

1 0 0 9 | 7 6 7 - X 0 C - X X X L F

6-COLUMN  
DIFFERENTIAL  
SIGNAL

LEAD-FREE DESIGNATION  
ONLY WITH APPLICABLE  
PLATING CODES

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, 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

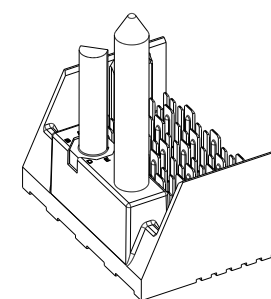
D

E

F

G

H



RIGHT  
POLARIZING  
GUIDANCE  
MODULE  
(SEE SHEET 4)

Y

P

Q

R

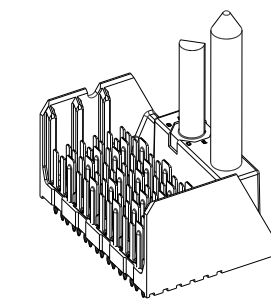
S

T

U

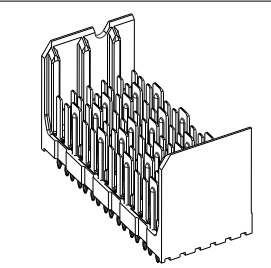
V

W



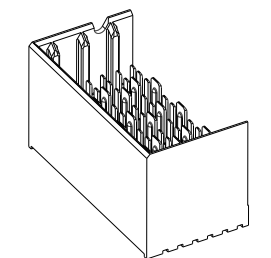
OPEN MODULE  
(TWO WALL)  
(SEE SHEET 2)

0 (ZERO)



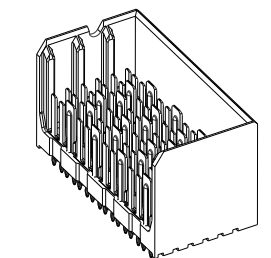
LEFT WALL  
MODULE  
(SEE SHEET 5)

L



RIGHT WALL  
MODULE  
(SEE SHEET 6)

M



FOUR WALL  
MODULE  
(SEE SHEET 7)

1

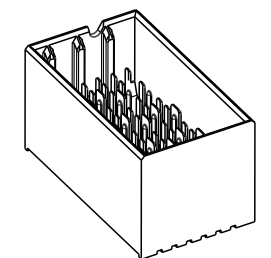
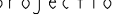


TABLE 1: OPTIONAL PCB HOLE SIZE (SEE NOTE 11)

|                  | GROUNDED     | UNGROUNDED  |
|------------------|--------------|-------------|
| FINISHED         | Ø2.35-2.55   | Ø2.35-2.55  |
| PAD              | Ø5.50        | N/A         |
| PLATED           | YES          | NO          |
| DRILL<br>(mm/in) | 2.58 / .1015 | 2.44 / .096 |

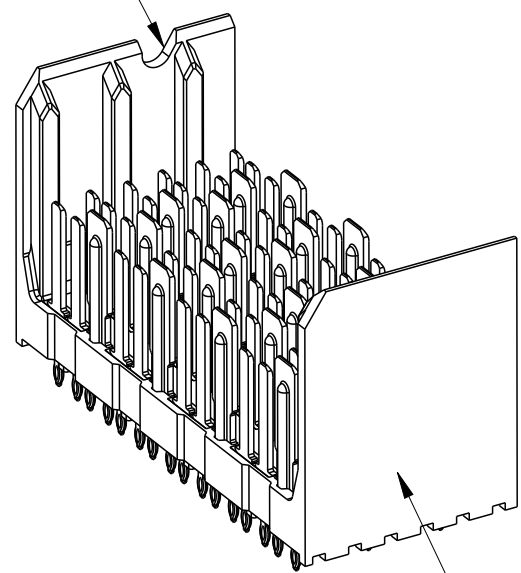
TABLE 2: OPTIONAL SCREW TYPE (SEE NOTE 10)

| SCREW P/N      | DESCRIPTION                                              | BOARD THICKNESS |
|----------------|----------------------------------------------------------|-----------------|
| 10091790-002LF | #2-56 X .375"<br>PHILLIPS PANHEAD<br>W/SQ CONICAL WASHER | 1.60 - 5.00     |
| 10091790-003LF | #2-56 X .500"<br>PHILLIPS PANHEAD<br>W/SQ CONICAL WASHER | 5.00 - 10.00    |

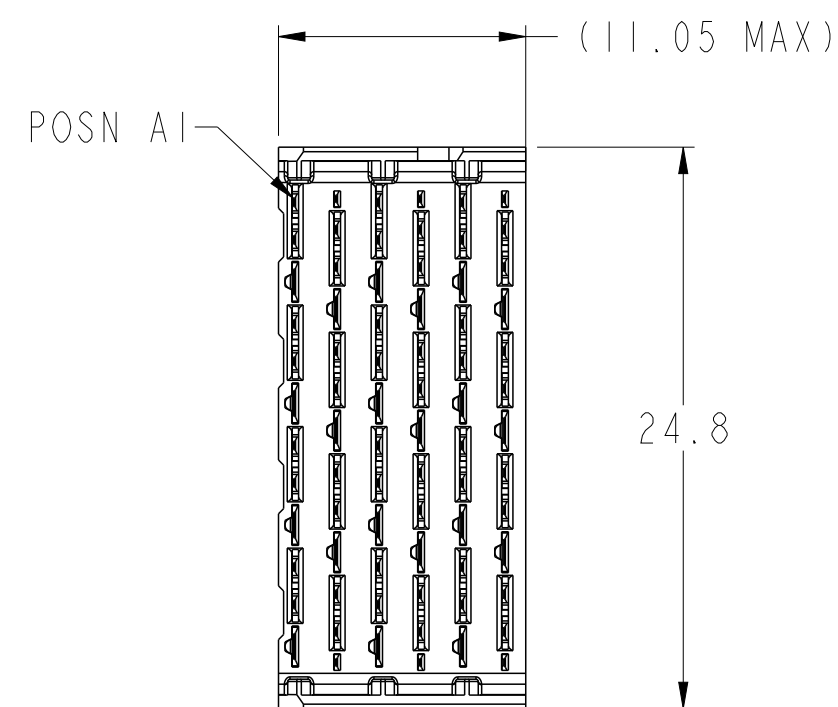
|               |  |                                                                                       |  |         |  |               |  |            |  |                                                                                       |  |                                                                                       |  |                 |  |                                   |  |           |  |          |  |              |  |
|---------------|--|---------------------------------------------------------------------------------------|--|---------|--|---------------|--|------------|--|---------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|-----------------|--|-----------------------------------|--|-----------|--|----------|--|--------------|--|
| 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                     |  | rel level |  | Released |  |              |  |
| ASME Y14.5    |  |                                                                                       |  | chr     |  | -             |  | -          |  |                                                                                       |  |                                                                                       |  | ecp no          |  | -                                 |  |           |  |          |  |              |  |
|               |  |                                                                                       |  | appr    |  | Chen-Hong Tan |  | 2014/12/10 |  | product family                                                                        |  | XCede                                                                                 |  |                 |  |                                   |  |           |  |          |  |              |  |
| surface       |  |  |  | linear  |  | 0.X           |  | ±0.2       |  |  |  | title                                                                                 |  | MODULE ASSEMBLY |  | VERTICAL HEADER, 6-COLUMN, 4-PAIR |  | dwg no    |  | 10091767 |  | sheet 1 of 8 |  |
|               |  |                                                                                       |  | 0.XX    |  | ±0.10         |  |            |  |                                                                                       |  |                                                                                       |  |                 |  |                                   |  |           |  |          |  |              |  |
|               |  |                                                                                       |  | 0.XXX   |  | ±0.050        |  |            |  |                                                                                       |  |                                                                                       |  |                 |  |                                   |  |           |  |          |  |              |  |
| ASME Y14.5    |  |                                                                                       |  | angular |  | 0°            |  | ±°         |  | www.fci.com                                                                           |  | cat. no.                                                                              |  | SEE P/N TREE    |  | Product - Customer Drw            |  |           |  |          |  |              |  |

OPEN (2-WALL) MODULE

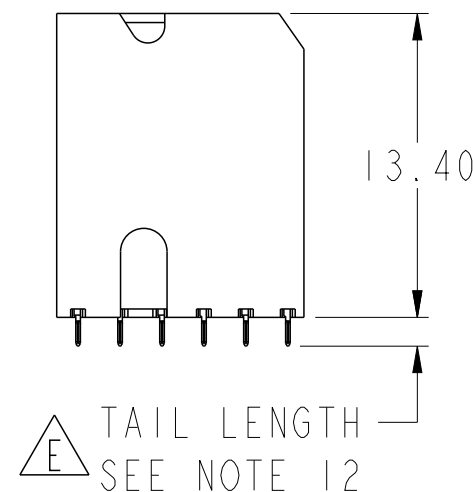
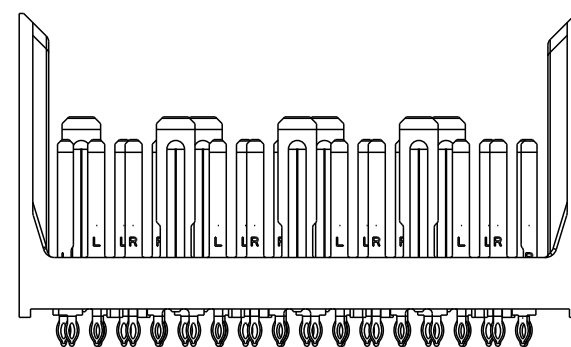
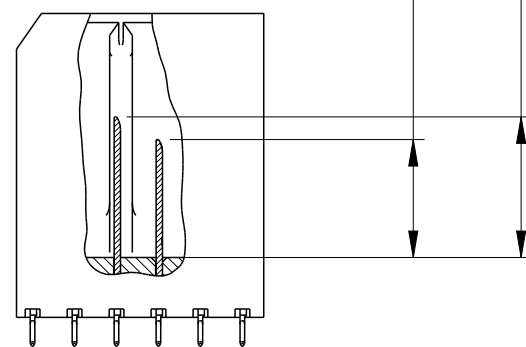
SEE NOTE 8



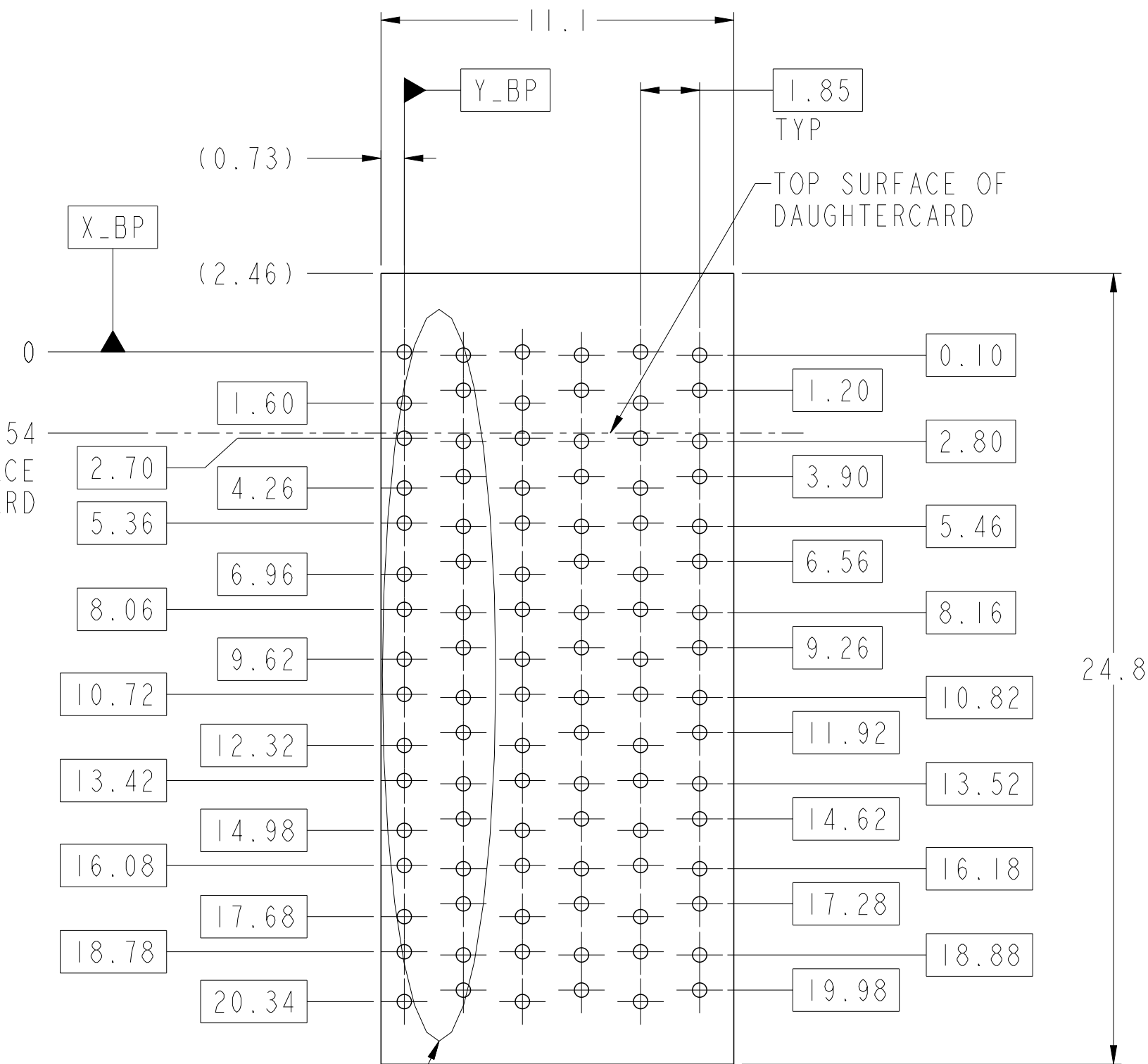
SEE NOTE 5



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

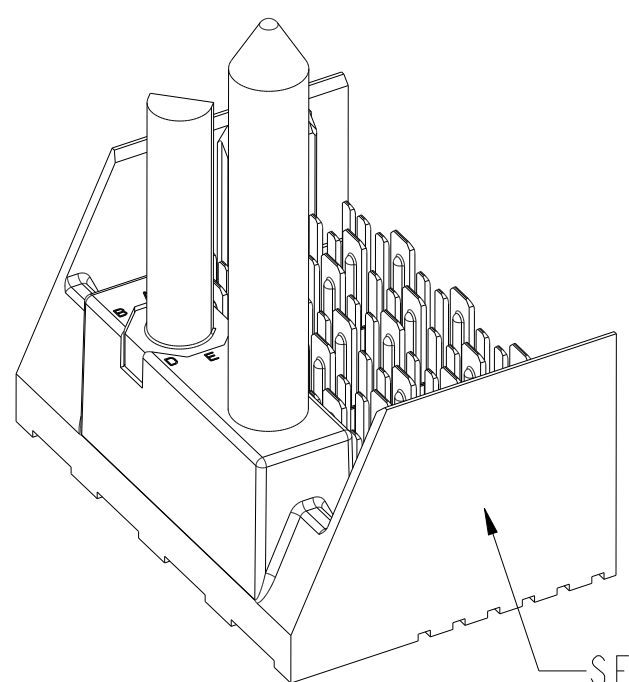
|               |                                        |       |                                                      |            |                |                        |              |               |           |          |
|---------------|----------------------------------------|-------|------------------------------------------------------|------------|----------------|------------------------|--------------|---------------|-----------|----------|
| spec ref      | SEE NOTES                              | dr    | Jim Swain                                            | 2009/03/02 | projection     | MM                     | size         | A2            | scale     | 4:1      |
| tolerance std | ASME Y14.5                             | eng   | Sandar Soe                                           | 2014/10/02 | chr            | -                      | ecn no       | ELX-S-18843-1 | rel level | Released |
| surface       | ✓                                      | appr  | Chen-Hong Tan                                        | 2014/12/10 | product family | XCede                  | dwg no       | 10091767      | rev       | E        |
| linear        | 0.X ±0.2<br>0.XX ±0.10<br>0.XXX ±0.050 | title | MODULE ASSEMBLY<br>VERTICAL HEADER, 6-COLUMN, 4-PAIR | cat. no.   | SEE P/N TREE   | Product - Customer Drw | sheet 2 of 8 |               |           |          |
| angular       | 0° ±°                                  |       |                                                      |            |                |                        |              |               |           |          |

PDS: Rev :E

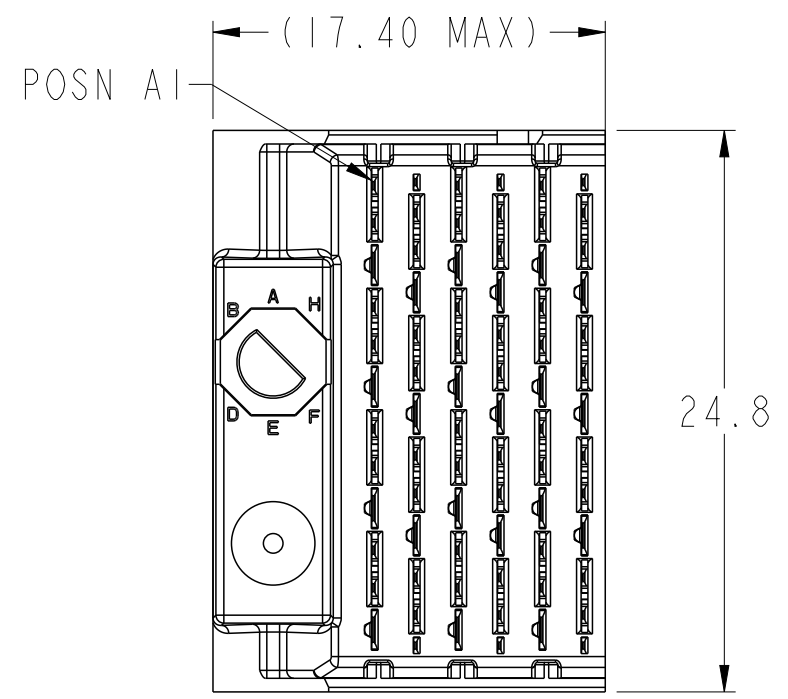
STATUS:Released

Printed: Dec 10, 2014

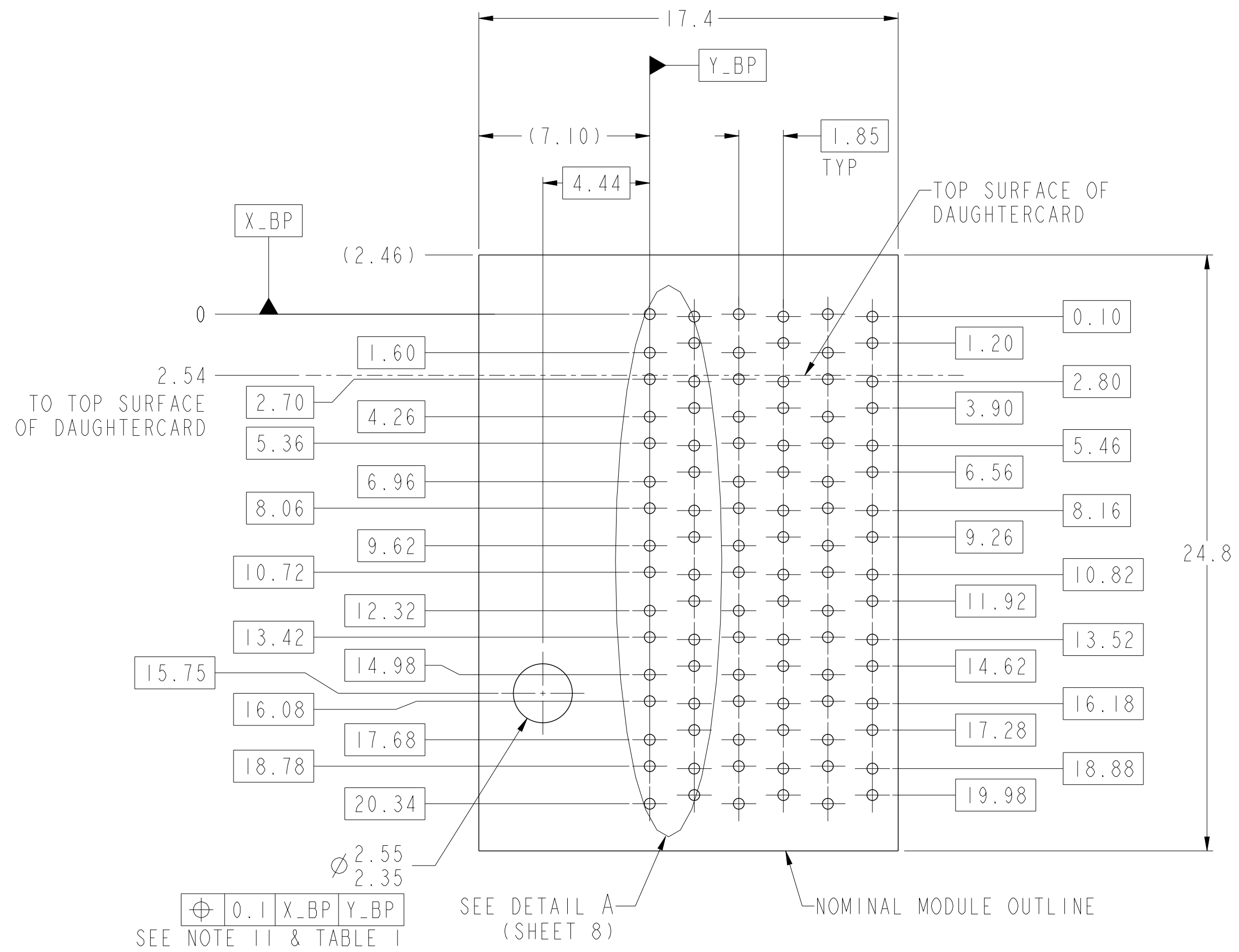
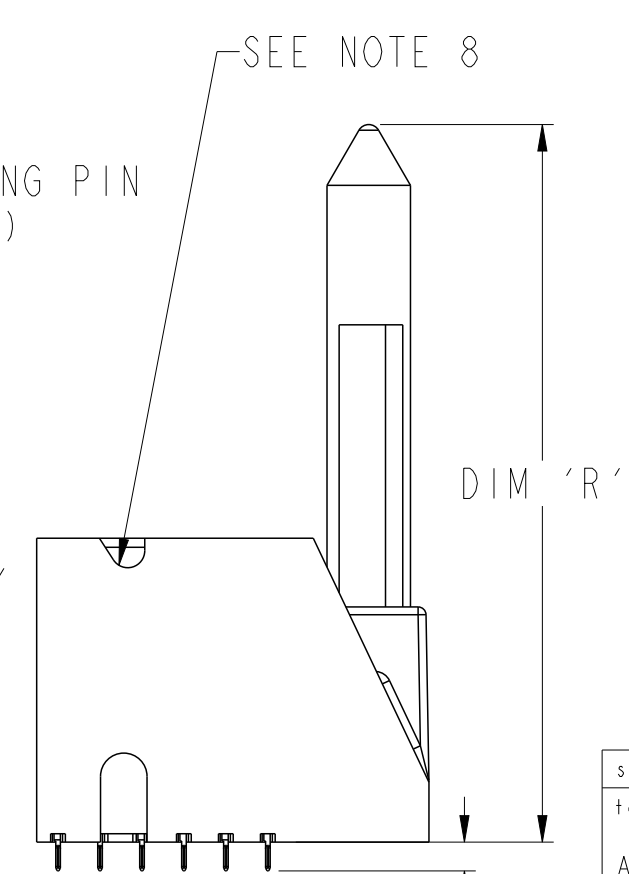
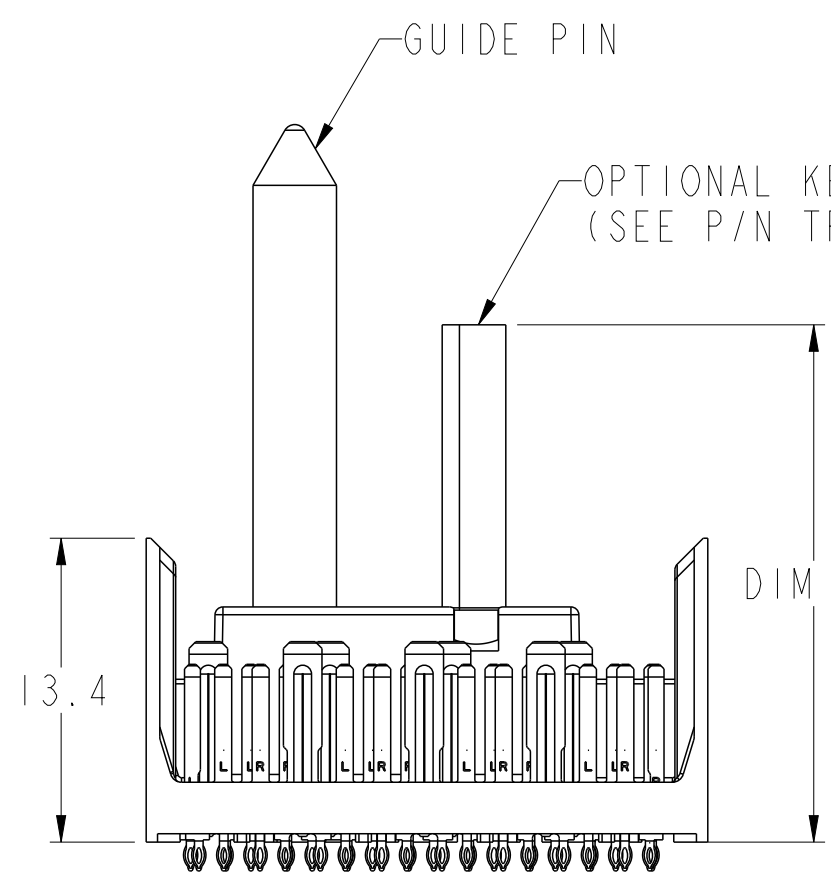
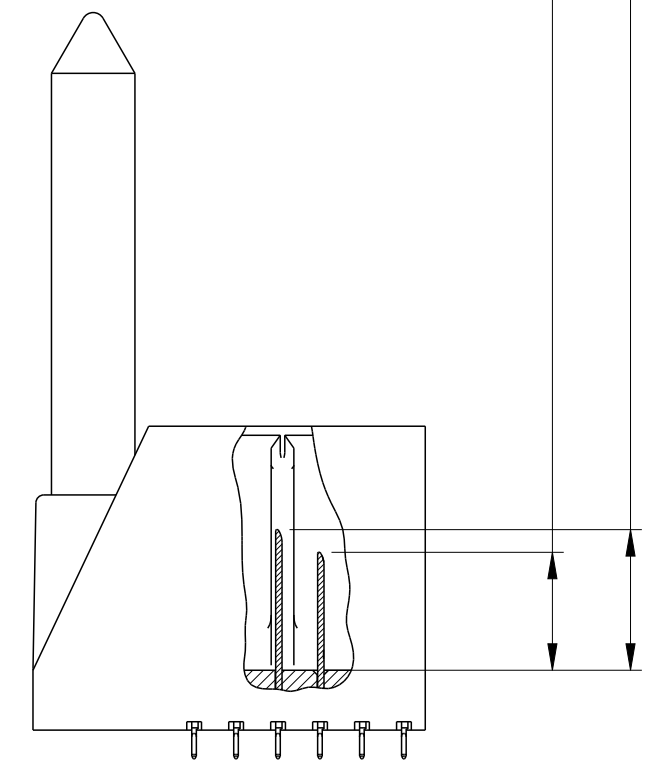
LEFT POLARIZING/GUIDE MODULE



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



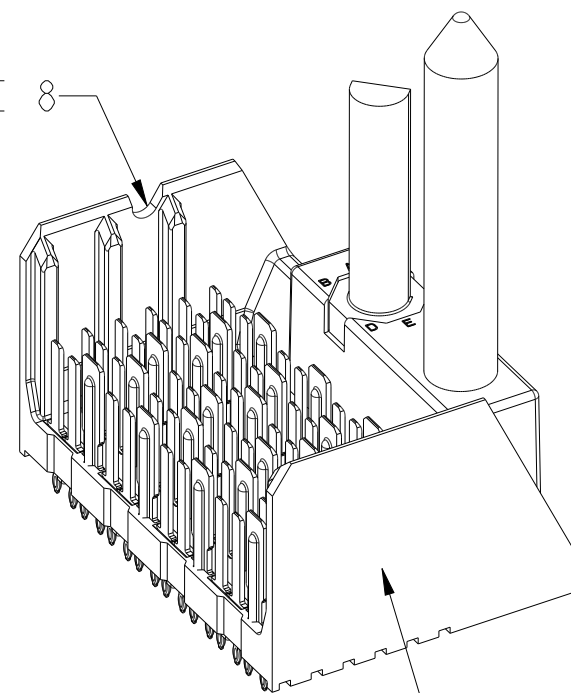
| ASSEMBLY<br>BASE CONFIGURATION<br>END DASH NO. | GUIDE PIN | POLARIZING KEY |
|------------------------------------------------|-----------|----------------|
|                                                | DIM 'R'   | DIM 'S'        |
| -X0X                                           | 31.6mm    | 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 | ASME Y14.5                             | eng   | Sandar Soe                                           | 2014/10/02 | chr            | -                      | ecn no       | ELX-S-18843-1 | rel level | Released |
| surface       | ✓                                      | appr  | Chen-Hong Tan                                        | 2014/12/10 | product family | XCede                  | dwg no       | 10091767      | rev       | E        |
| linear        | 0.X ±0.2<br>0.XX ±0.10<br>0.XXX ±0.050 | title | MODULE ASSEMBLY<br>VERTICAL HEADER, 6-COLUMN, 4-PAIR | cat. no.   | SEE P/N TREE   | Product - Customer Drw | sheet 3 of 8 |               |           |          |
| angular       | 0° ±°                                  |       |                                                      |            |                |                        |              |               |           |          |

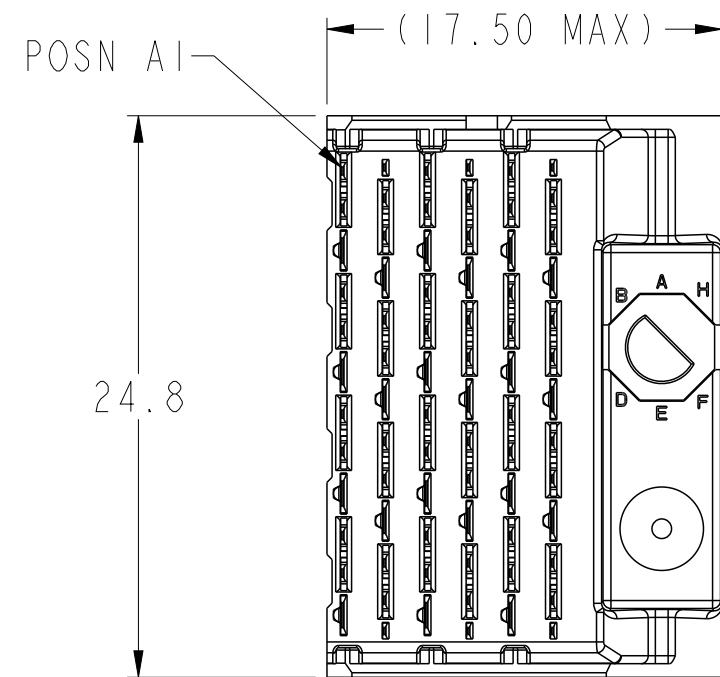


# RIGHT POLARIZING/GUIDE MODULE

SEE NOTE 8

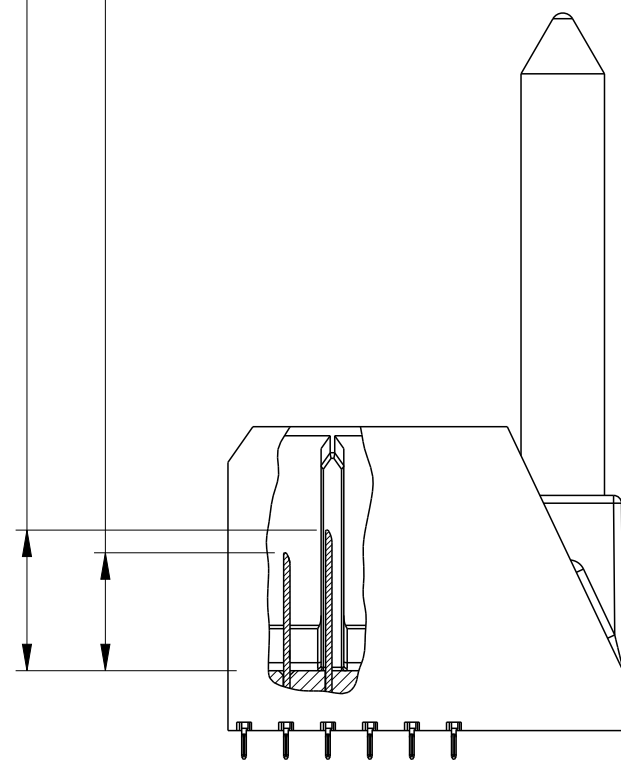


SEE NOTE 5



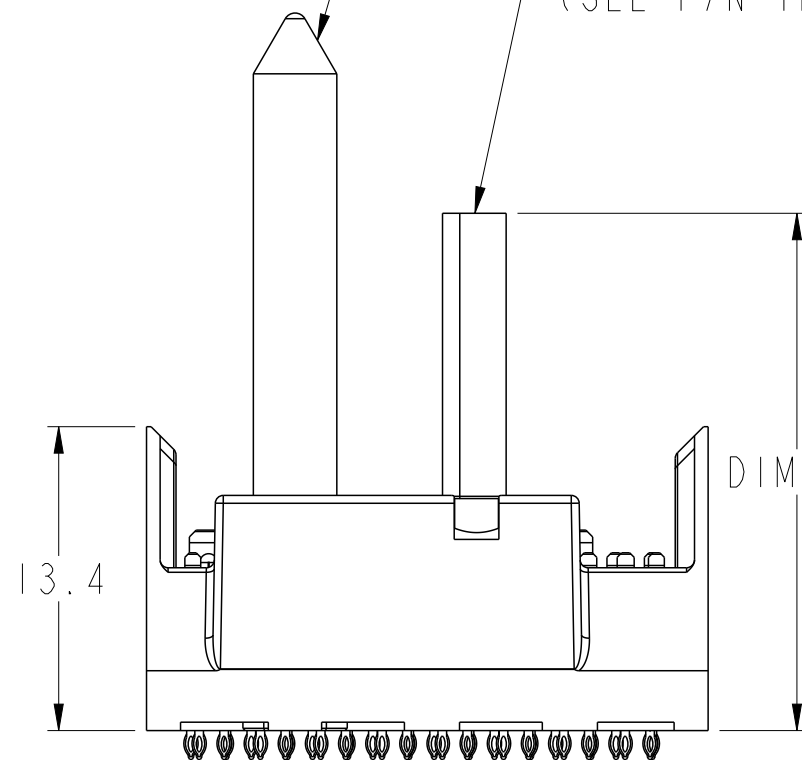
6.2 (4MM WIPE WIDE GROUNDS)  
5.2 (3MM WIPE WIDE GROUNDS)

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

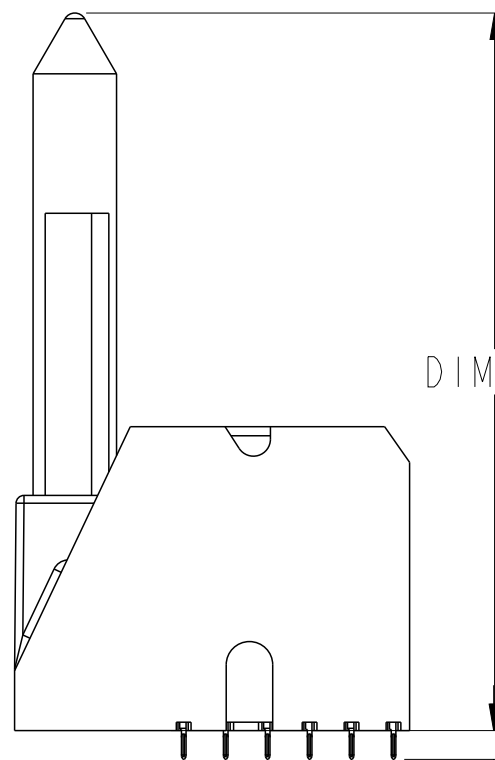


GUIDE PIN

OPTIONAL KEYING PIN  
(SEE P/N TREE)



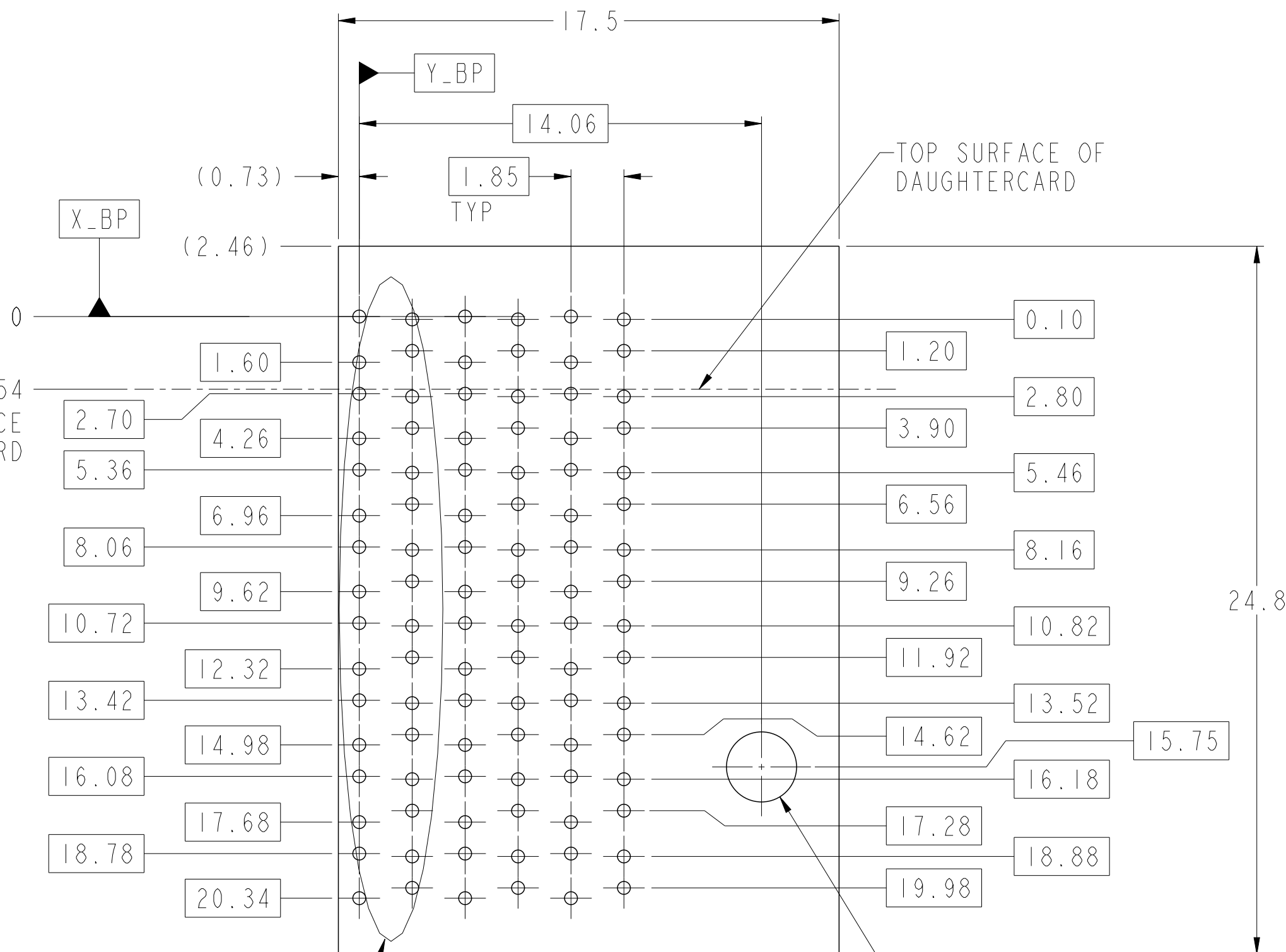
DIM 'S'



DIM 'R'

TAIL LENGTH  
SEE NOTE 12

2.54  
TO TOP SURFACE  
OF DAUGHTERCARD



Ø 2.55  
2.35  
Ø 0.10 X\_BP Y\_BP  
SEE NOTE 11 & TABLE 1

| ASSEMBLY<br>BASE CONFIGURATION<br>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   | chr                    | -            | ecm 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 4 of 8 | dwg no    | 10091767      | rev       | E        |

PDS: Rev :E

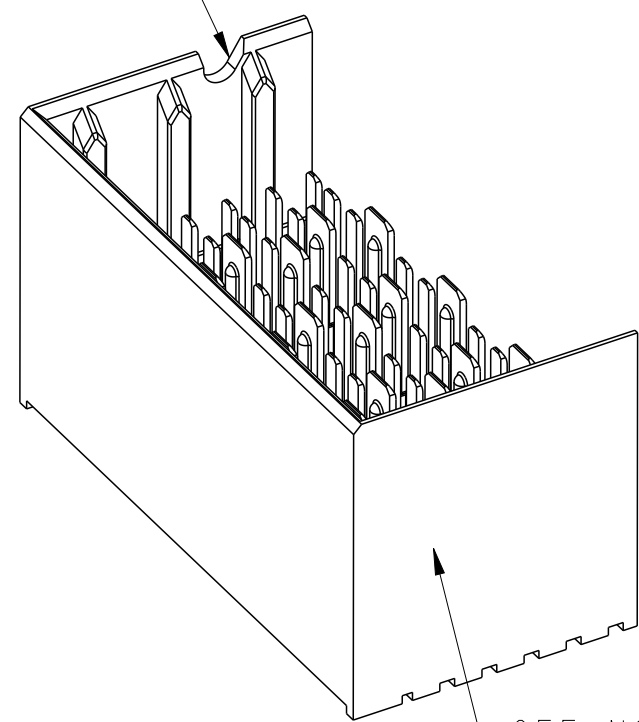
STATUS:Released

Printed: Dec 10, 2014

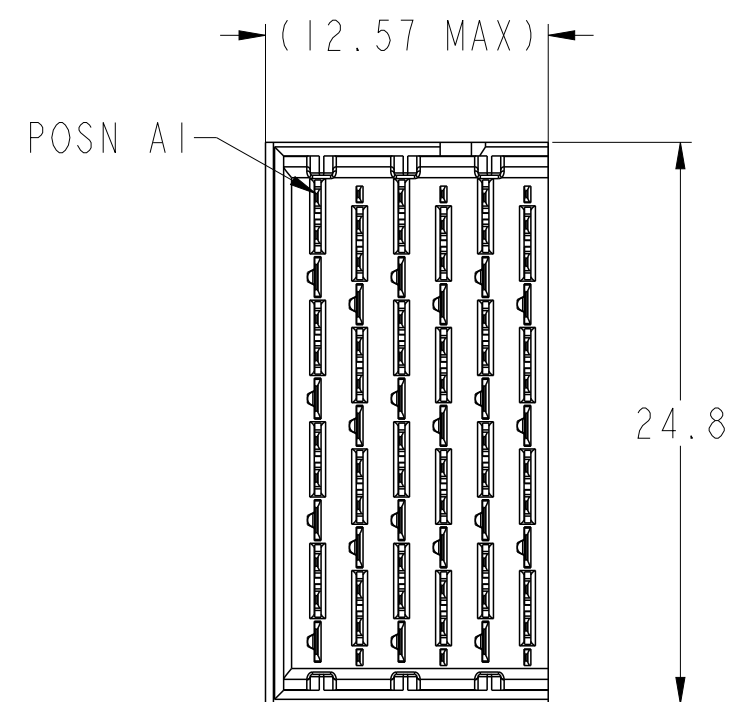


# LEFT WALL MODULE

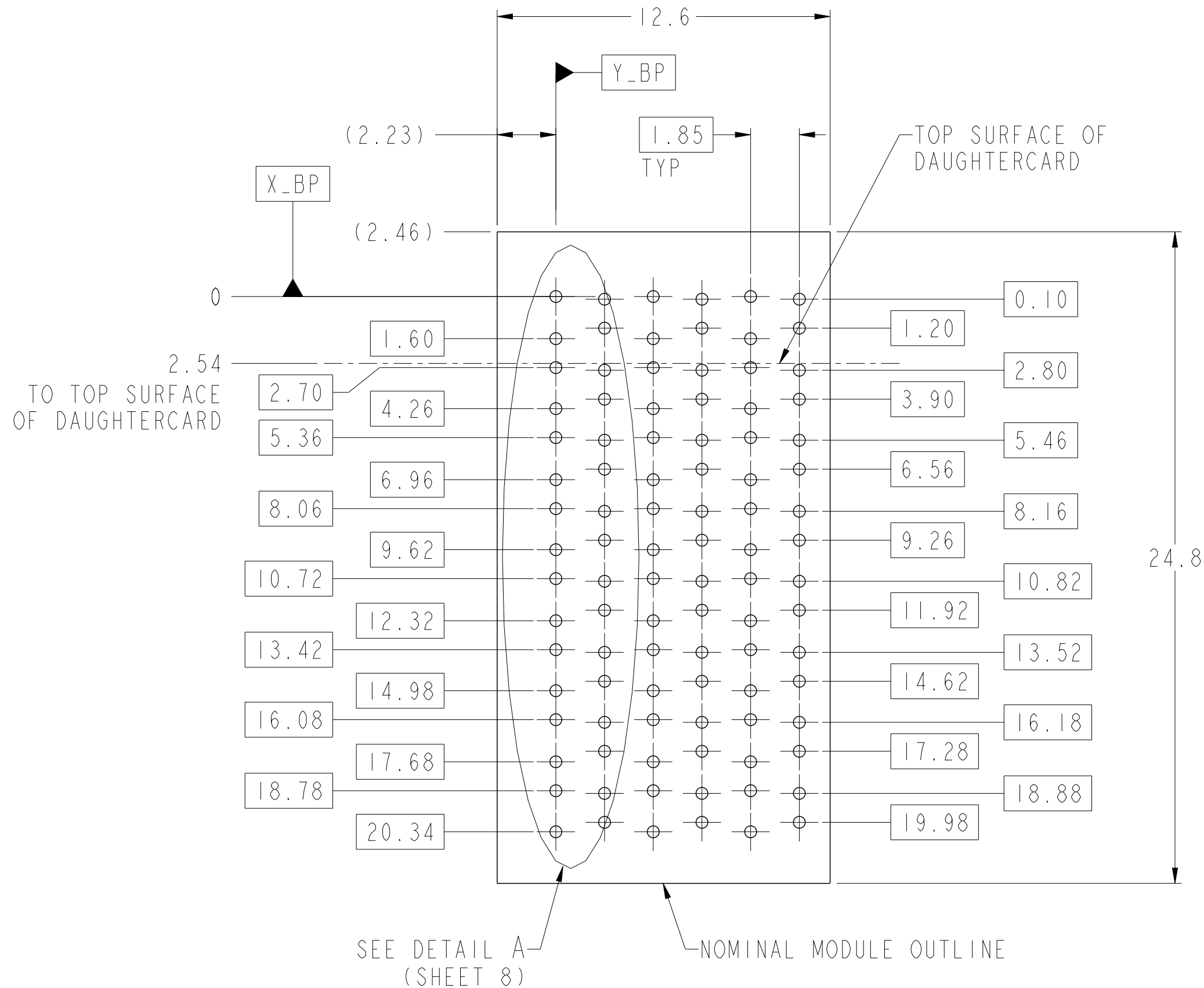
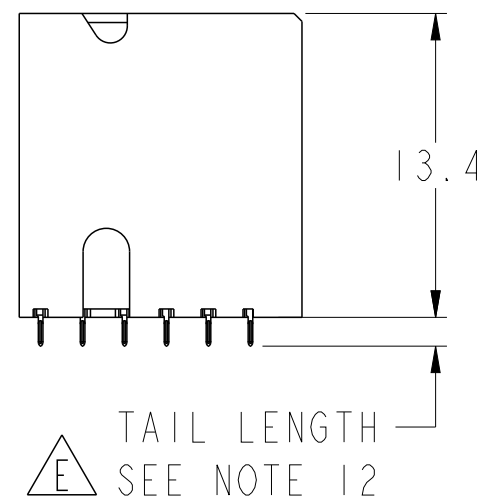
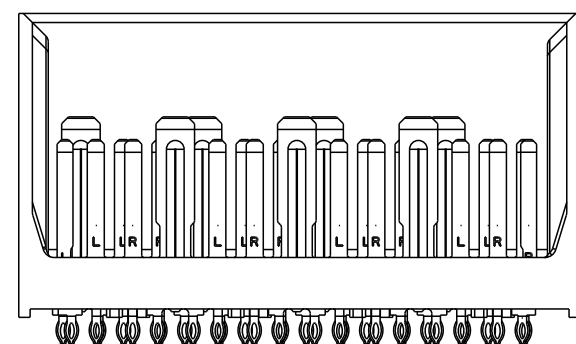
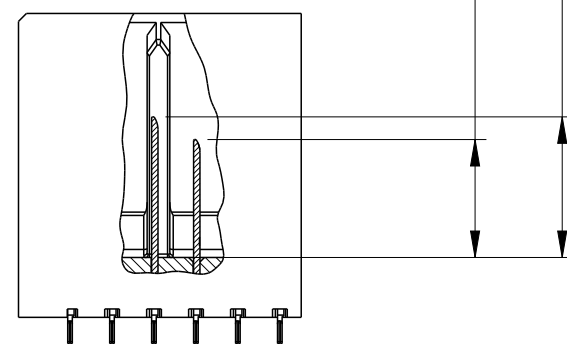
SEE NOTE 8



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     | 2009/03/02  | projection     | MM           | size                   | A2            | scale     | 4:1      |
| tolerance std | ASME Y14.5                             | eng     | Sandar Soe    | 2014/10/02  | chr            | -            | ecn no                 | ELX-S-18843-1 | rel level | Released |
| surface       | ✓                                      | appr    | Chen-Hong Tan | 2014/12/10  | product family | XCede        | dwg no                 | 10091767      | rev       | E        |
| linear        | 0.X ±0.2<br>0.XX ±0.10<br>0.XXX ±0.050 | angular | 0° ±°         | www.fci.com | cat. no.       | SEE P/N TREE | Product - Customer Drw | sheet 5 of 8  |           |          |

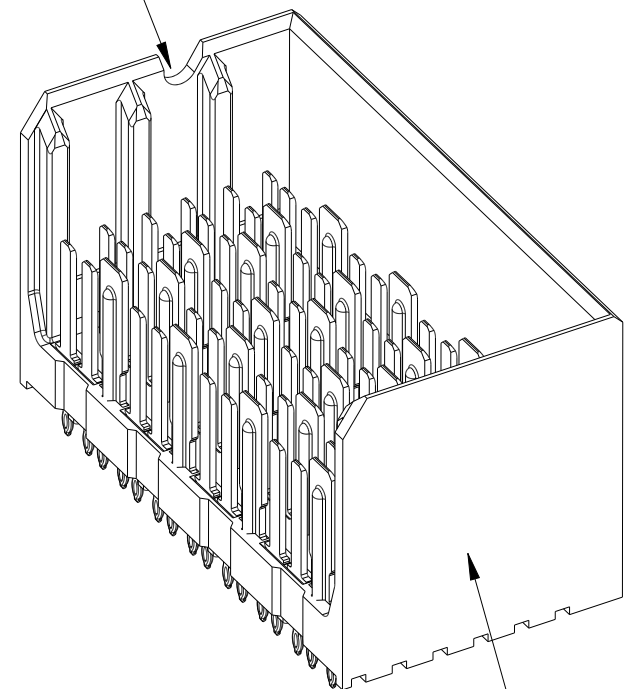
PDS: Rev :E

STATUS:Released

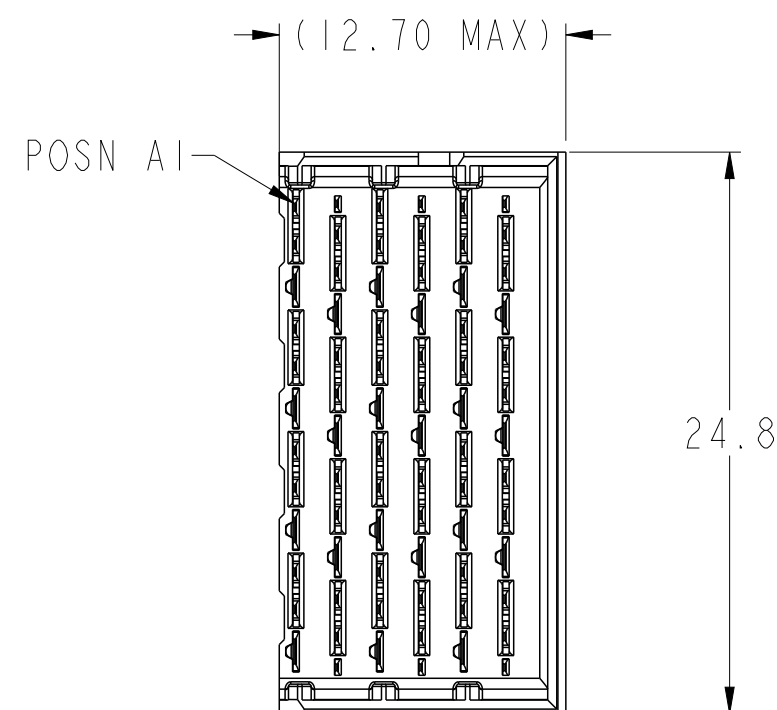
Printed: Dec 10, 2014

# RIGHT WALL MODULE

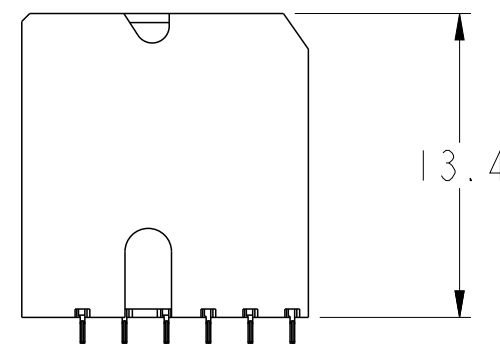
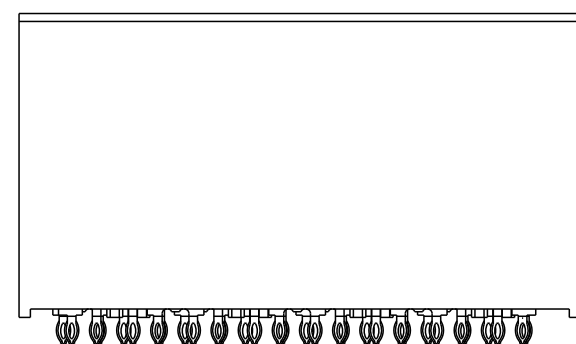
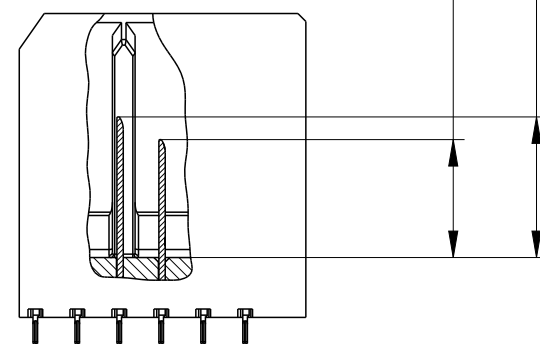
SEE NOTE 8



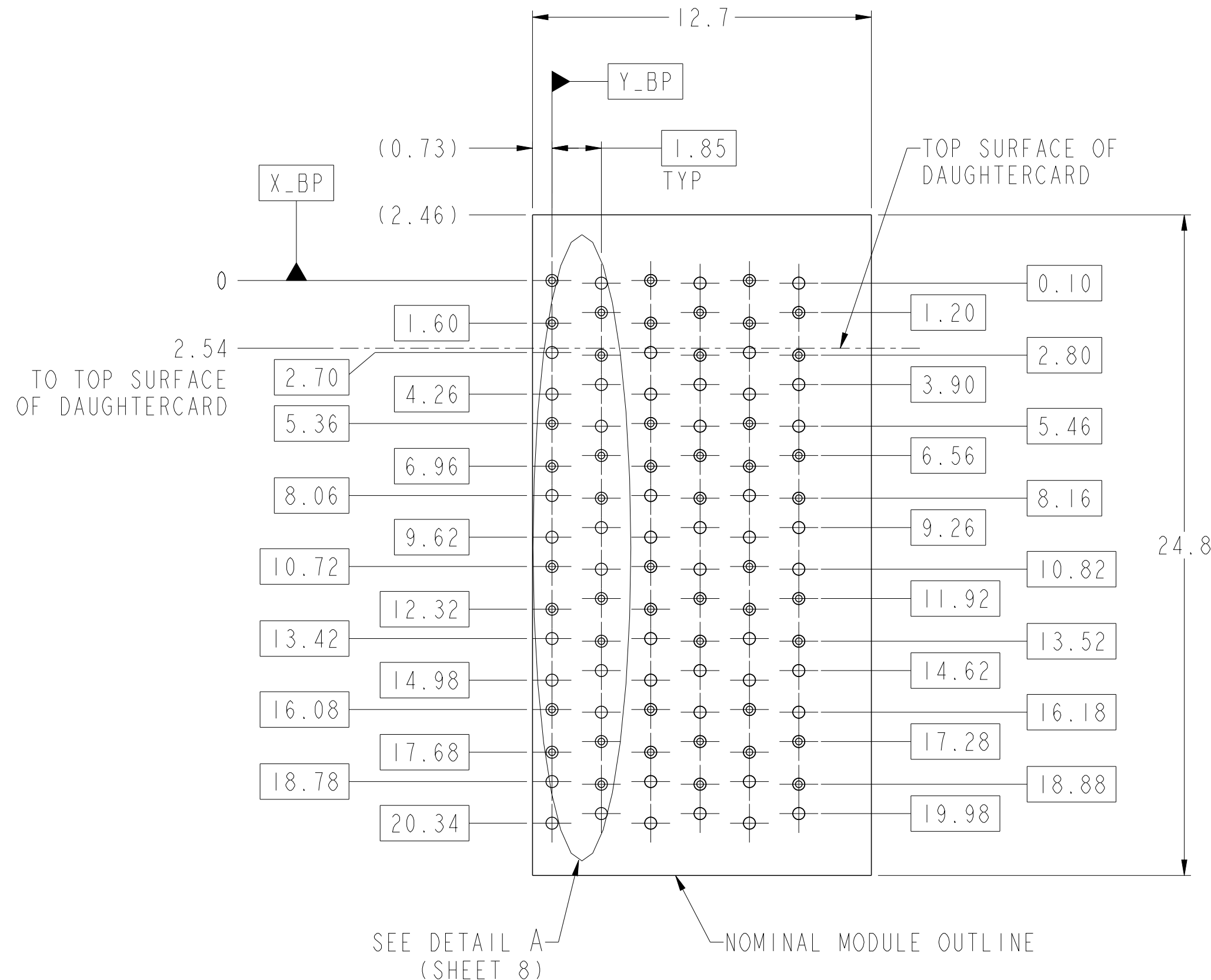
SEE NOTE 5



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             |           |          |

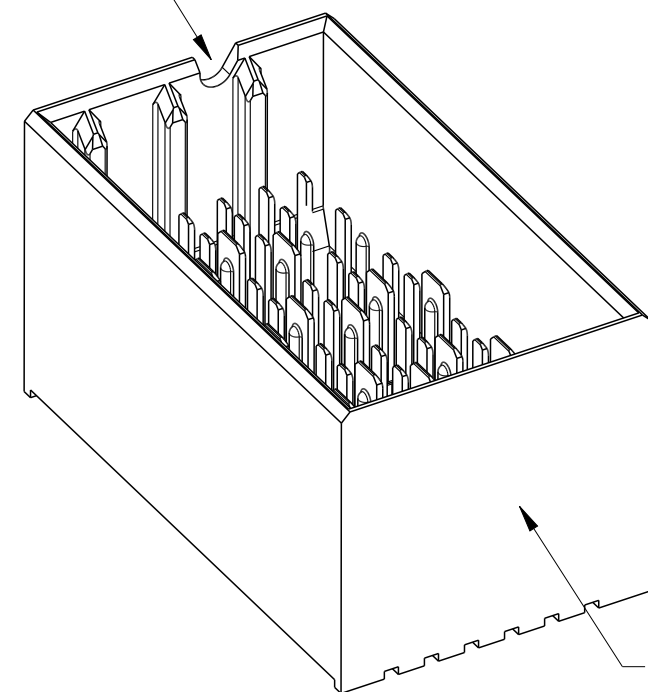
PDS: Rev :E

STATUS:Released

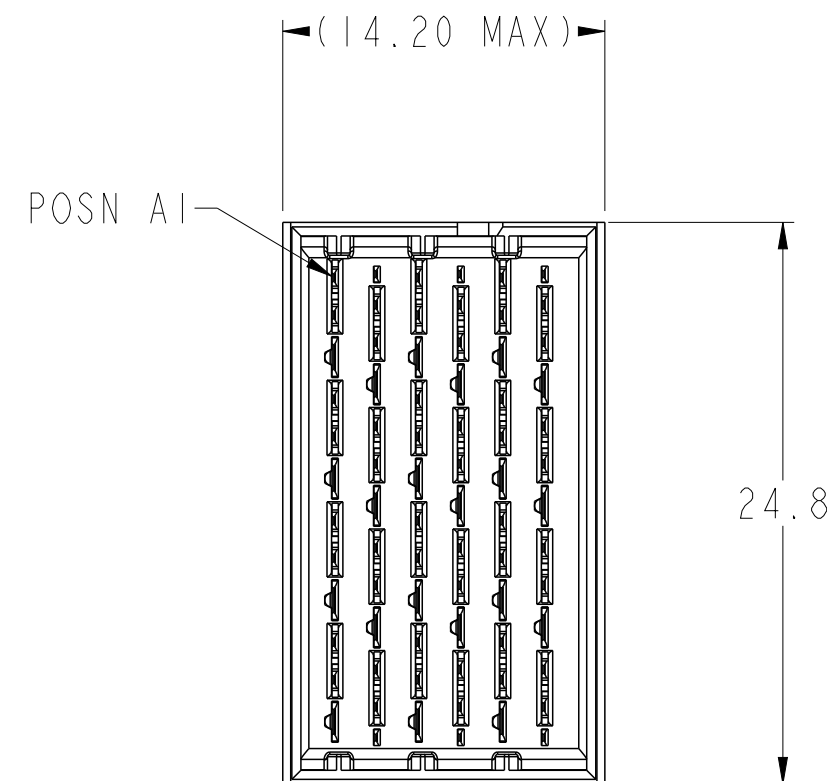
Printed: Dec 10, 2014

# 4-WALL MODULE

SEE NOTE 8

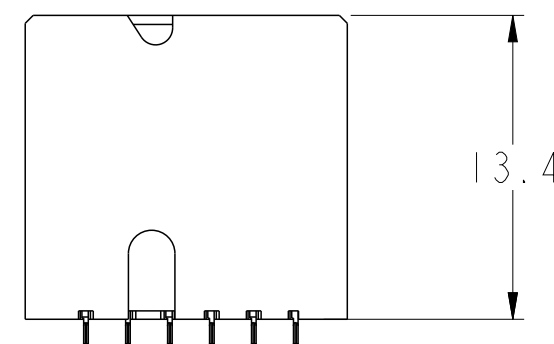
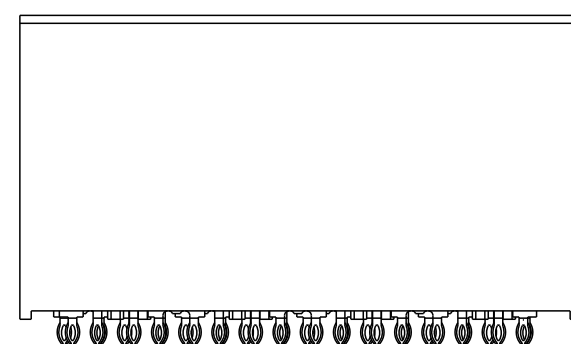
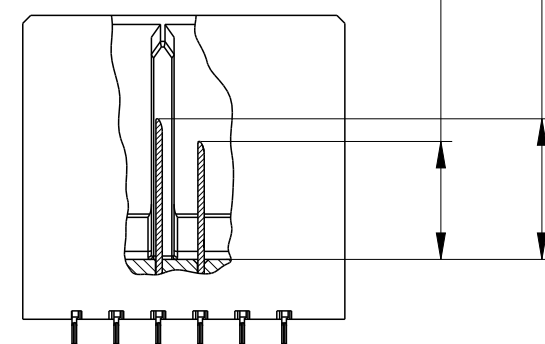


SEE NOTE 5

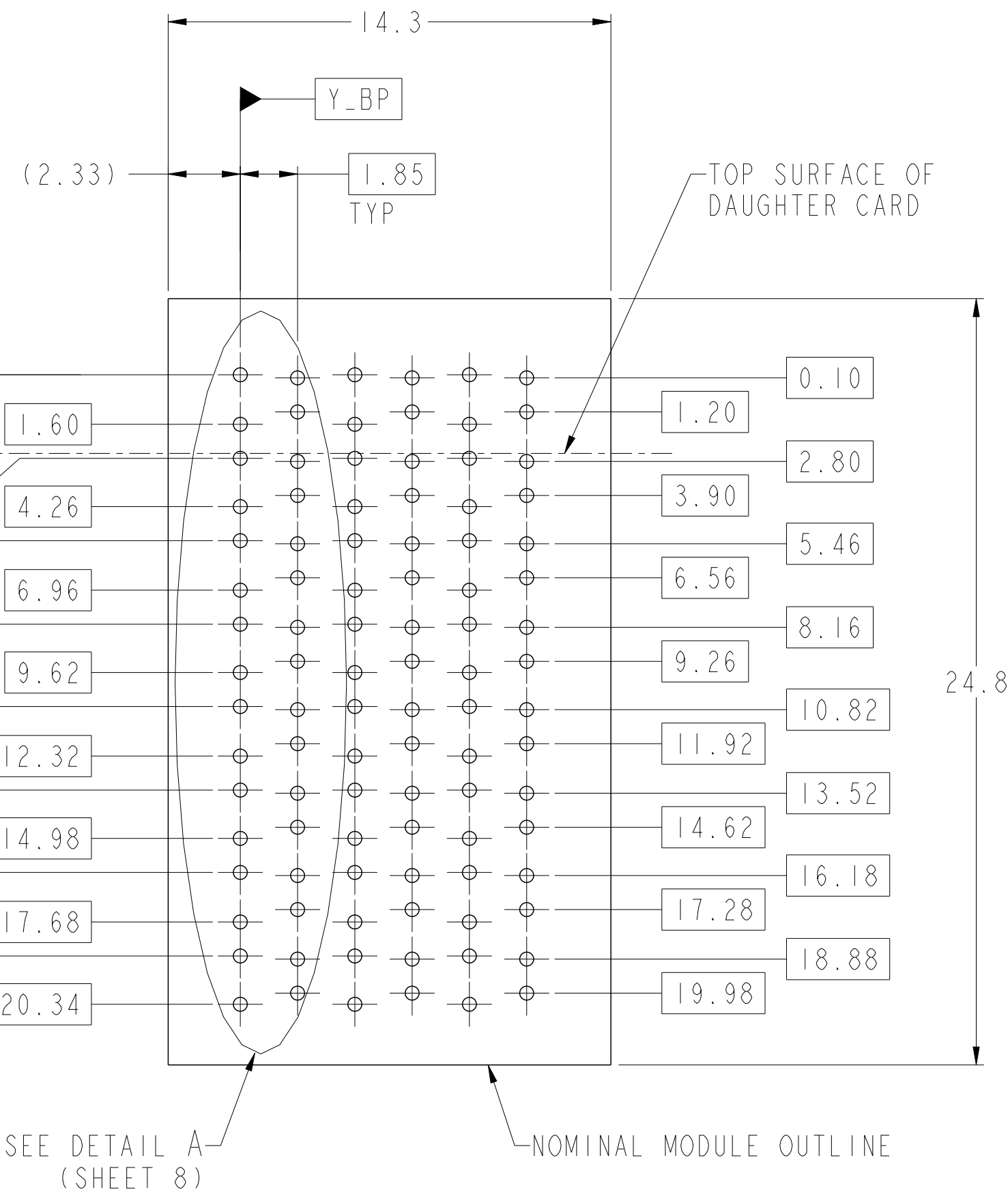


6.2 (4MM WIPE WIDE GROUNDS)  
5.2 (3MM WIPE WIDE GROUNDS)

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



PCB HOLE PATTERN  
COMPONENT SIDE  
SCALE 6:1

|               |                                       |             |               |              |                        |              |           |               |           |          |
|---------------|---------------------------------------|-------------|---------------|--------------|------------------------|--------------|-----------|---------------|-----------|----------|
| 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 | rev       | E             |           |          |

PDS: Rev :E

STATUS:Released

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