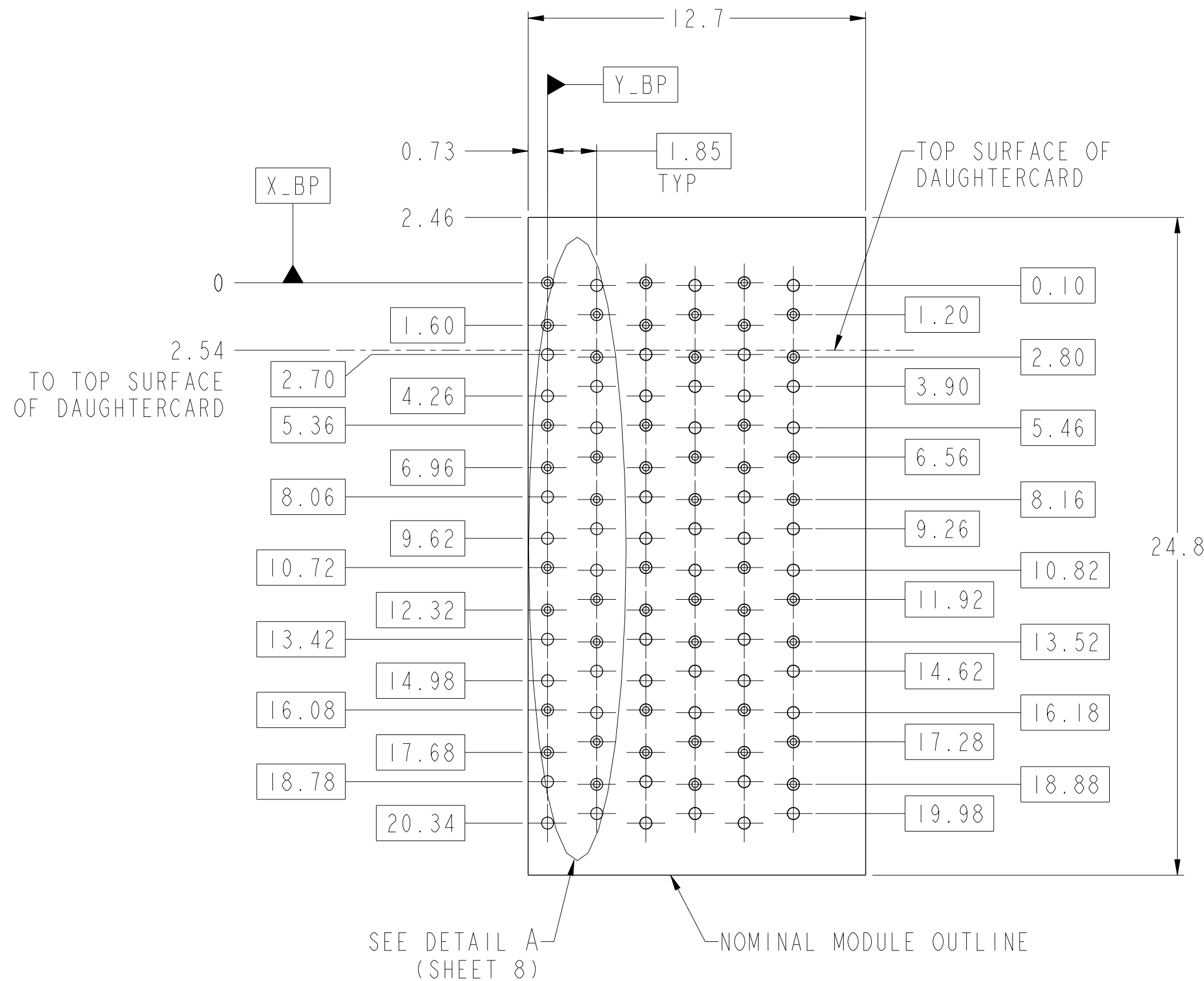
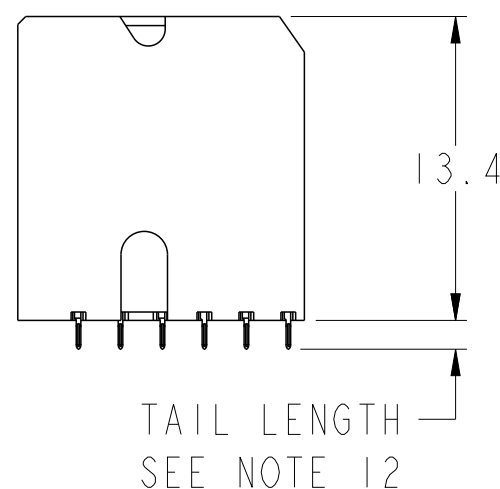
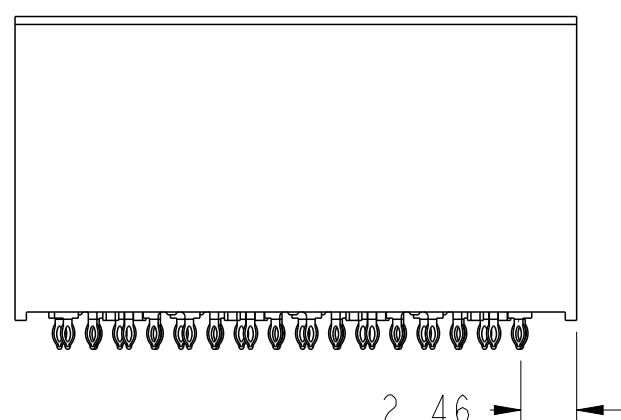
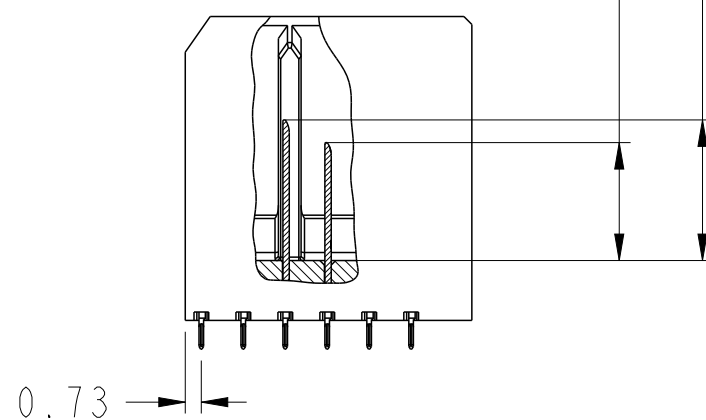
SEE NOTE 8



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



PCB HOLE PATTERN
COMPONENT SIDE
SCALE 6:1

spec ref	SEE NOTES	dr	Jim Swain	2009/03/03	projection	MM	size	A2	scale	3:1
tolerance std	ASME Y14.5	eng	Michael Song	2016/06/01	chr	Heaven Cen	ecn no	ELX-DG-24191-1	rel level	Released
surface	linear	app	Pei-Ming Zheng	2016/06/15	product family	XCede	rel level	Released	rev	G
ASME Y14.5	angular	0°	±°	0.X ±0.2	0.XX ±0.10	0.XXX ±0.050	cat. no.	SEE P/N TREE	Product - Customer Drw	sheet 6 of 8

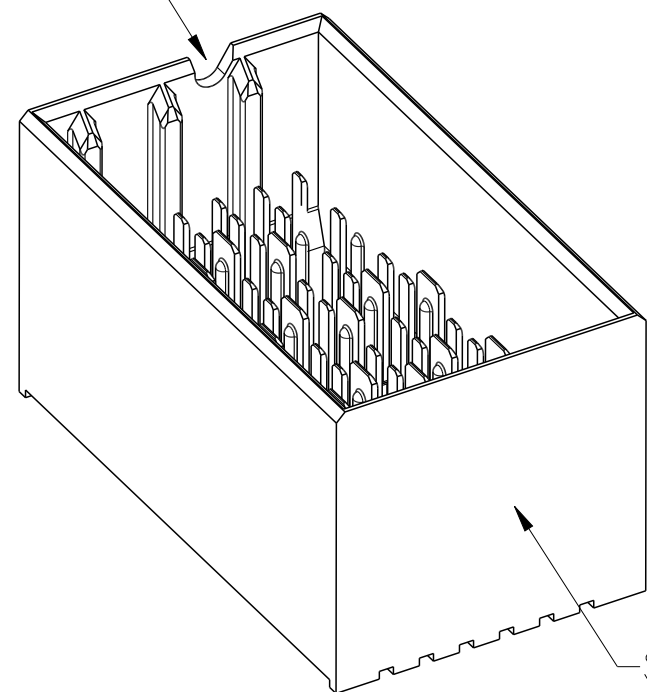
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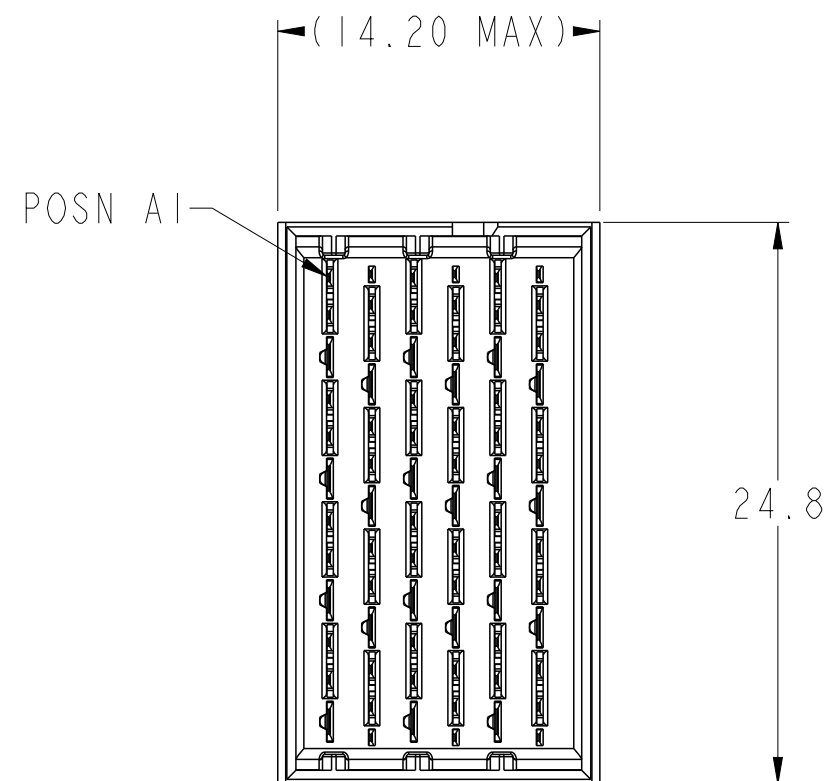
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4-WALL MODULE

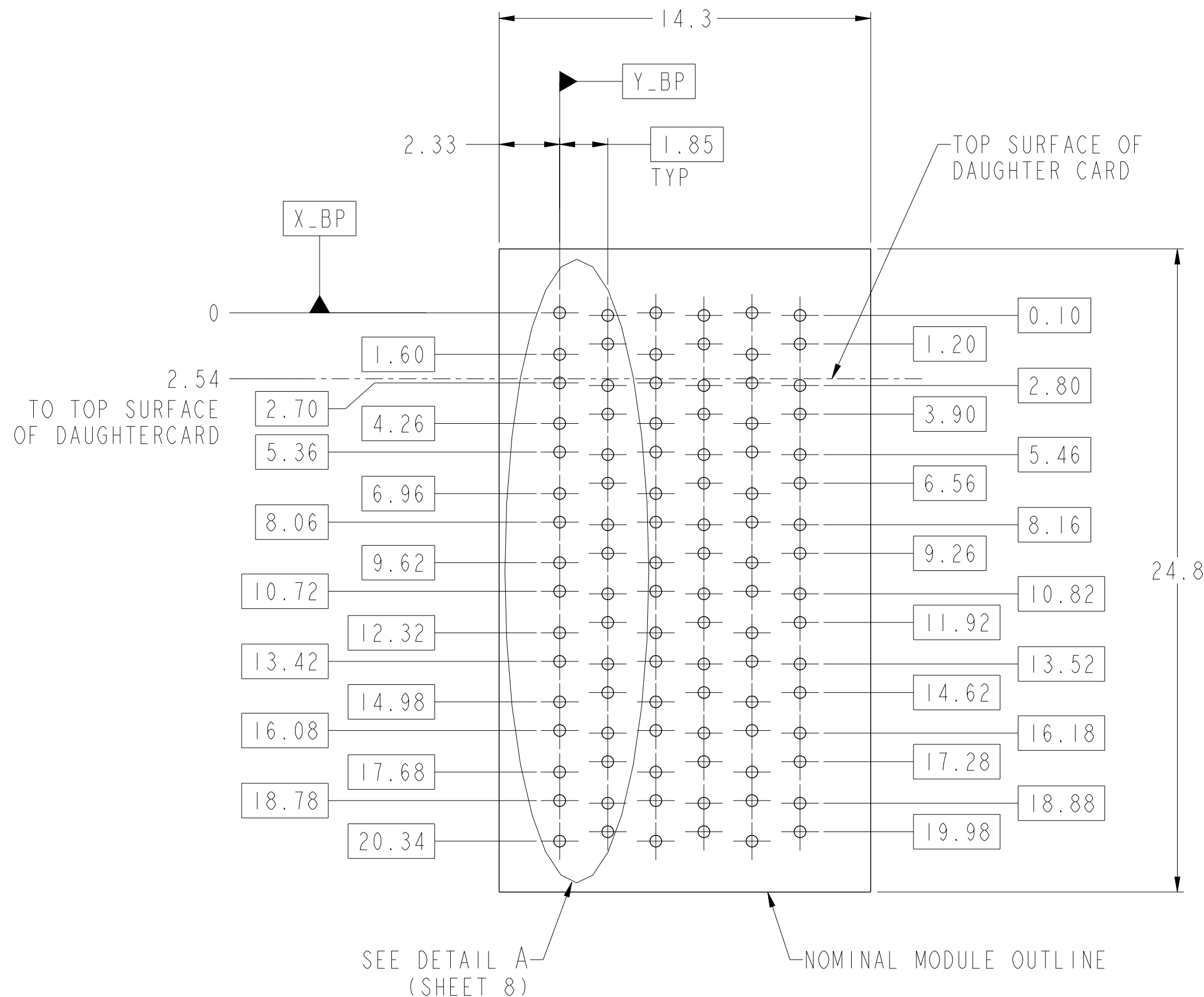
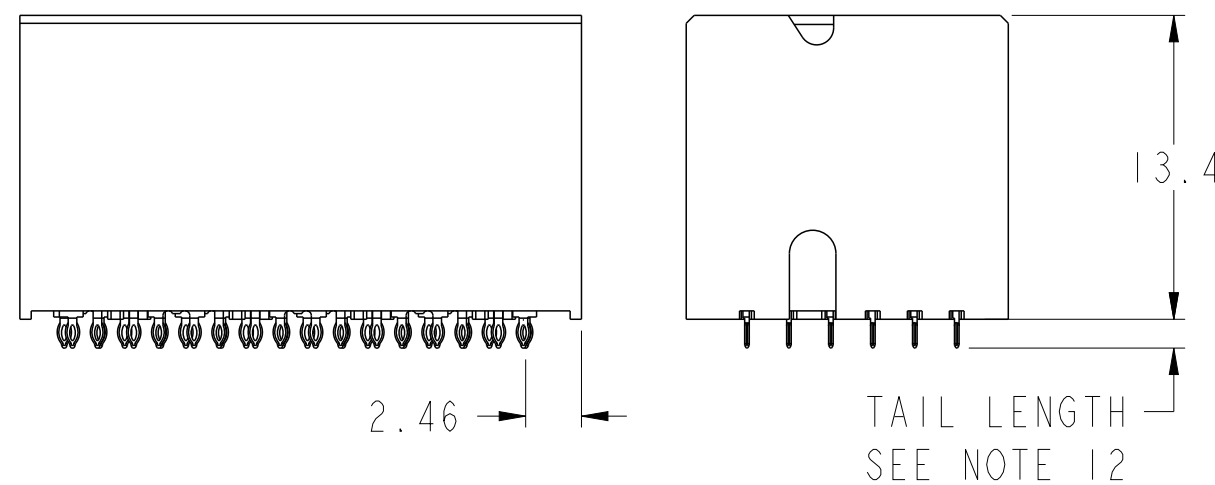
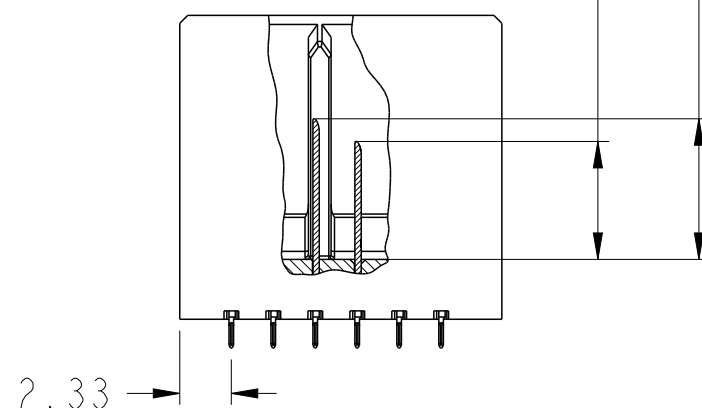
SEE NOTE 8



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



PCB HOLE PATTERN
COMPONENT SIDE
SCALE 6:1

spec ref		SEE NOTES		dr		Jim Swain		2009/03/03		projection		MM		size		A2		scale		4:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Michael Song		2016/06/01						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		-									
surface		linear		Amphenol FCI		title		MODULE ASSEMBLY		dwg no		10091767		rev		G					
		0.X																±0.2			
		0.XX																±0.10			
ASME Y14.5		angular						cat. no.		-		Product - Customer Drw		sheet 7 of 8							
		0°		±°																	

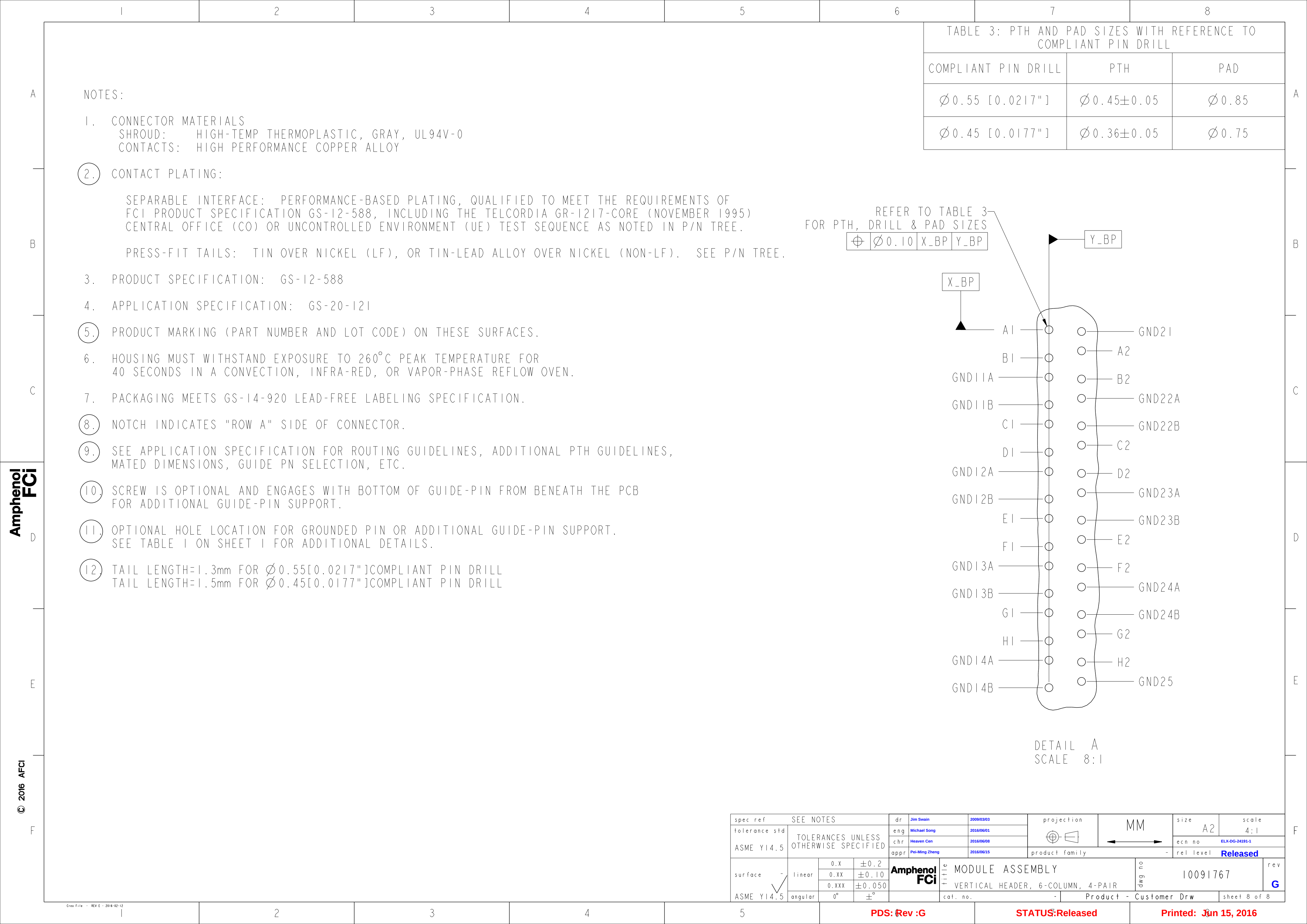
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