

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

2009/03/02

eng

Sandar Soe

2014/10/02

chr

-

appr

Chen-Hong Tan

2014/12/10

projection

MM

size

A2

scale

4:1

ecn no

ELX-S-18843-1

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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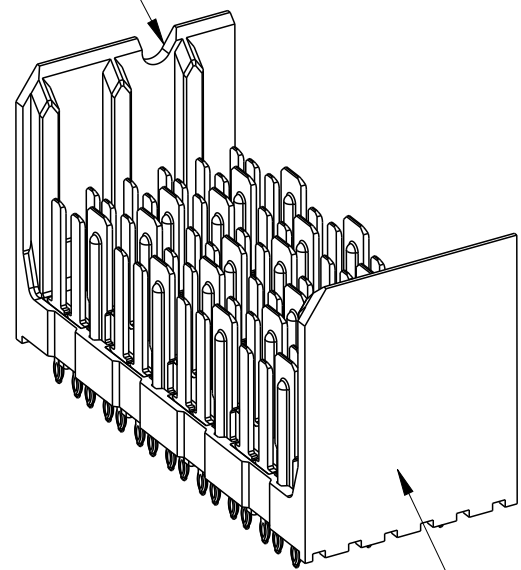
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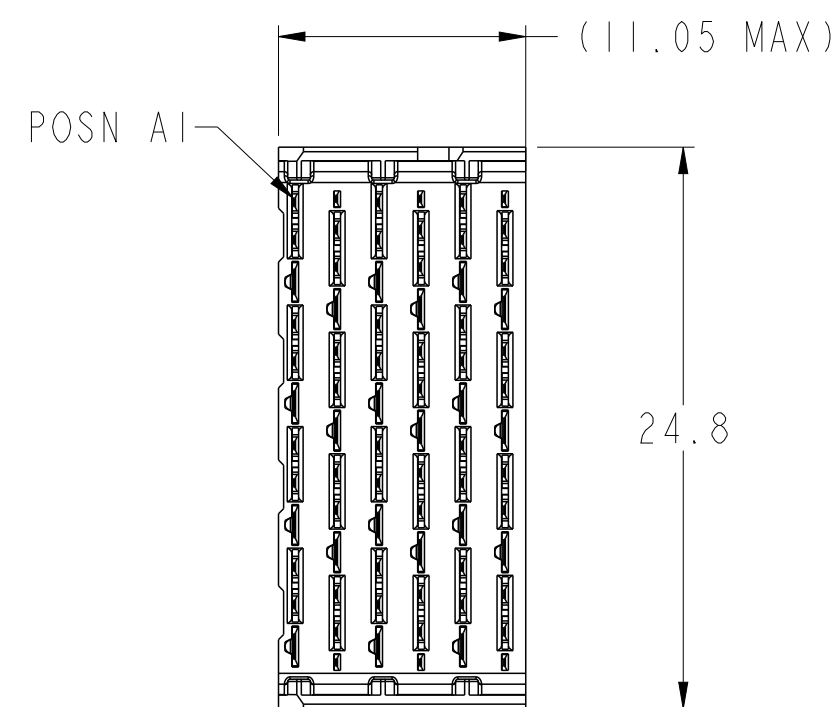
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OPEN (2-WALL) MODULE

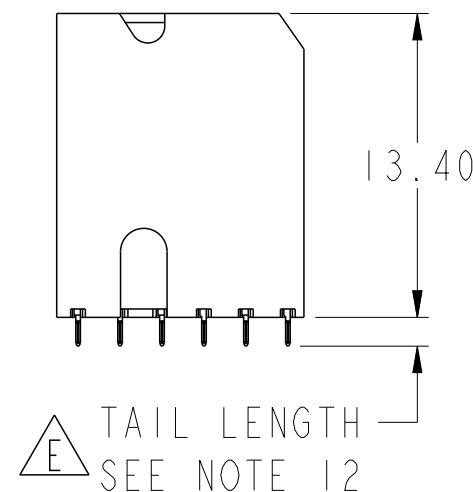
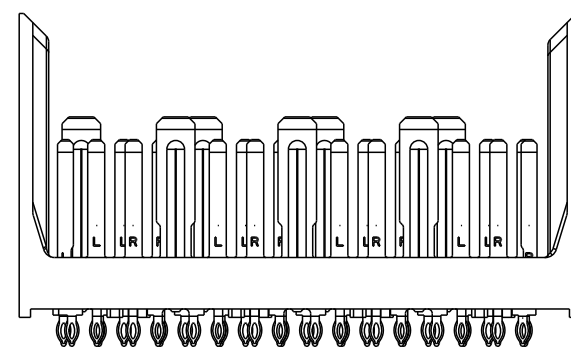
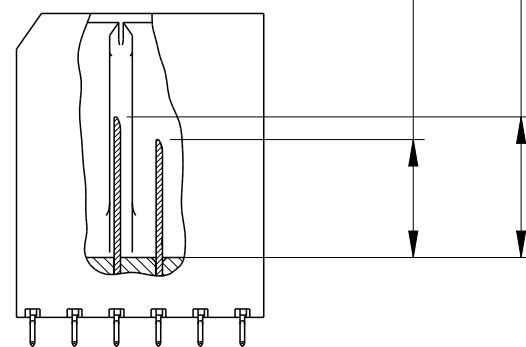
SEE NOTE 8



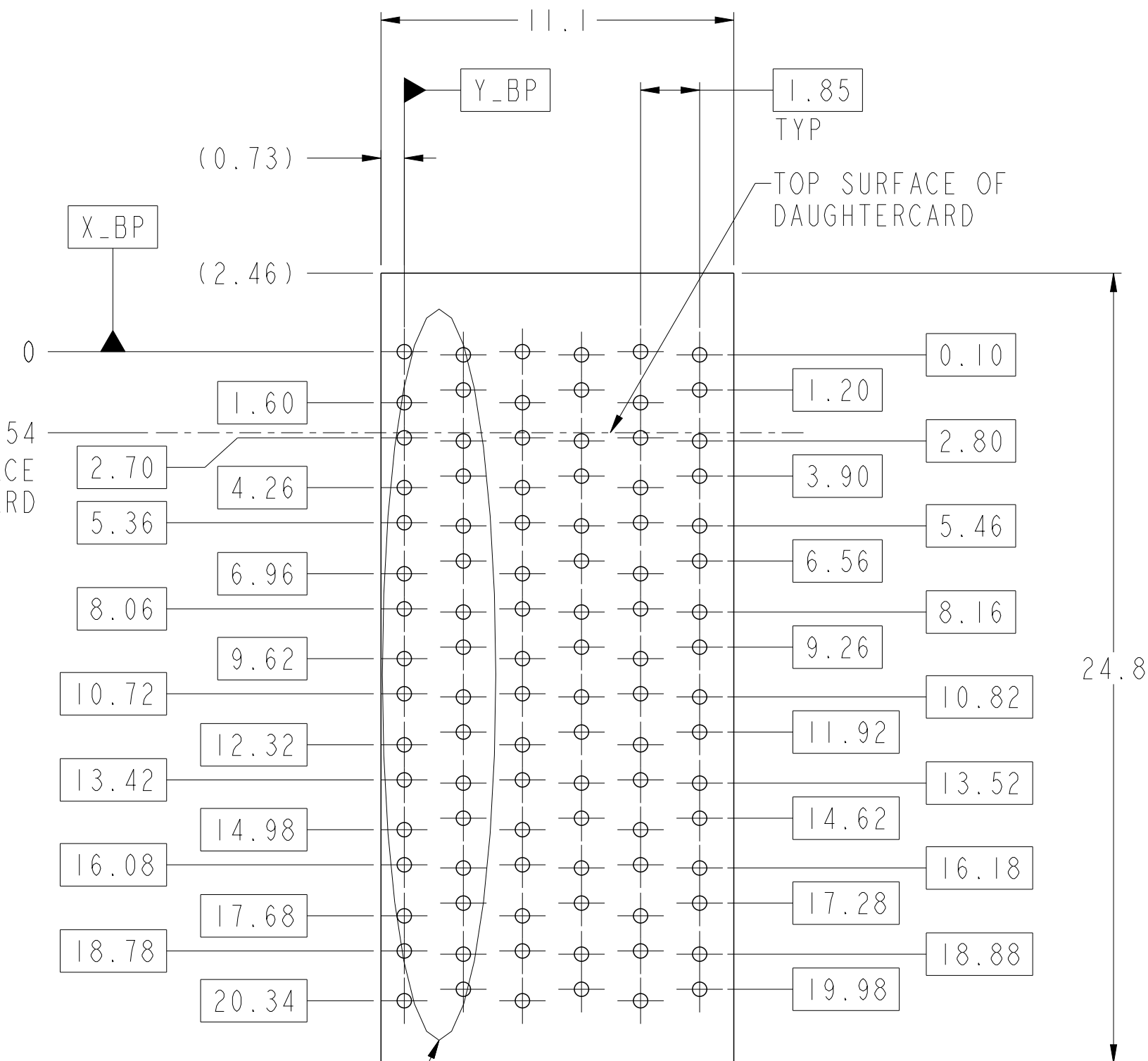
SEE NOTE 5



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



TAIL LENGTH
SEE NOTE 12



SEE DETAIL A
(SHEET 8)

PCB HOLE PATTERN
COMPONENT SIDE
SCALE 6:1

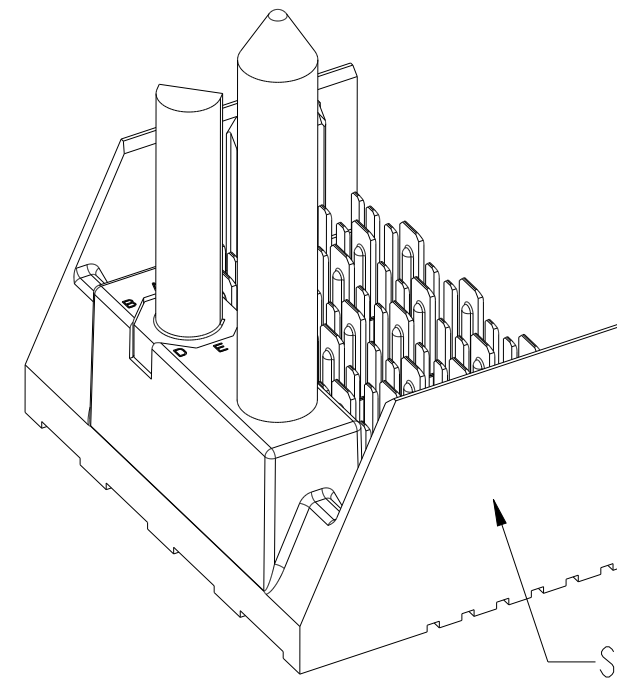
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tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Sandar Soe	2014/10/02			ecn no	ELX-S-18843-1		
ASME Y14.5		chr	-	-			rel level	Released		
		appr	Chen-Hong Tan	2014/12/10	product family	XCede	rel level	Released		
surface	linear	0.X	±0.2				dwg no	10091767		rev
		0.XX	±0.10							E
		0.XXX	±0.050							
ASME Y14.5	angular	0°	±°							

PDS: Rev :E

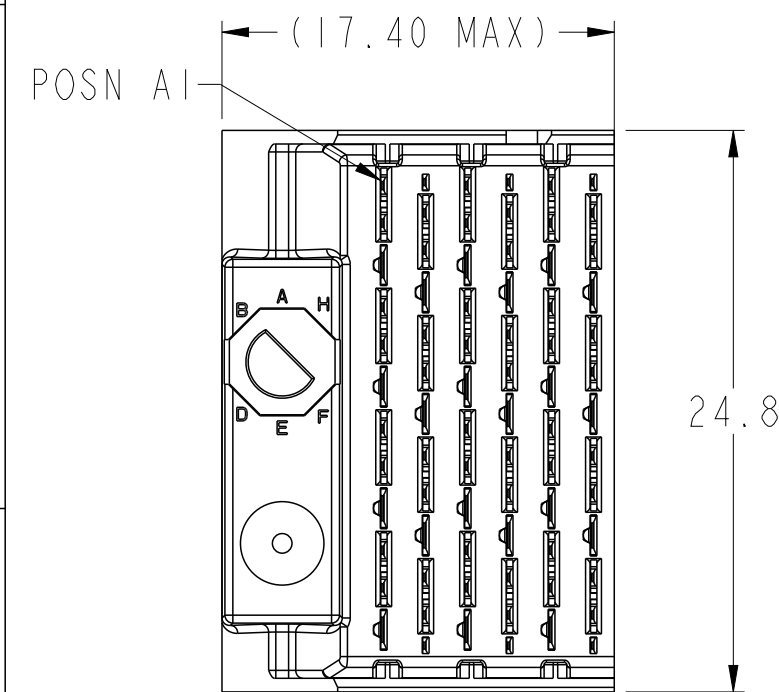
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LEFT POLARIZING/GUIDE MODULE



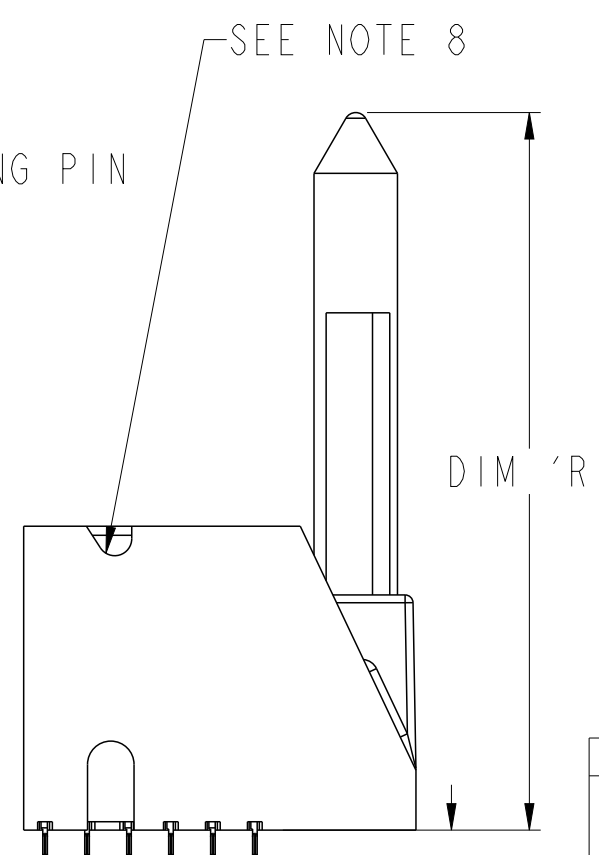
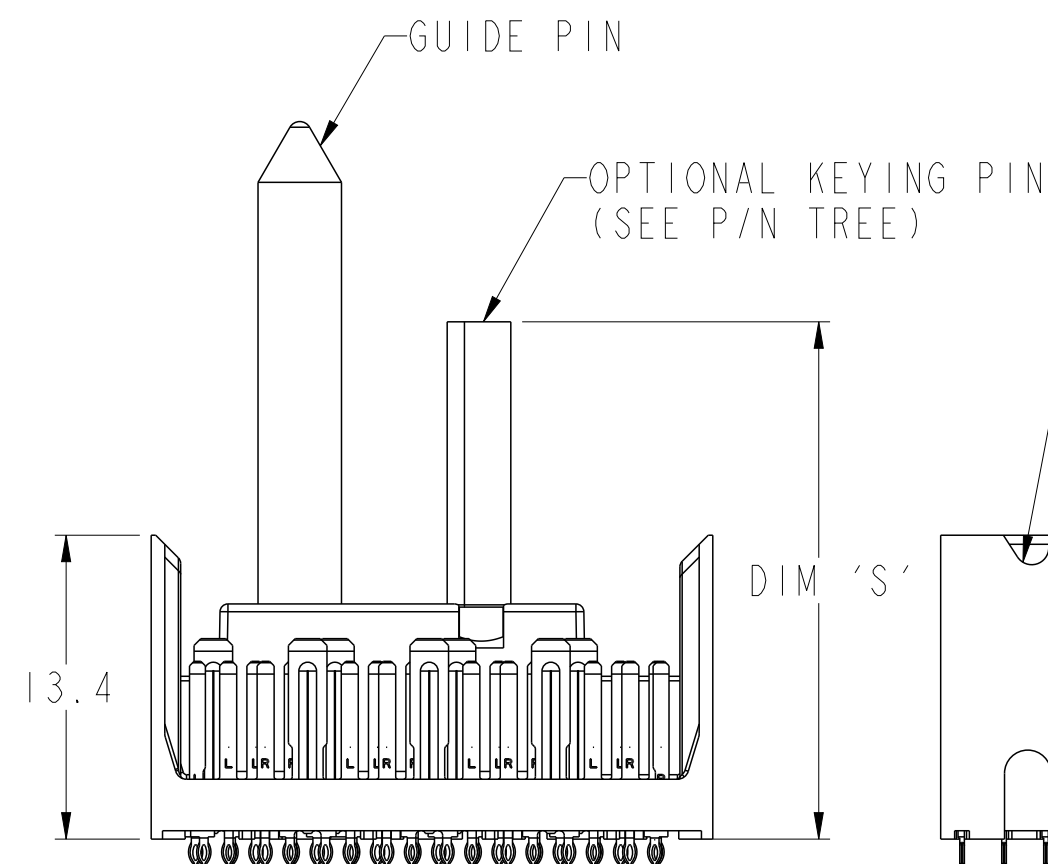
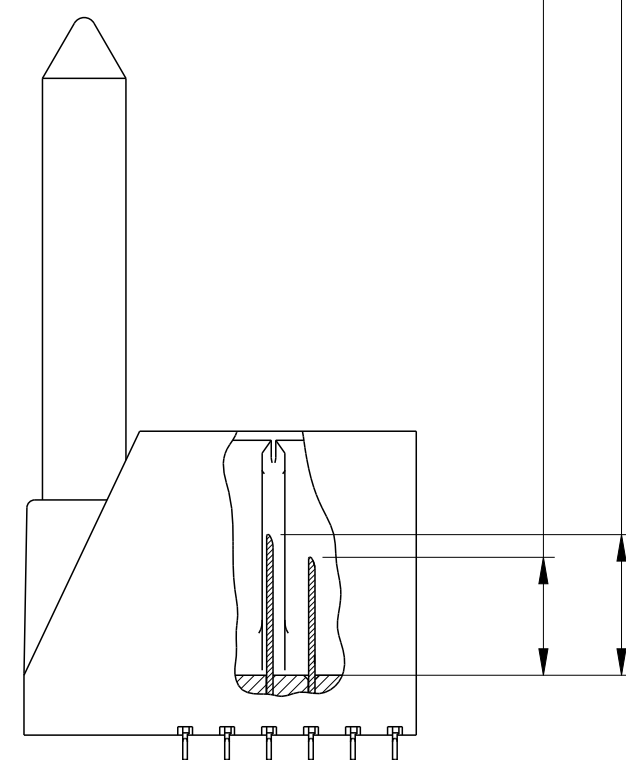
—SEE NOTE 5



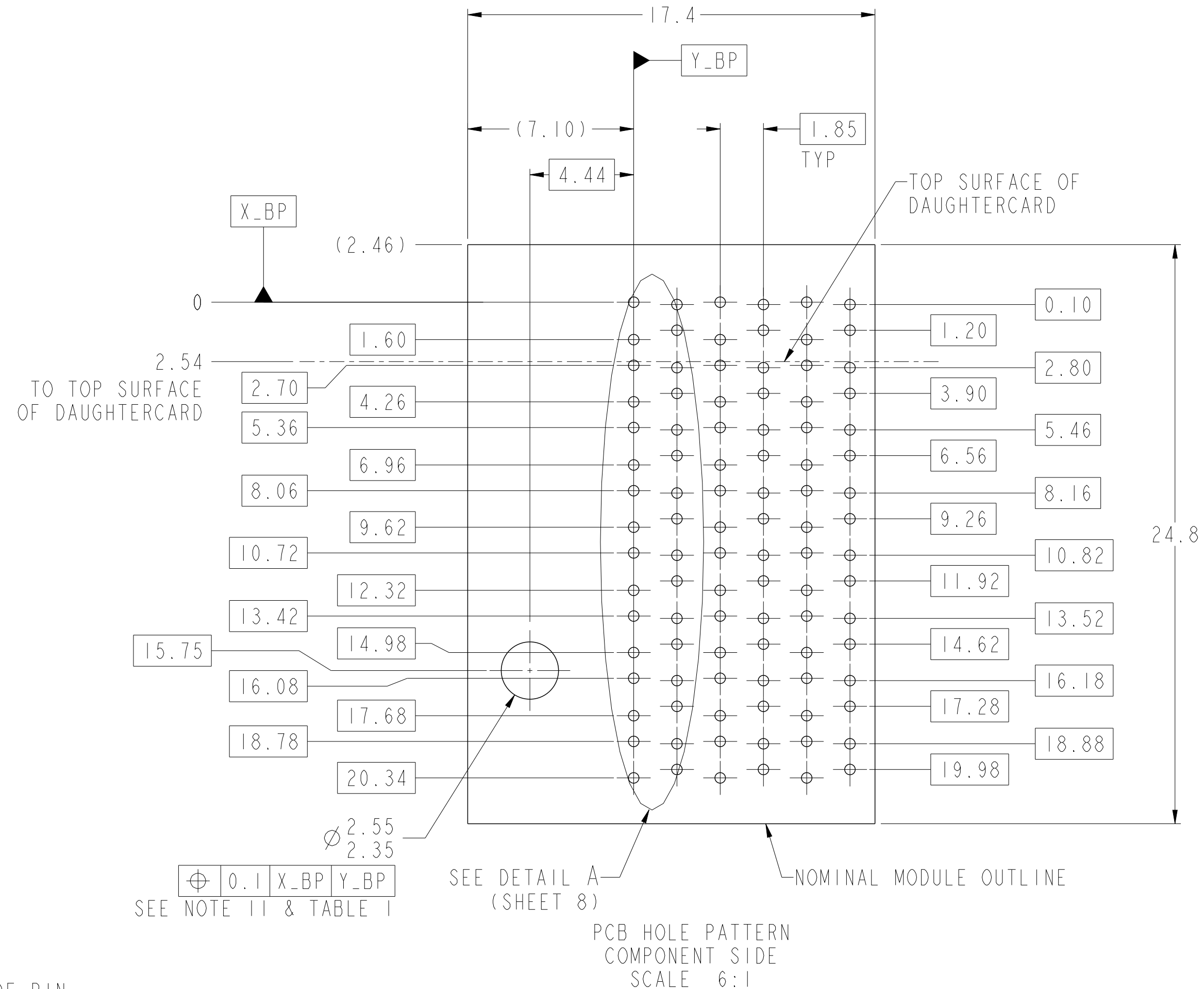
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6.2 (4MM WIPE WIDE GROUNDS)
5.2 (3MM WIPE WIDE GROUNDS)
5.2 (3MM SMALL END GROUNDS)
    5.2 (3MM WIPE SIGNALS)
    4.2 (2MM WIPE SIGNALS)
        SEE P/N TREE

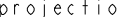
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△ TAIL LENGTH
E SEE NOTE 12

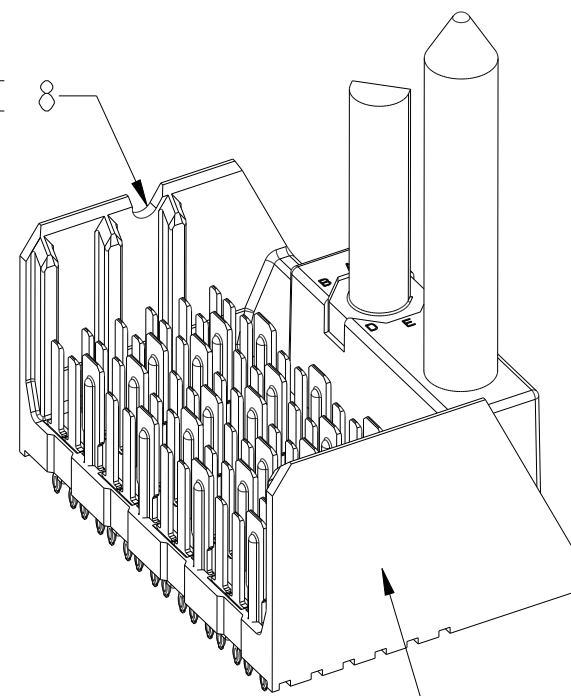


ASSEMBLY BASE CONFIGURATION END DASH NO.	GUIDE PIN	POLARIZING KEY
	DIM 'R'	DIM 'S'
-X0X	31.6mm	22.8mm
-X4X	25.7mm	20.0mm

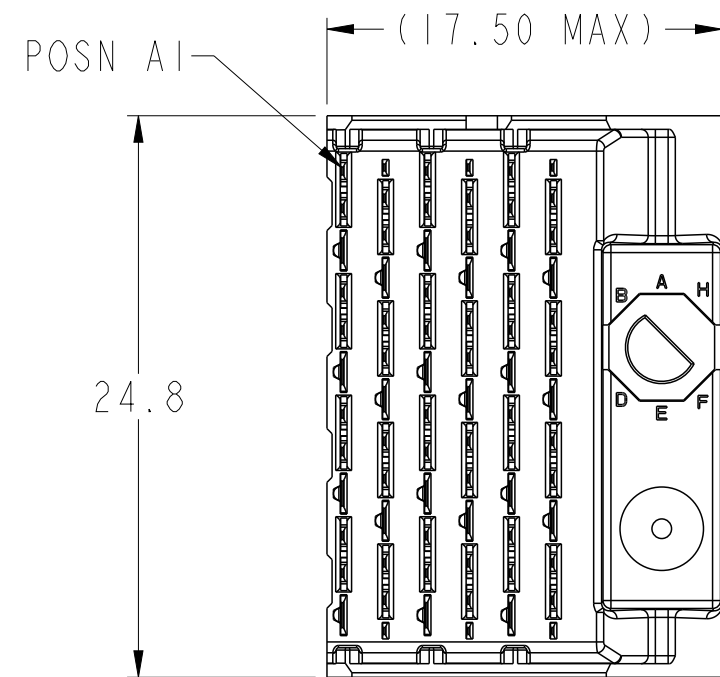
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tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Sander Soe		2014/10/02				MM		A2		4:1					
ASME Y14.5				chr		-		-													
				appr		Chen-Hong Tan		2014/12/10													
										product family		XCede		rel level		Released					
surface				linear		0.X		±0.2				title		MODULE ASSEMBLY		dwg no		10091767		rev	
						0.XX		±0.10													
ASME Y14.5				angular		0.XXX		±0.050													
						±		www.fci.com		cat. no.		SEE P/N TREE		Product - Customer Drw		sheet 3 of 8					

RIGHT POLARIZING/GUIDE MODULE

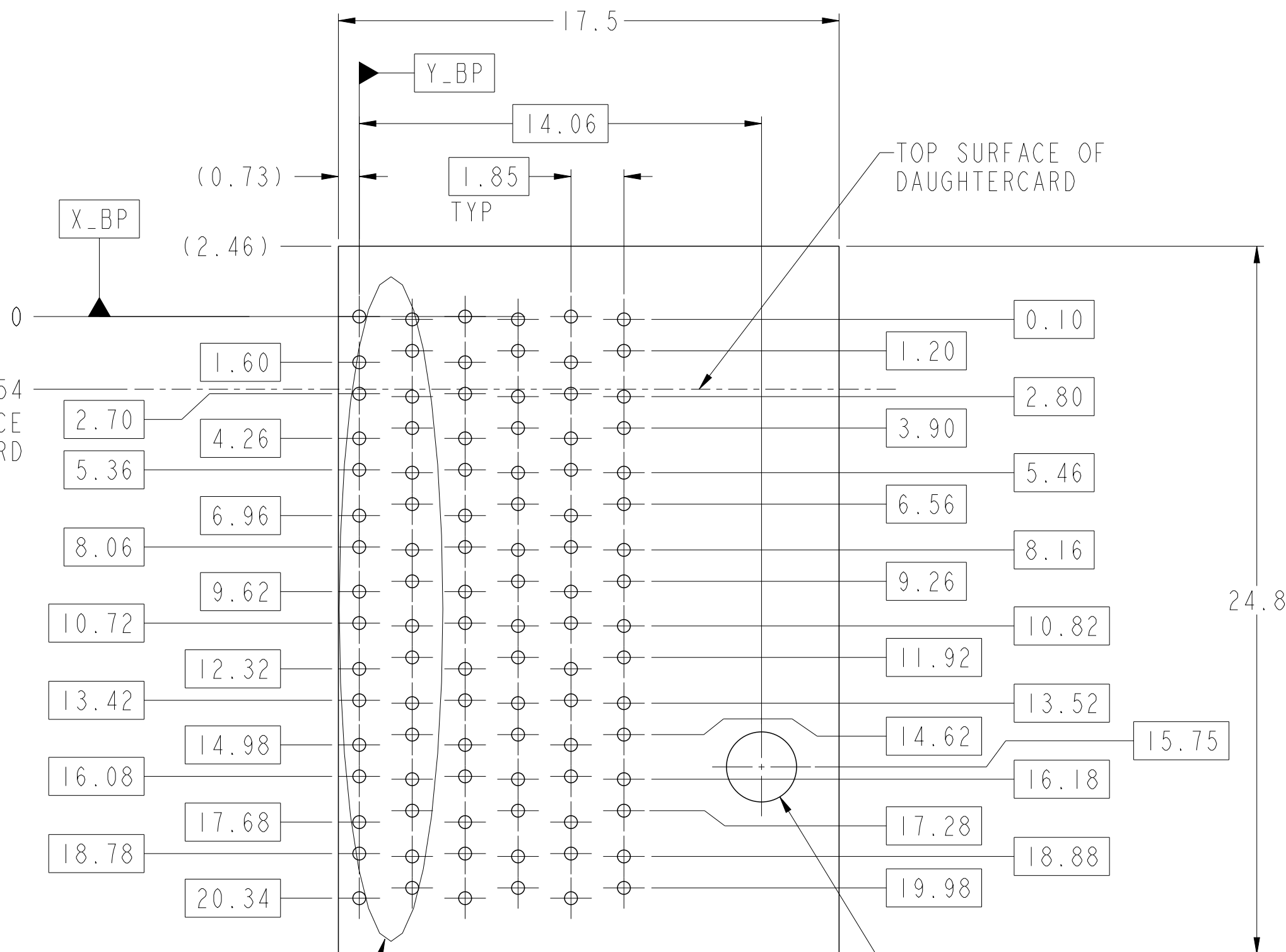
SEE NOTE 8



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

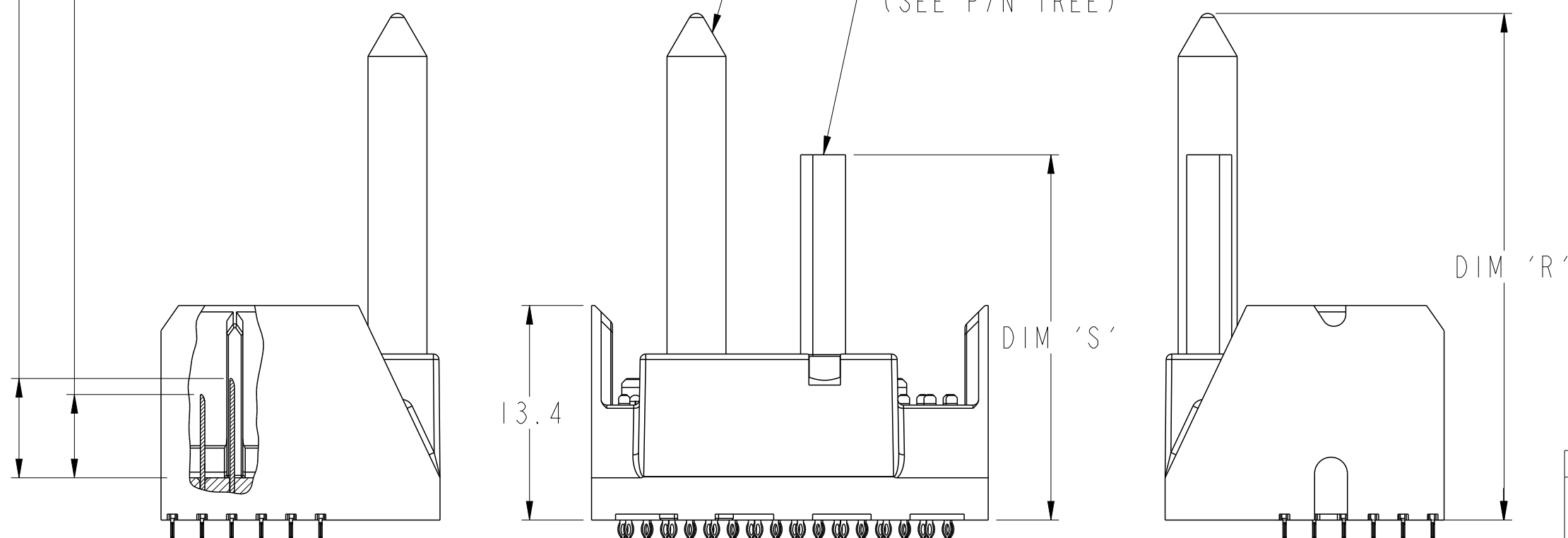
Ø 0.10 X_BP Y_BP
SEE NOTE 11 & TABLE 1

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)



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	2009/03/02	projection	MM	size	A2	scale	4:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Sandar Soe	2014/10/02			ecn no	ELX-S-18843-1		
ASME Y14.5		chr	-	-			rel level	Released		
		appr	Chen-Hong Tan	2014/12/10	product family	XCede	rel level	Released		
surface	linear	0.X	±0.2		FCI		title	MODULE ASSEMBLY	dwg no	10091767
		0.XX	±0.10					VERTICAL HEADER, 6-COLUMN, 4-PAIR		
		0.XXX	±0.050							
ASME Y14.5	angular	0°	±		www.fci.com	cat. no.	SEE P/N TREE	Product - Customer Drw	sheet 4 of 8	

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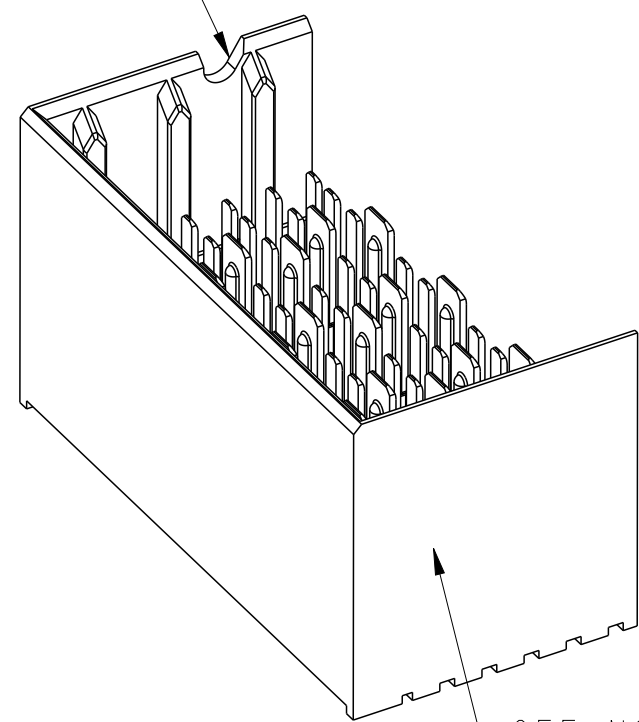
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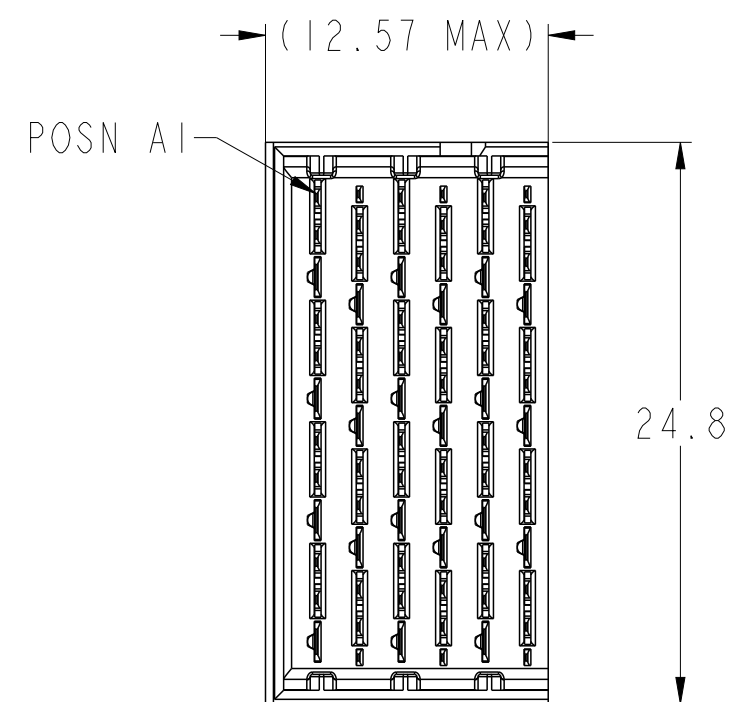
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LEFT WALL MODULE

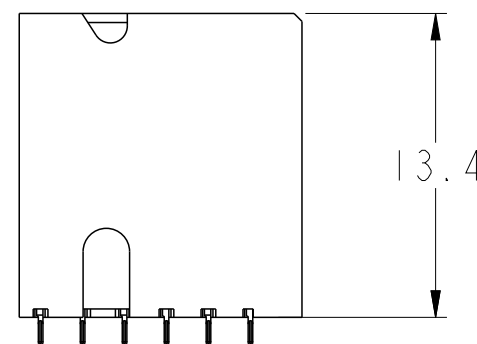
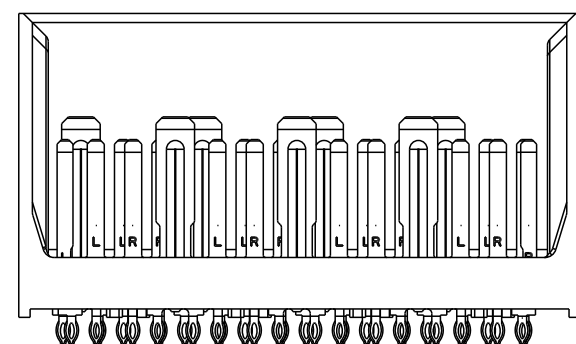
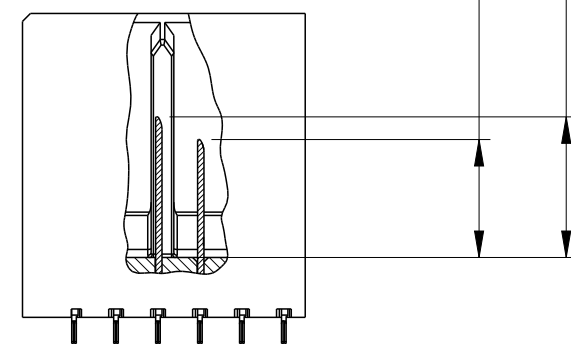
SEE NOTE 8



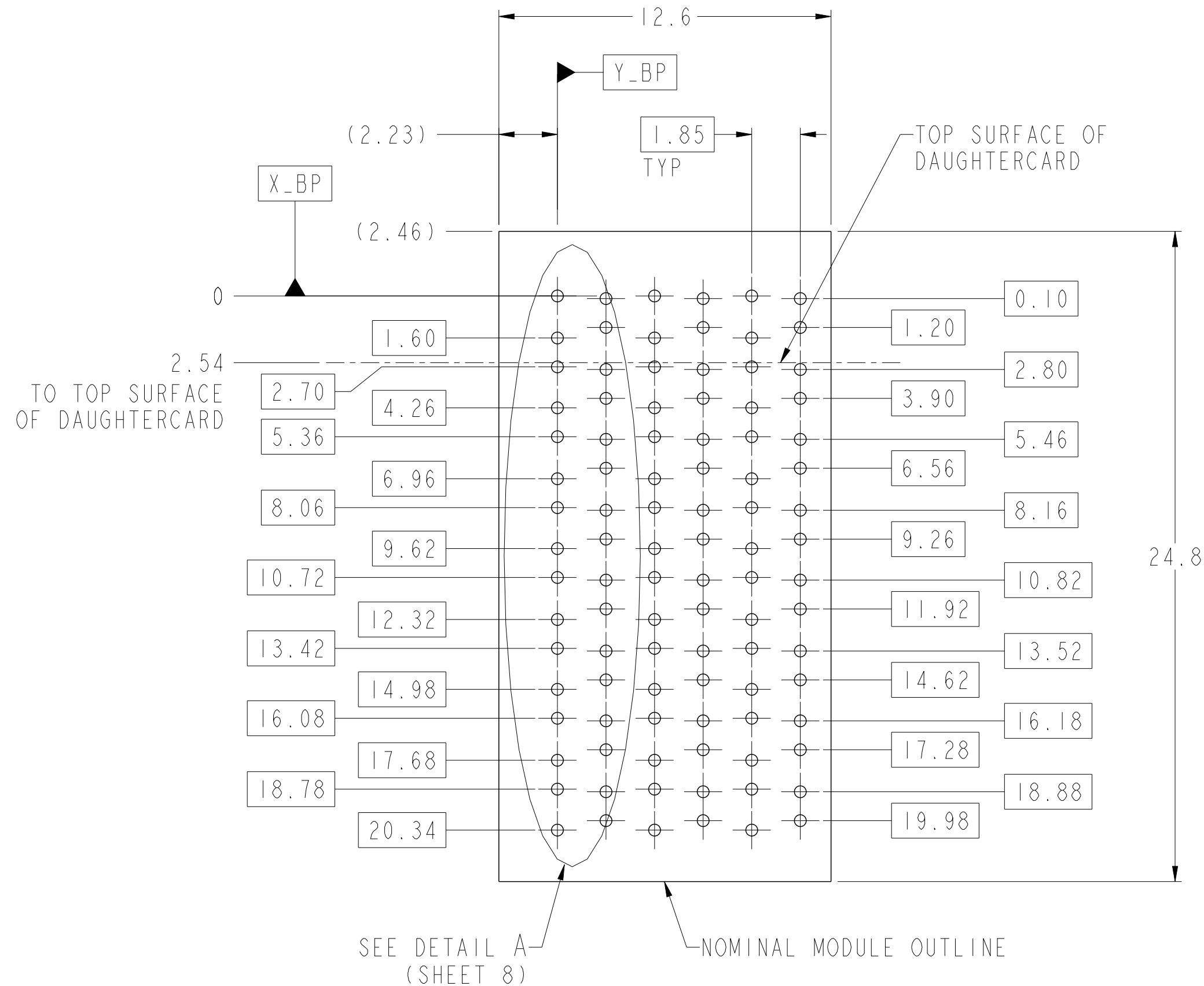
SEE NOTE 5



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



TAIL LENGTH
SEE NOTE 12



spec ref	SEE NOTES	dr	Jim Swain	2009/03/02	projection	MM	size	A2	scale	4:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Sandar Soe	2014/10/02	chr	-	ecn no	ELX-S-18843-1	rel level	Released
ASME Y14.5		appr	Chen-Hong Tan	2014/12/10	product family	XCede	rel level	Released	rev	E
surface	linear	0.X	±0.2	0.XX	±0.10	0.XXX	±0.050	angular	0°	±°
ASME Y14.5		www.fci.com	cat. no.	SEE P/N TREE	Product - Customer Drw	sheet 5 of 8				

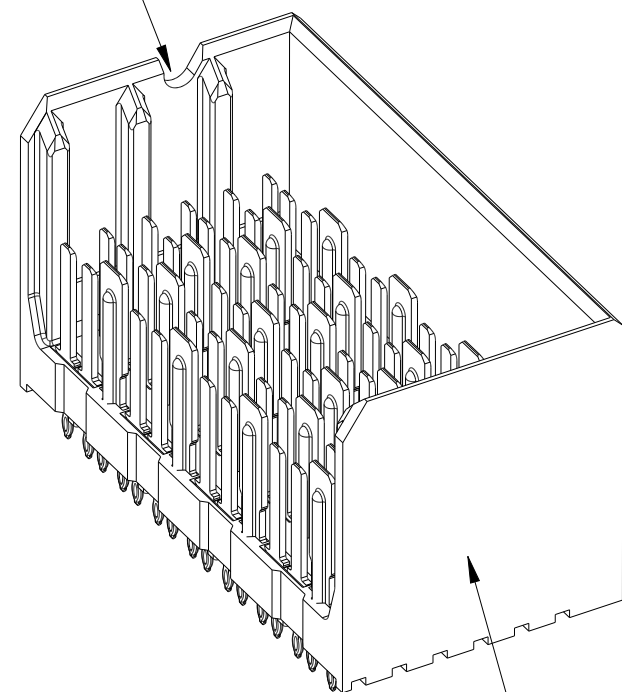
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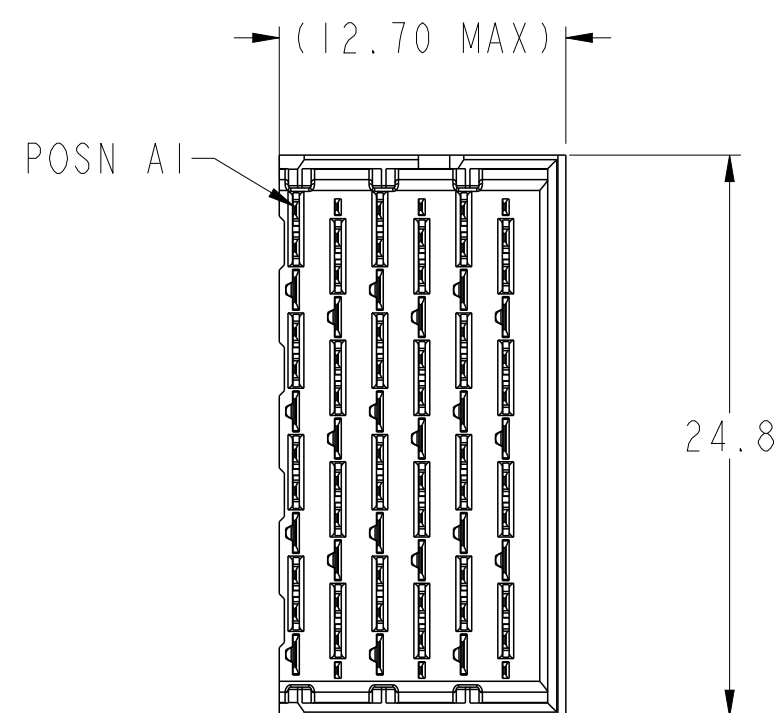
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RIGHT WALL MODULE

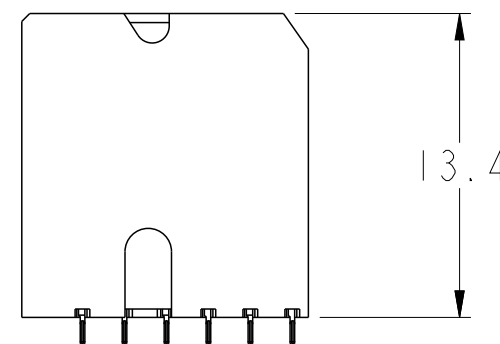
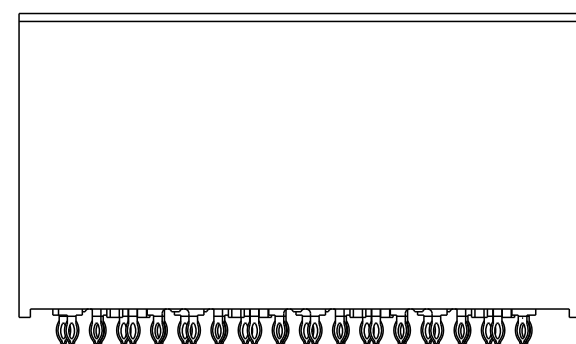
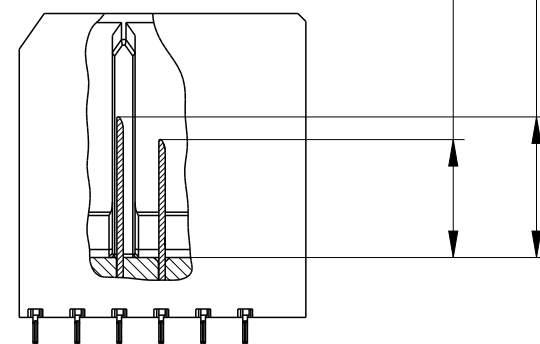
SEE NOTE 8



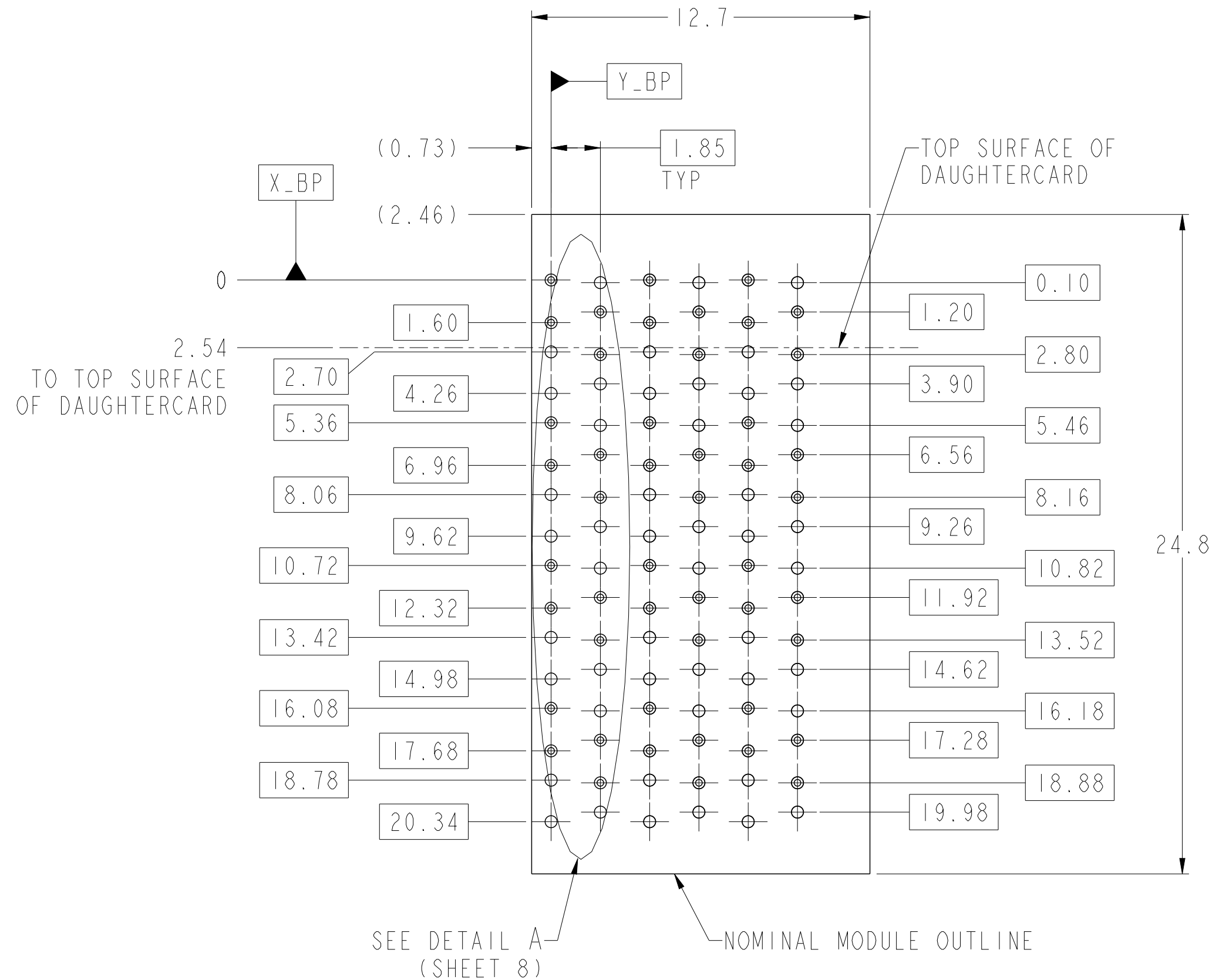
SEE NOTE 5



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



TAIL LENGTH
SEE NOTE 12



PCB HOLE PATTERN
COMPONENT SIDE
SCALE 6:1

spec ref	SEE NOTES	dr	Jim Swain	2009/03/02	projection	MM	size	A2	scale	4:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Sandar Soe	2014/10/02	chr	-	ecn no	ELX-S-18843-1	rel level	Released
ASME Y14.5		appr	Chen-Hong Tan	2014/12/10	product family	XCede	rel level	Released	rev	E
surface	linear	0.X	±0.2	0.XX	±0.10	0.XXX	±0.050	angular	0°	±°
ASME Y14.5		www.fci.com	cat. no.	SEE P/N TREE	Product - Customer Drw	sheet 6 of 8	rev	E		

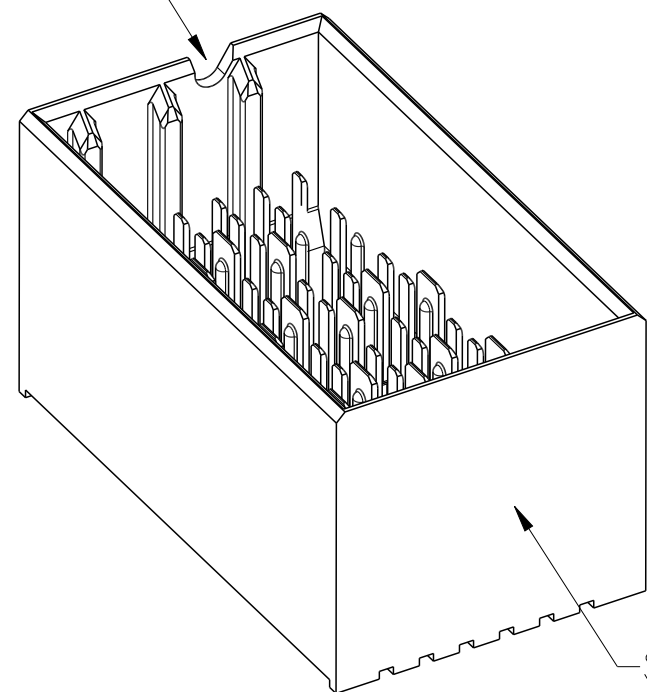
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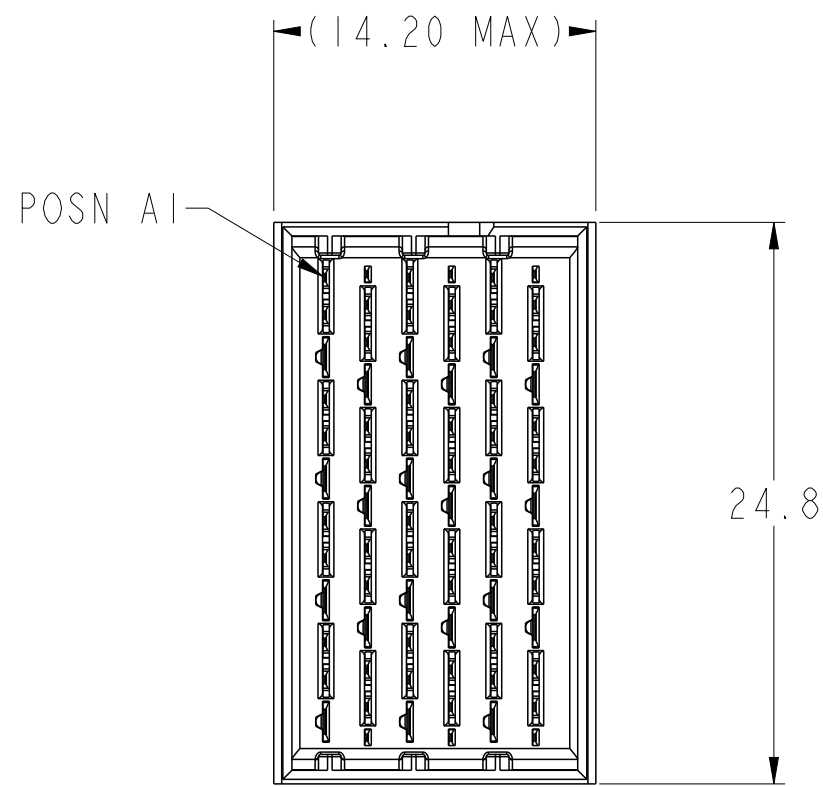
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4-WALL MODULE

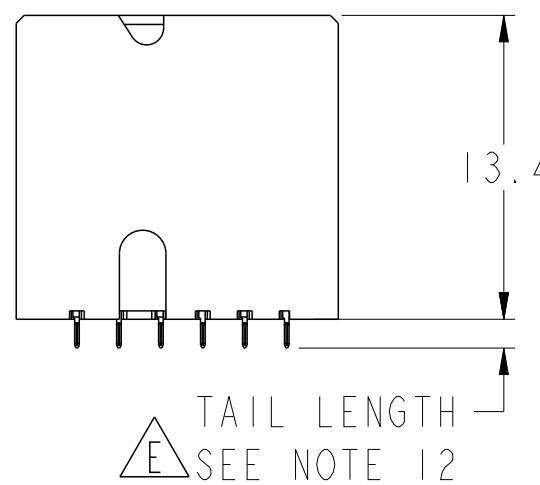
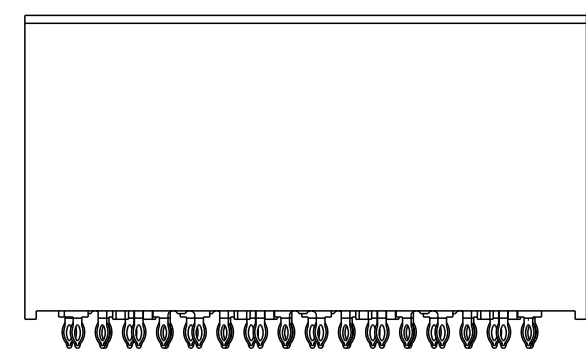
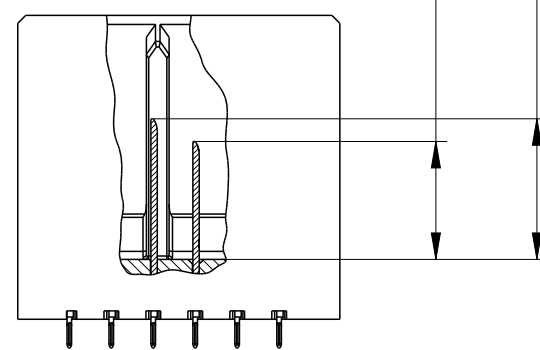
SEE NOTE 8



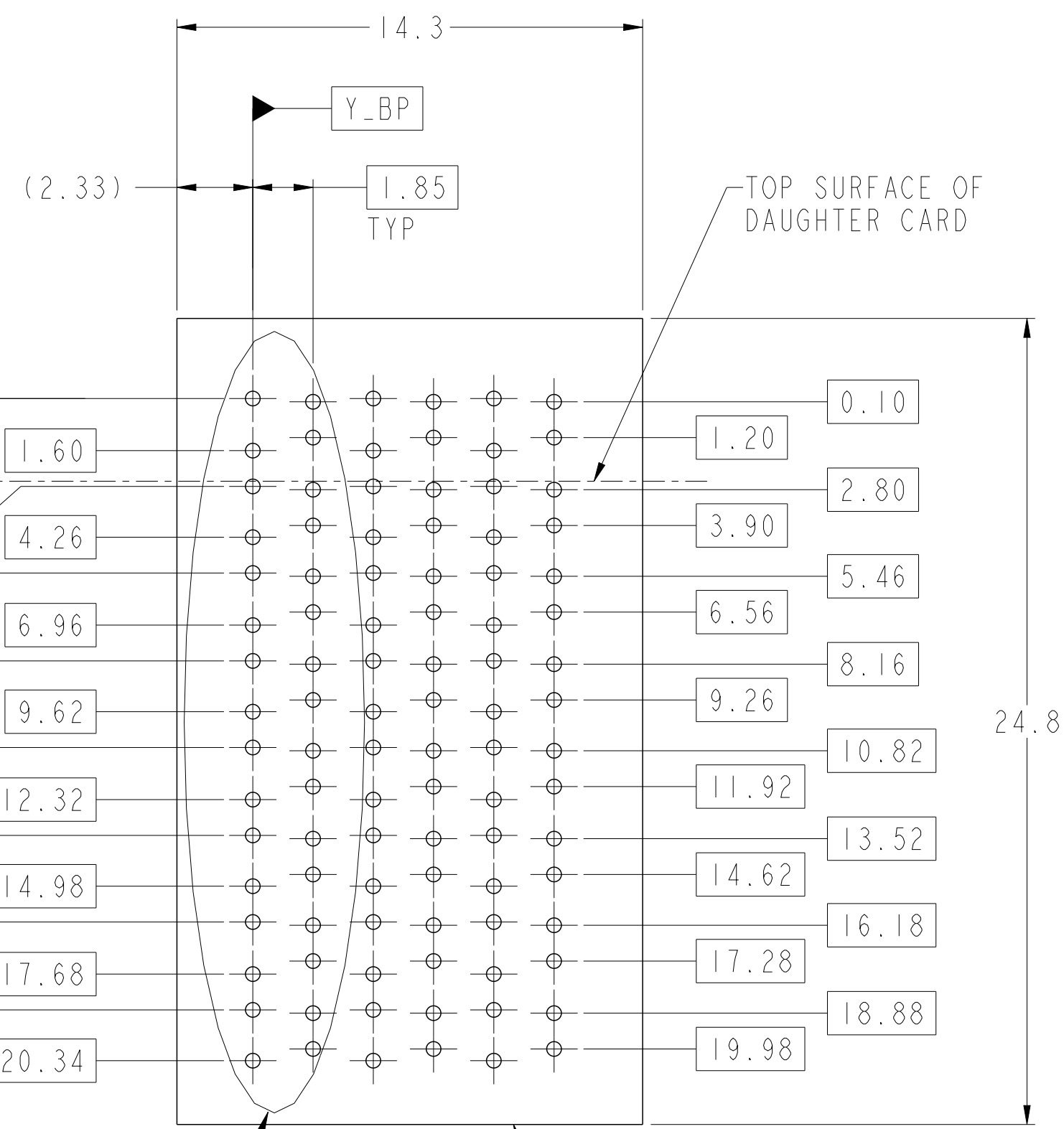
SEE NOTE 5



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



TAIL LENGTH
SEE NOTE 12



SEE DETAIL A
(SHEET 8)

PCB HOLE PATTERN
COMPONENT SIDE
SCALE 6:1

NOMINAL MODULE OUTLINE

spec ref	SEE NOTES	dr	Jim Swain	2009/03/02	projection	MM	size	A2	scale	3:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Sandar Soe	2014/10/02	chr	-	ecn no	ELX-S-18843-1	rel level	Released
ASME Y14.5		appr	Chen-Hong Tan	2014/12/10	product family	XCede	rel level	Released	rev	E
surface	linear	0.X	±0.2	0.XX	±0.10	0.XXX	±0.050	angular	0°	±°
ASME Y14.5		www.fci.com	cat. no.	SEE P/N TREE	Product - Customer Drw	sheet 7 of 8				

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STATUS:Released

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