

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

TOLERANCES UNLESS OTHERWISE SPECIFIED

ASME Y14.5

surface

linear

0.X

±0.2

0.XX

±0.10

0.XXX

±0.050

ASME Y14.5

angular

0°

±°

dr

Jim Swain

2009/03/03

eng

Michael Song

2016/06/01

chr

Heaven Cen

2016/06/08

appr

Pei-Ming Zheng

2016/06/15

projection

MM

size

A2

scale

4:1

ecn no

ELX-DG-24191-1

rel level

Released

product family

XCede

title

MODULE ASSEMBLY

VERTICAL HEADER, 6-COLUMN, 4-PAIR

cat. no.

SEE P/N TREE

Product - Customer Drw

sheet 1 of 8

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rev

G

1

2

3

4

5

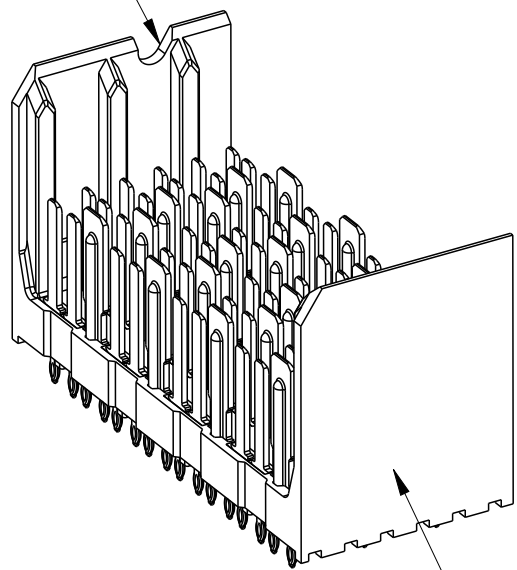
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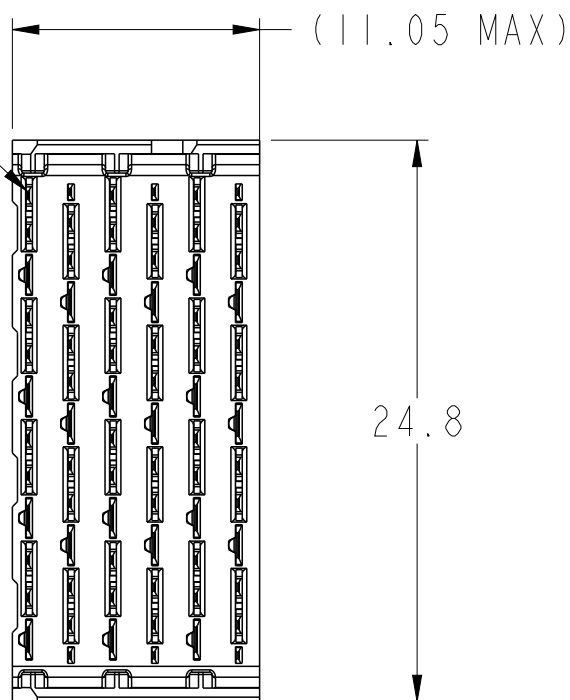
OPEN (2-WALL) MODULE

SEE NOTE 8



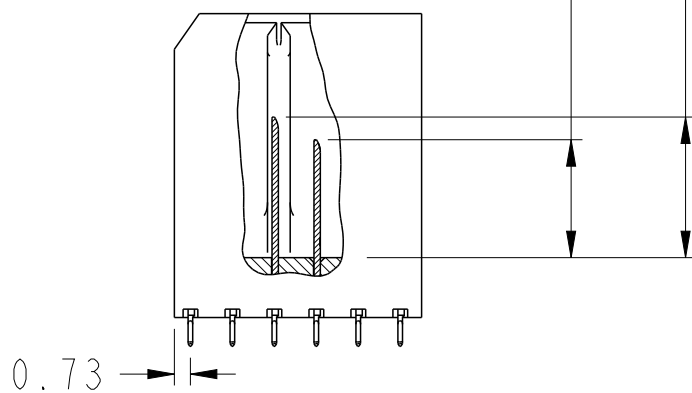
SEE NOTE 5

POSN A1

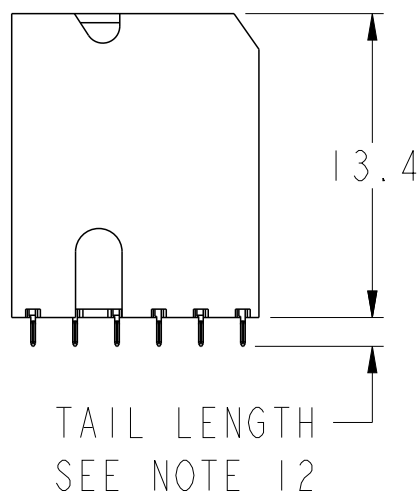
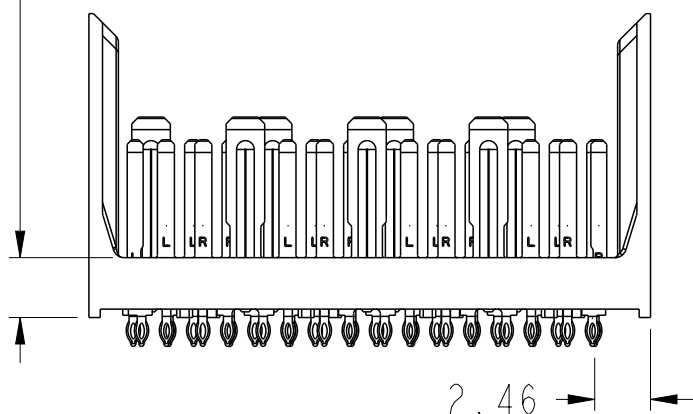


6.2 (4MM WIPE WIDE GROUNDS)
5.2 (3MM WIPE WIDE GROUNDS)

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



X_BP

Y_BP

1.85
TYP

TOP SURFACE OF
DAUGHTERCARD

0.73

2.46

2.54

TO TOP SURFACE
OF DAUGHTERCARD

1.60

2.70

5.36

8.06

10.72

13.42

16.08

18.78

4.26

6.96

9.62

12.32

14.98

17.68

20.34

0.10

1.20

3.90

6.56

9.26

11.92

14.62

17.28

19.98

2.80

5.46

8.16

10.82

13.52

16.18

18.88

24.8

SEE DETAIL A
(SHEET 8)

PCB HOLE PATTERN
COMPONENT SIDE
SCALE 6:1

NOMINAL MODULE OUTLINE

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	chr	Heaven Cen	ecm no	ELX-DG-24191-1	rel level	Released
ASME Y14.5		app	Pei-Ming Zheng	2016/06/15	product family	XCede	rel level	Released	rev	G
surface	linear	0.X	±0.2	0.XX	±0.10	0.XXX	±0.050	angular	0°	±°
ASME Y14.5		title	MODULE ASSEMBLY	VERTICAL HEADER, 6-COLUMN, 4-PAIR	cat. no.	SEE P/N TREE	Product - Customer Drw	sheet 2 of 8		

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STATUS:Released

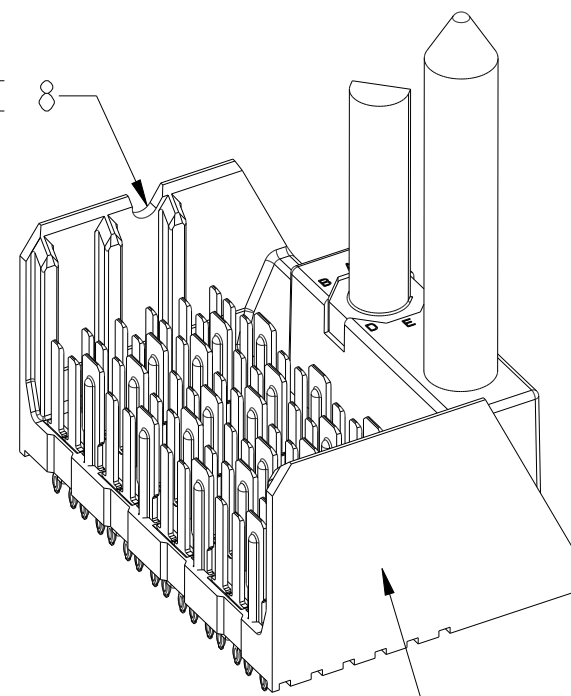
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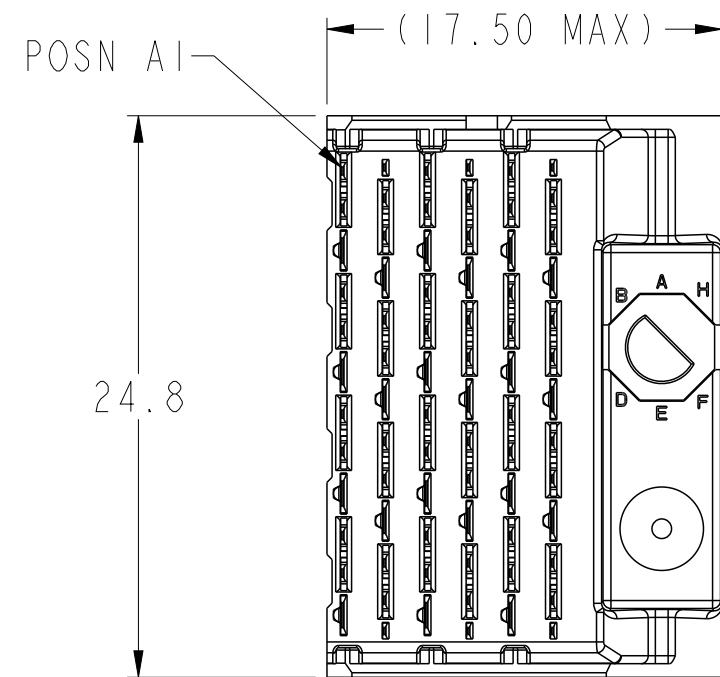
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RIGHT POLARIZING/GUIDE MODULE

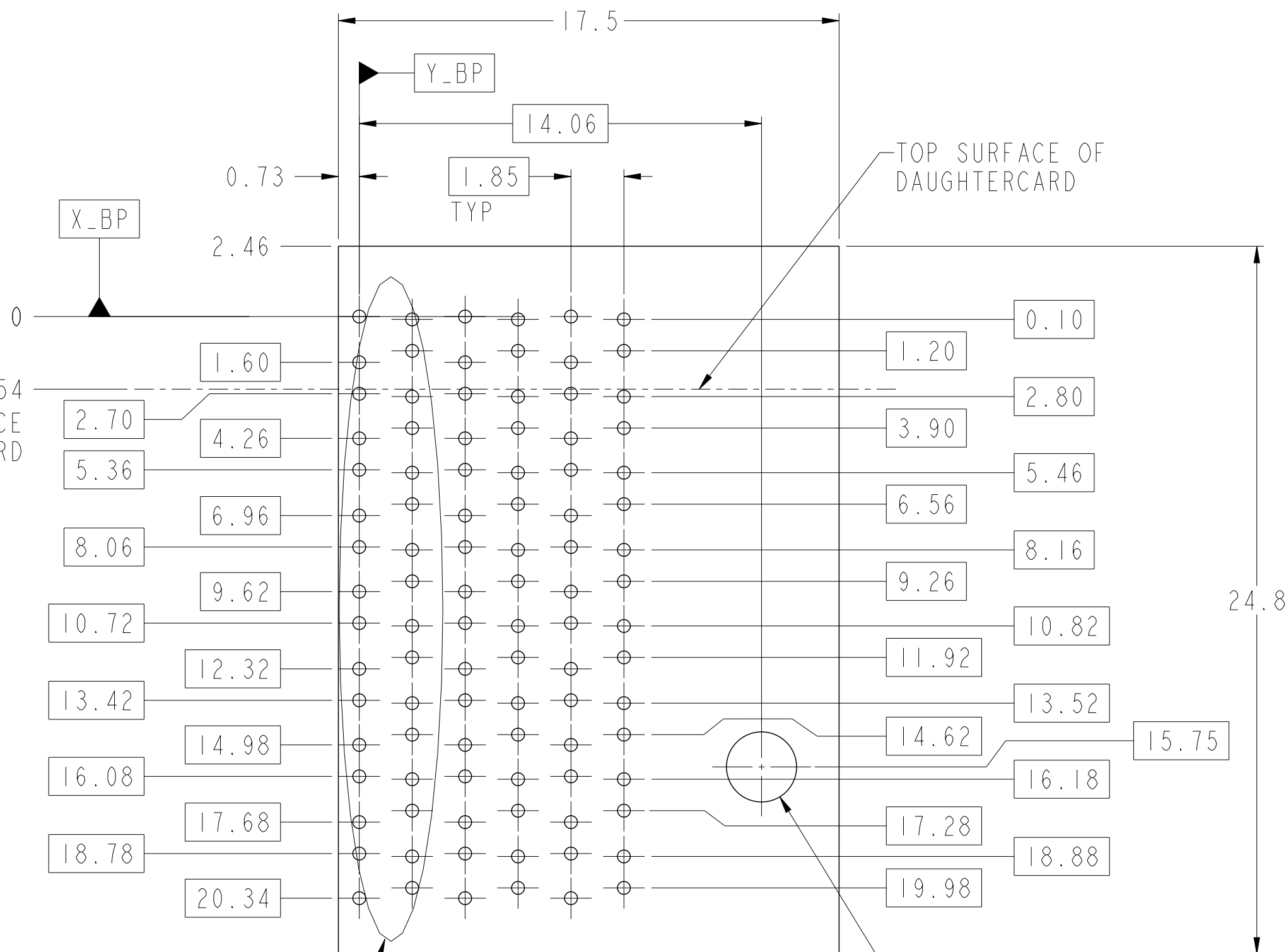
SEE NOTE 8



SEE NOTE 5



TO TOP SURFACE
OF DAUGHTERCARD



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'

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			size	A2	scale	3:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Michael Song	2016/06/01			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		title	MODULE ASSEMBLY			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

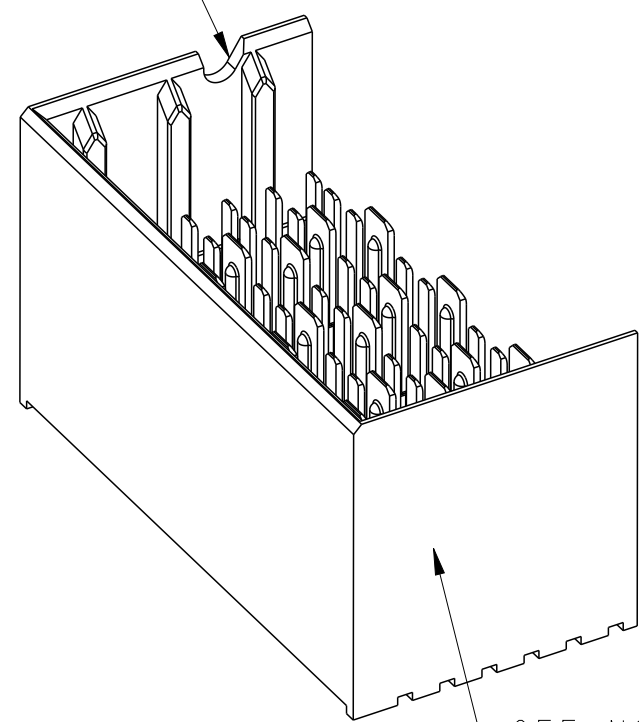
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STATUS:Released

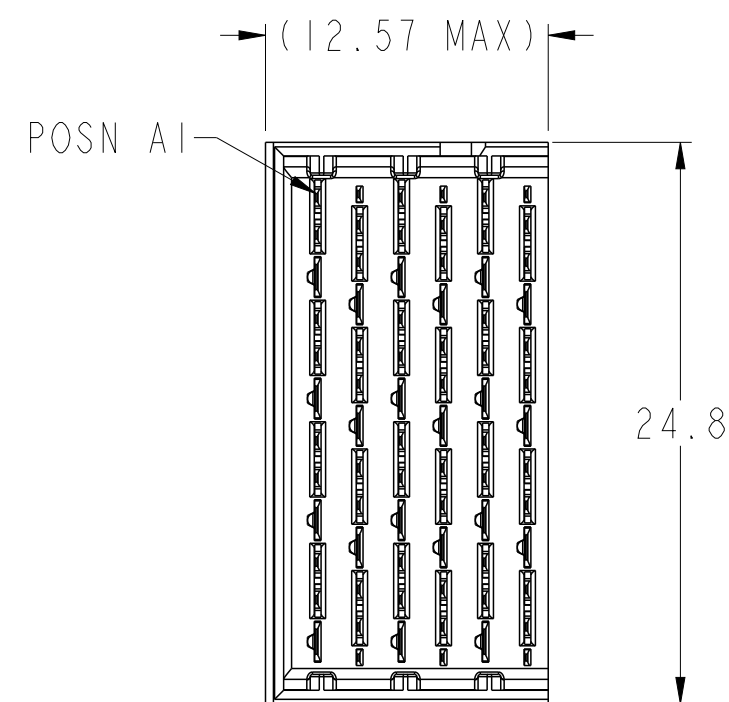
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LEFT WALL MODULE

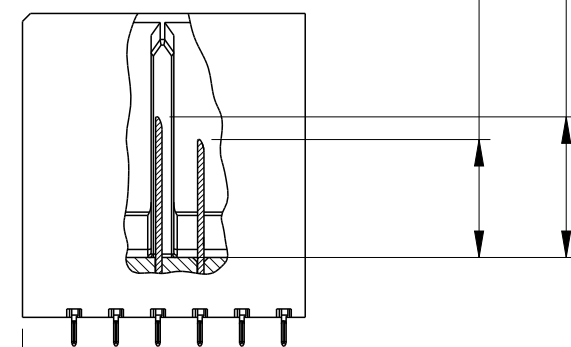
SEE NOTE 8



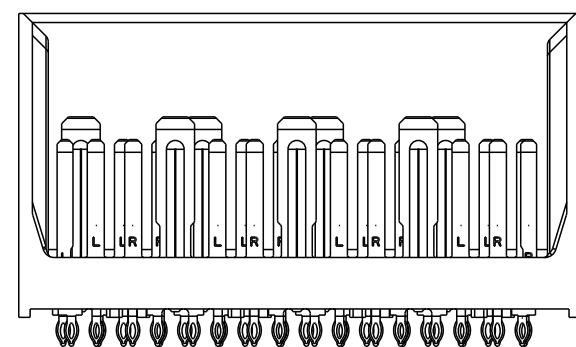
SEE NOTE 5



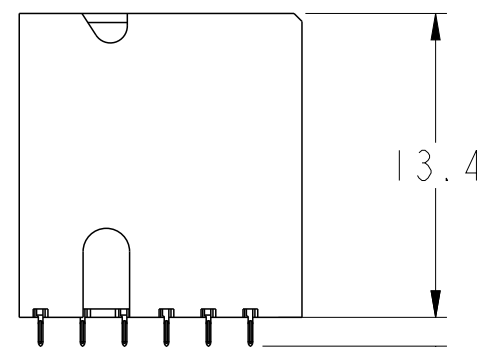
6.2 (4MM WIPE WIDE GROUNDS)
5.2 (3MM WIPE WIDE GROUNDS)
5.2 (3MM SMALL END GROUNDS)
5.2 (3MM WIPE SIGNALS)
4.2 (2MM WIPE SIGNALS)
SEE P/N TREE



2.33

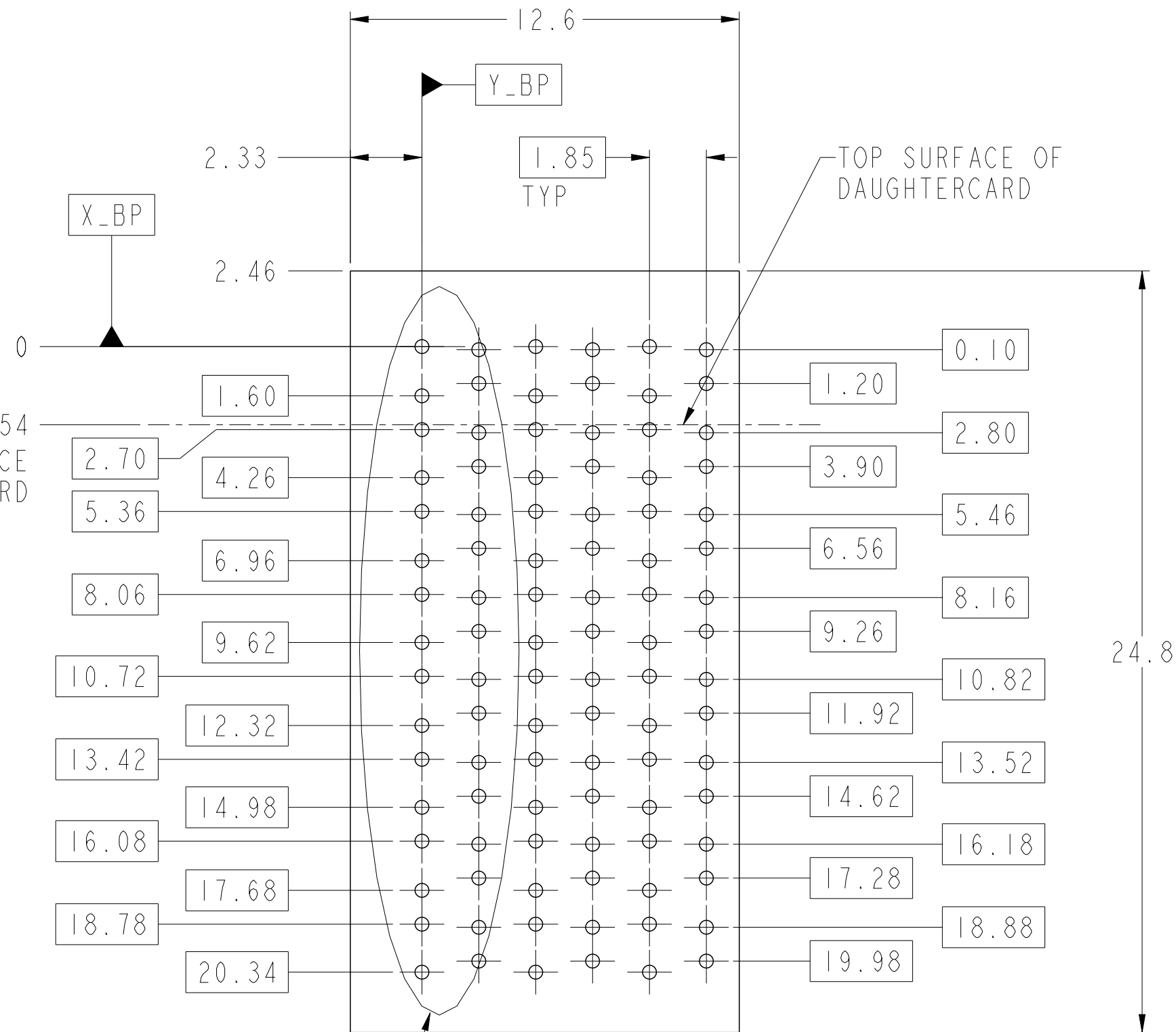


2.46



TAIL LENGTH
SEE NOTE 12

2.54
TO TOP SURFACE
OF DAUGHTERCARD



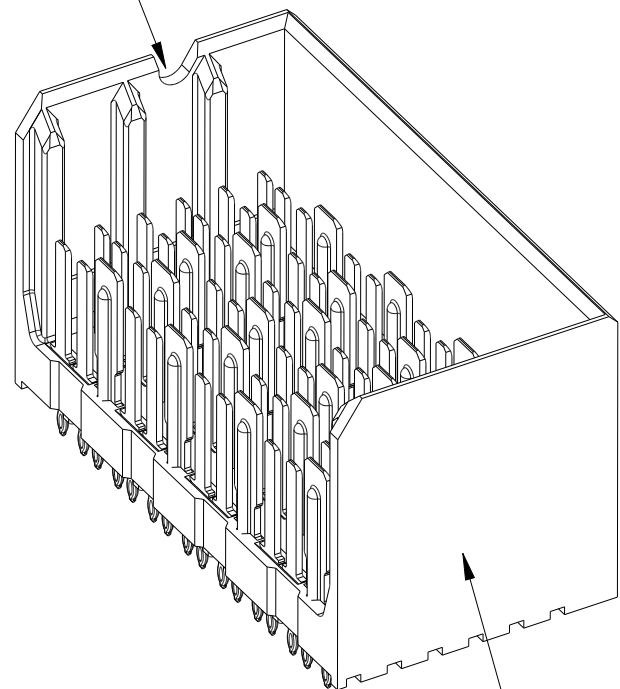
SEE DETAIL A
(SHEET 8)

PCB HOLE PATTERN
COMPONENT SIDE
SCALE 6:1

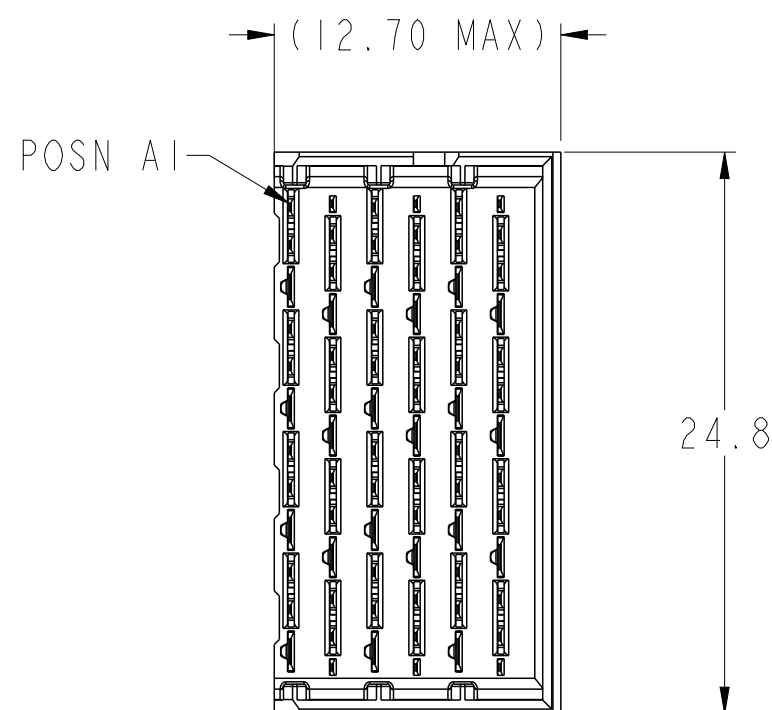
spec ref	SEE NOTES	dr	Jim Swain	2009/03/03	projection	MM	size	A2	scale	3:1
tolerance std	ASME Y14.5	eng	Michael Song	2016/06/01	chr	Heaven Cen	ecn no	ELX-DG-24191-1	rel level	Released
surface	linear	appr	Pei-Ming Zheng	2016/06/15	product family	XCede	cat. no.	SEE P/N TREE	Product - Customer Drw	sheet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

RIGHT WALL MODULE

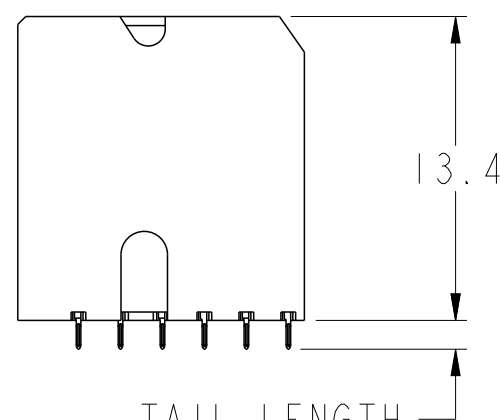
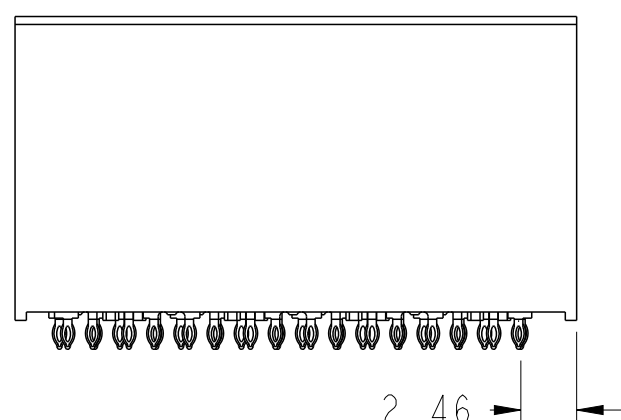
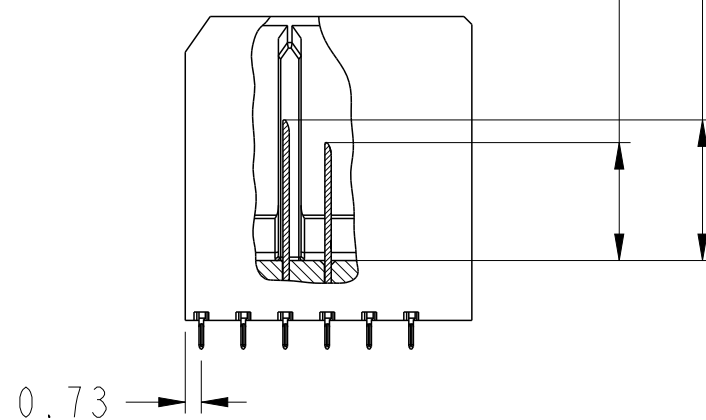
SEE NOTE 8



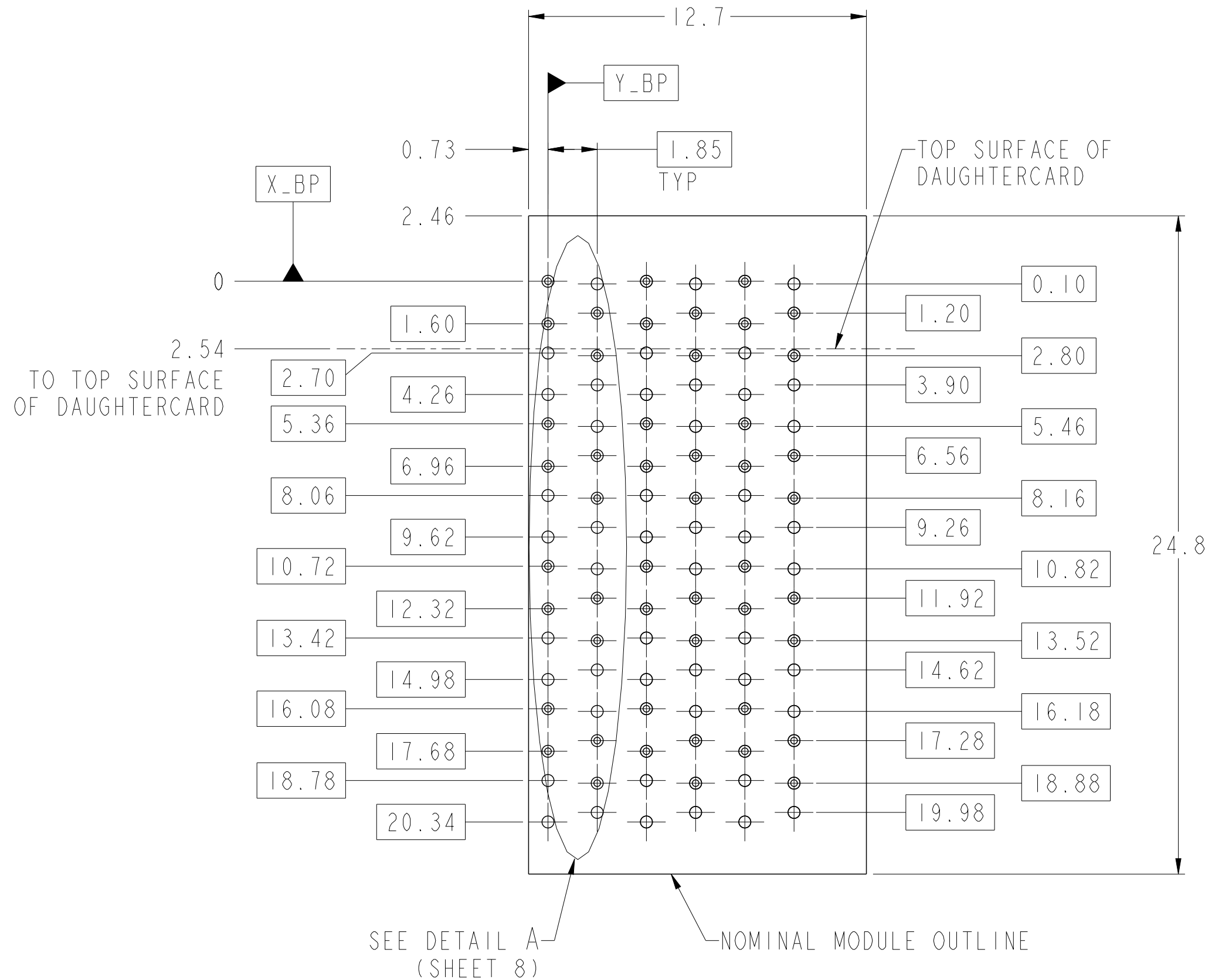
SEE NOTE 5



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



TAIL LENGTH
SEE NOTE 12



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	app	Pei-Ming Zheng	2016/06/15	product family	XCede	cat. no.	SEE P/N TREE	Product - Customer Drw	sheet 6 of 8
surface	angular	0°	±°	±°	title	MODULE ASSEMBLY VERTICAL HEADER, 6-COLUMN, 4-PAIR	dwg no	10091767	rev	G

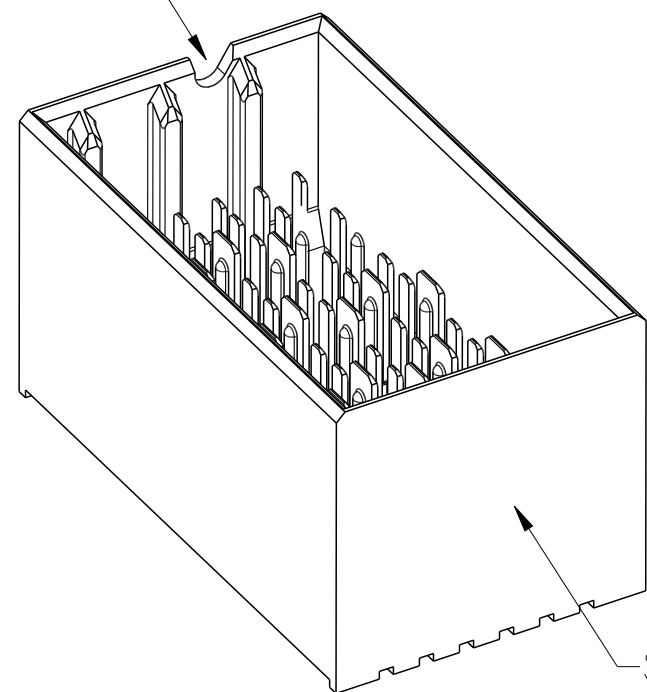
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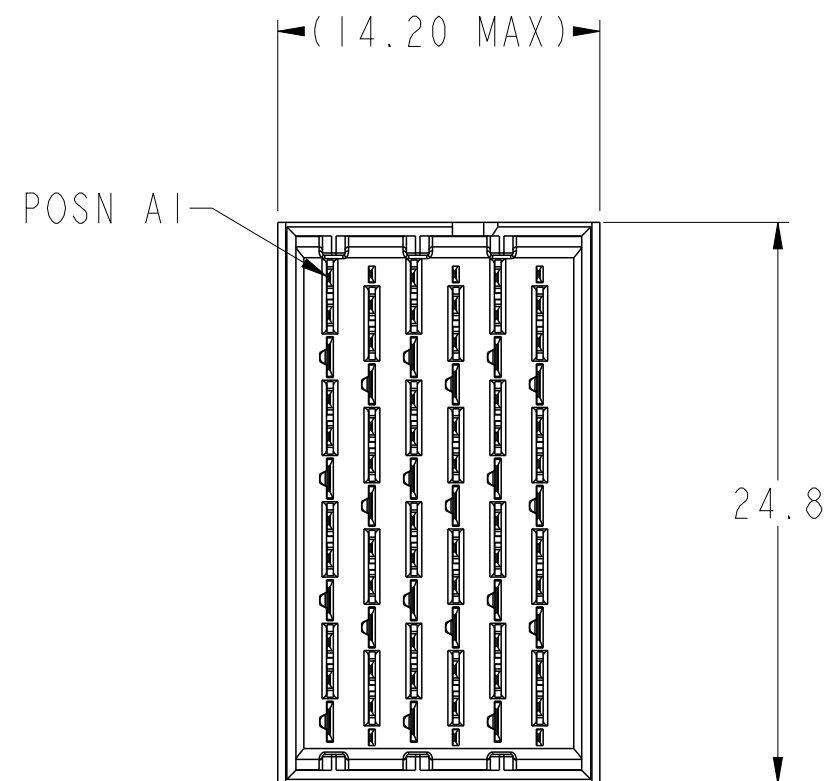
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4-WALL MODULE

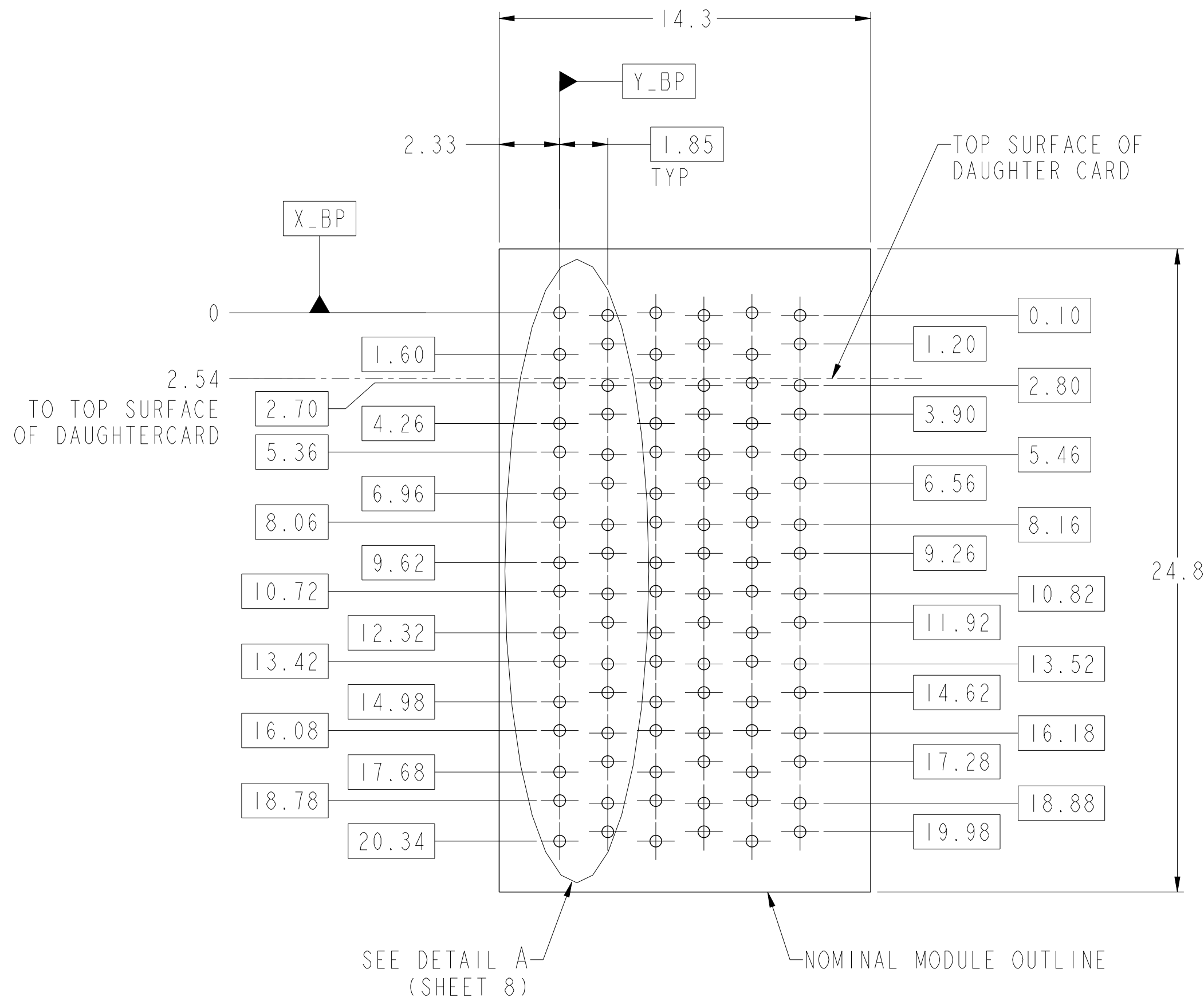
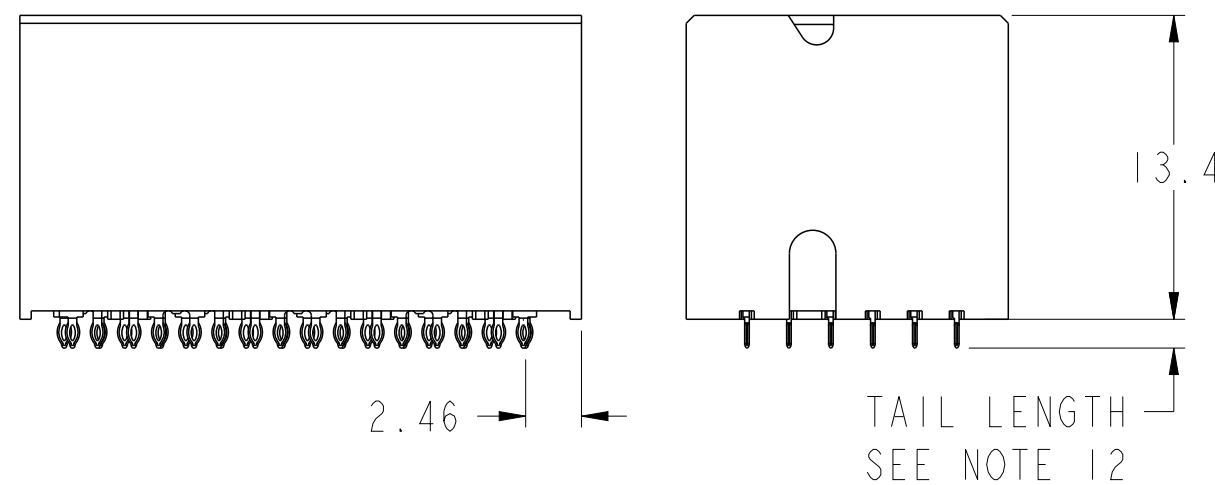
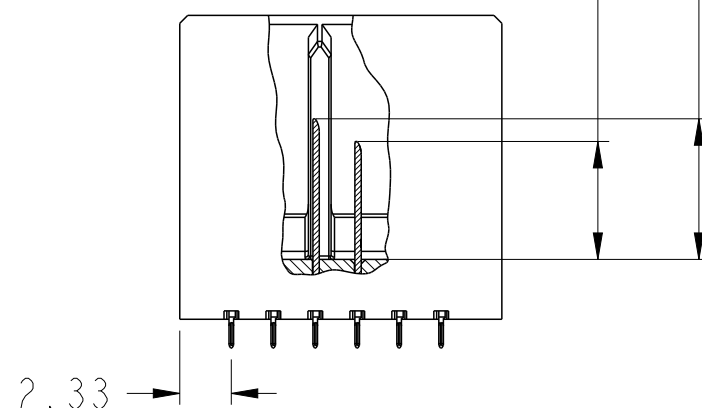
SEE NOTE 8



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	chr	Heaven Cen	ecm 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 7 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	VERTICAL HEADER, 6-COLUMN, 4-PAIR	cat. no.	-	Product - Customer Drw	sheet 7 of 8	rev	G

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STATUS:Released

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