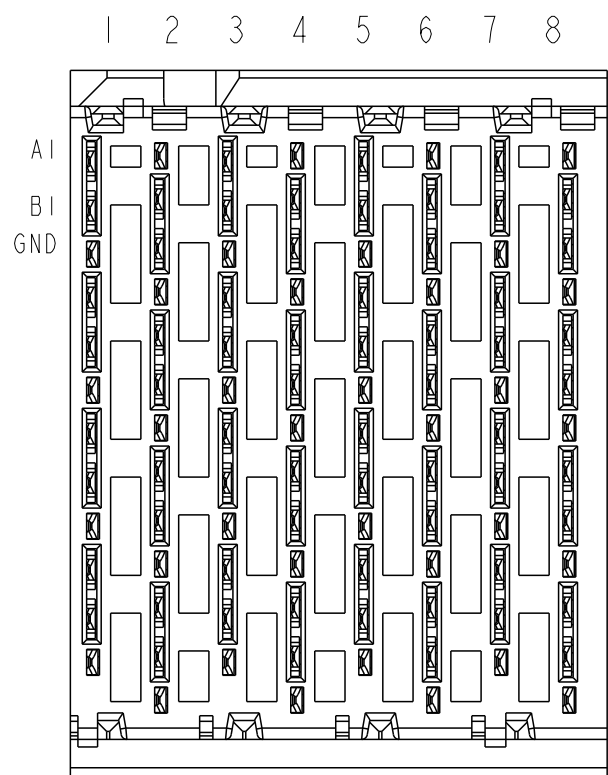


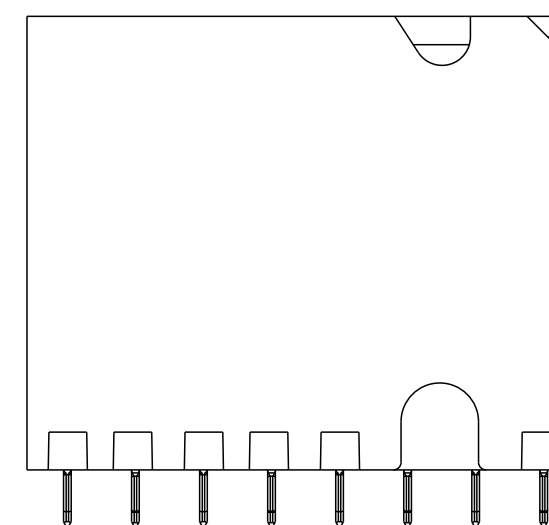
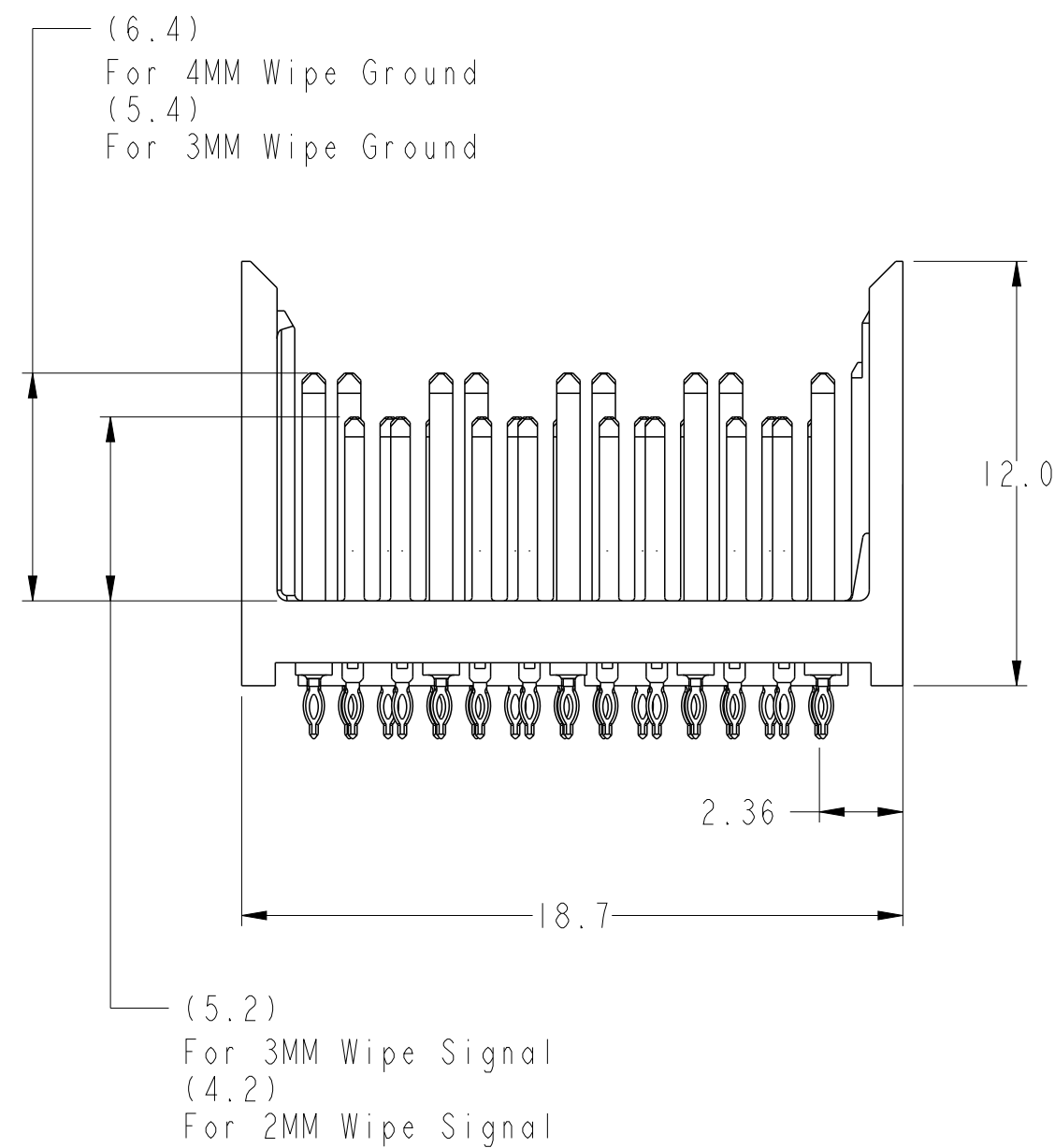
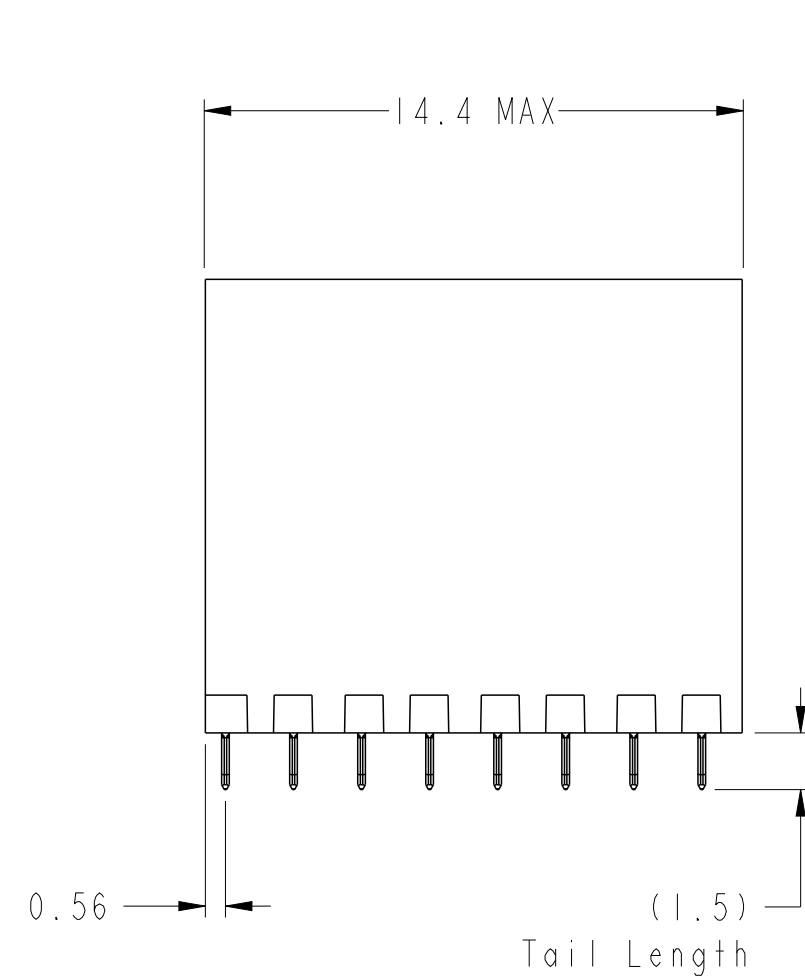
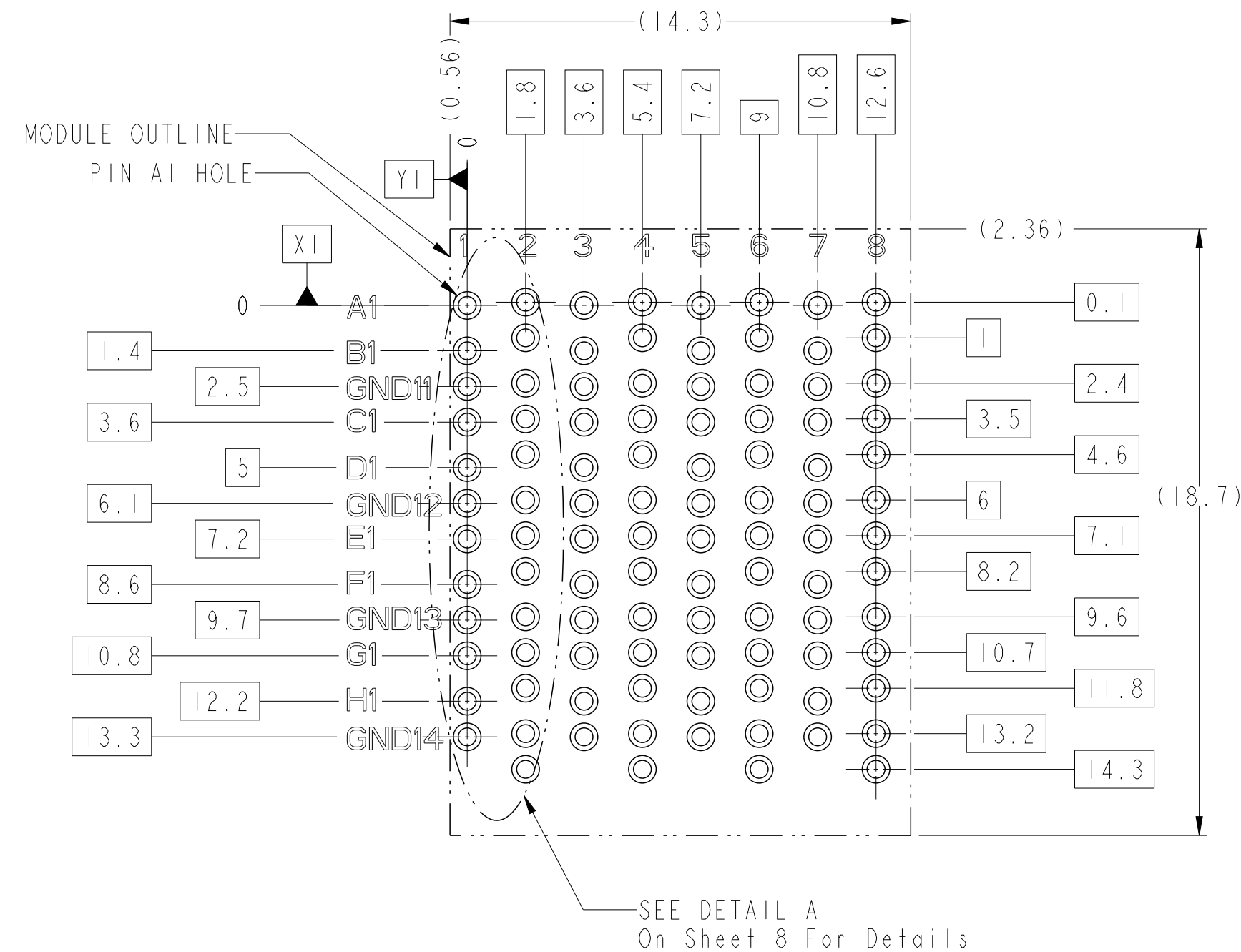




SEE NOTE 5

PIN A1

OPEN WALL MODULE



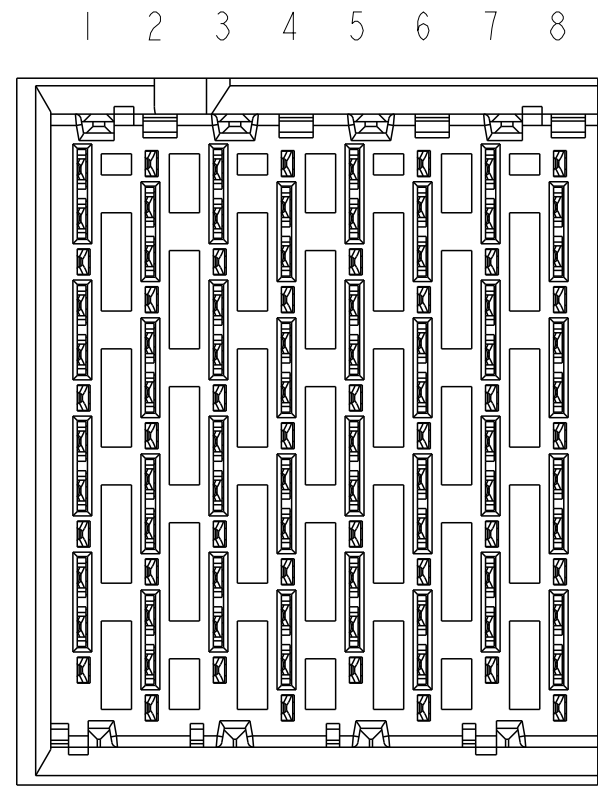
BP HOLE PATTERN COMPONENT SIDE  
OPEN WALL MODULE BACKPLANE FOOTPRINT

|                                                                                       |  |                                       |  |       |  |               |  |                                                                                       |  |                                                                                       |  |                                                                                       |  |           |  |               |  |           |  |          |  |
|---------------------------------------------------------------------------------------|--|---------------------------------------|--|-------|--|---------------|--|---------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|-----------|--|---------------|--|-----------|--|----------|--|
| spec ref                                                                              |  | -                                     |  | dr    |  | Collins Lu    |  | 2011/07/27                                                                            |  | projection                                                                            |  | mm                                                                                    |  | size      |  | A2            |  | scale     |  | 1:1      |  |
| tolerance std                                                                         |  | ISO 406                               |  | eng   |  | Sandar Soe    |  | 2016/03/07                                                                            |  |  |  |  |  | ecn no    |  | ELX-S-17624-1 |  | rel level |  | Released |  |
| ISO 1101                                                                              |  | TOLERANCES UNLESS OTHERWISE SPECIFIED |  | chr   |  | -             |  | -                                                                                     |  |                                                                                       |  |                                                                                       |  |           |  |               |  |           |  |          |  |
| surface                                                                               |  | ISO 1302                              |  | appr  |  | Chen-Hong Tan |  | 2016/03/17                                                                            |  | product family                                                                        |  | -                                                                                     |  | rel level |  | Released      |  | rev       |  | E        |  |
|  |  | linear                                |  | 0.X   |  | ±0.3          |  |  |  | MODULE ASSEMBLY, XCEDE HD                                                             |  | dwg no                                                                                |  | 10115091  |  | sheet 2 of 8  |  |           |  |          |  |
|                                                                                       |  | 0.XX                                  |  | ±0.10 |  |               |  |                                                                                       |  |                                                                                       |  |                                                                                       |  |           |  |               |  |           |  |          |  |
|                                                                                       |  | 0.XXX                                 |  | ±0.05 |  |               |  |                                                                                       |  |                                                                                       |  |                                                                                       |  |           |  |               |  |           |  |          |  |
| angular                                                                               |  | 0°                                    |  | ±2°   |  | www.fci.com   |  | cat. no.                                                                              |  | -                                                                                     |  | Product - Customer Drw                                                                |  | -         |  | -             |  | -         |  | -        |  |

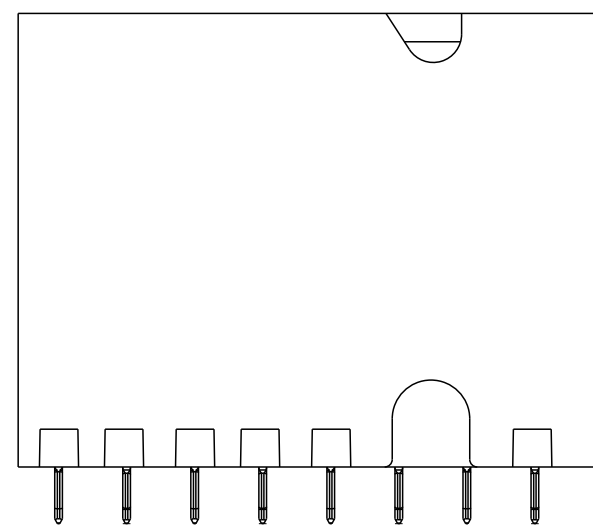
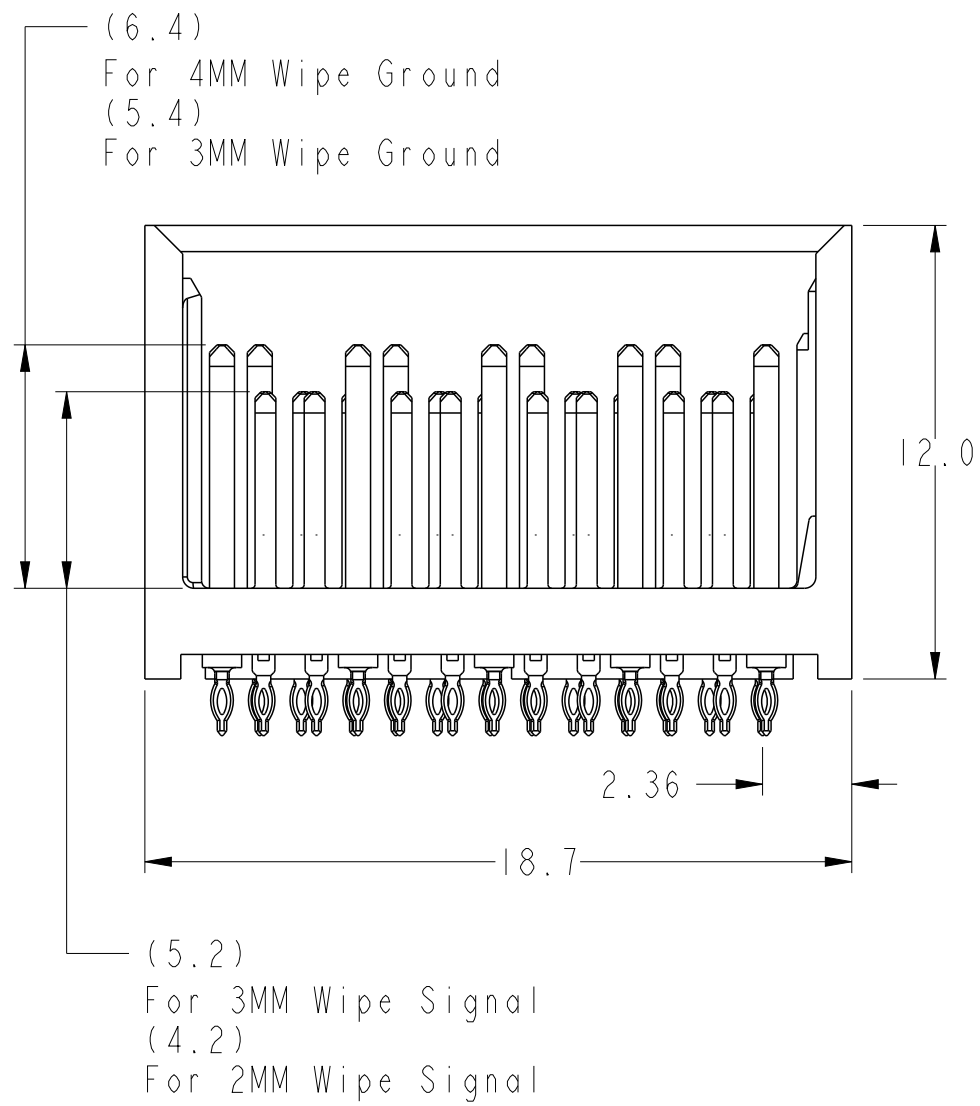
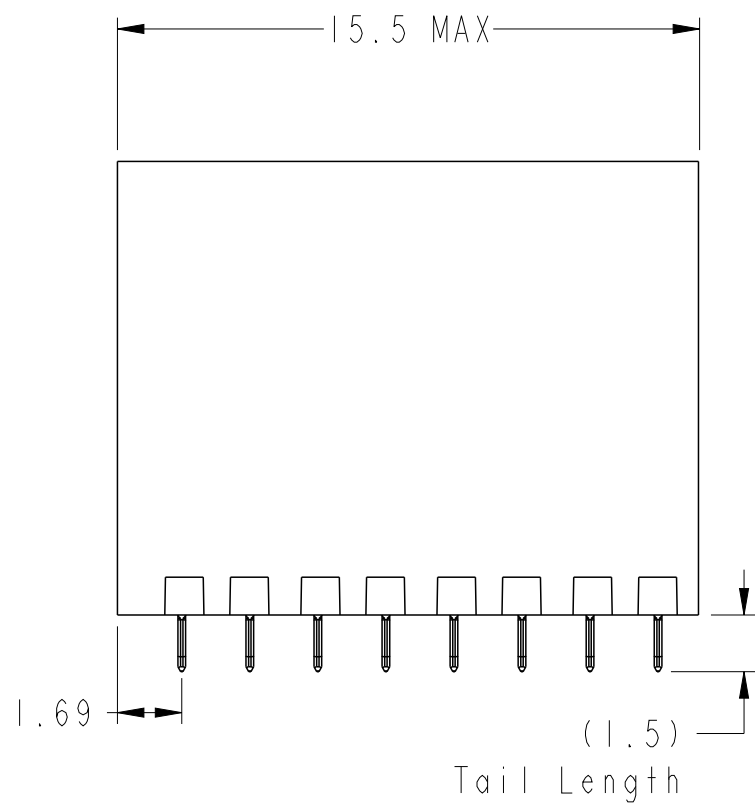
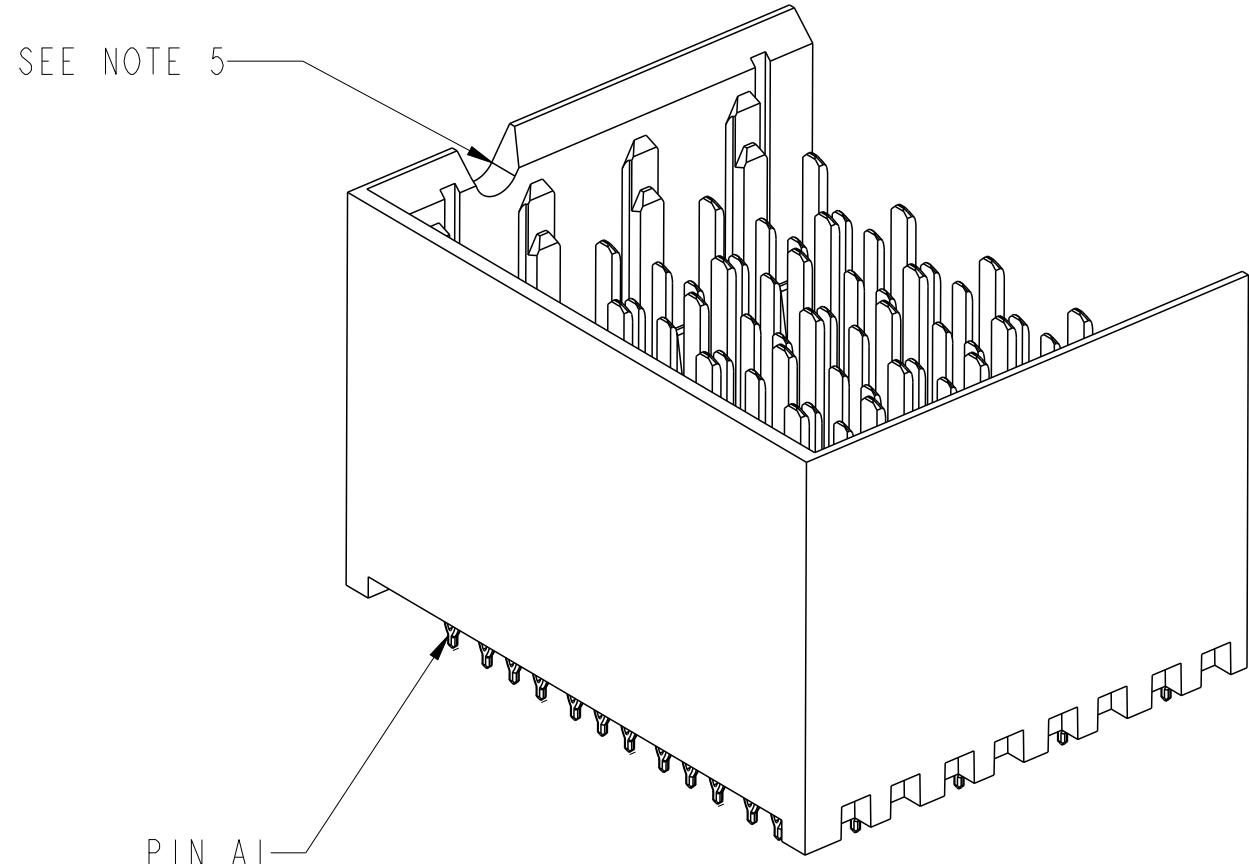
PDS: Rev :E

STATUS:Released

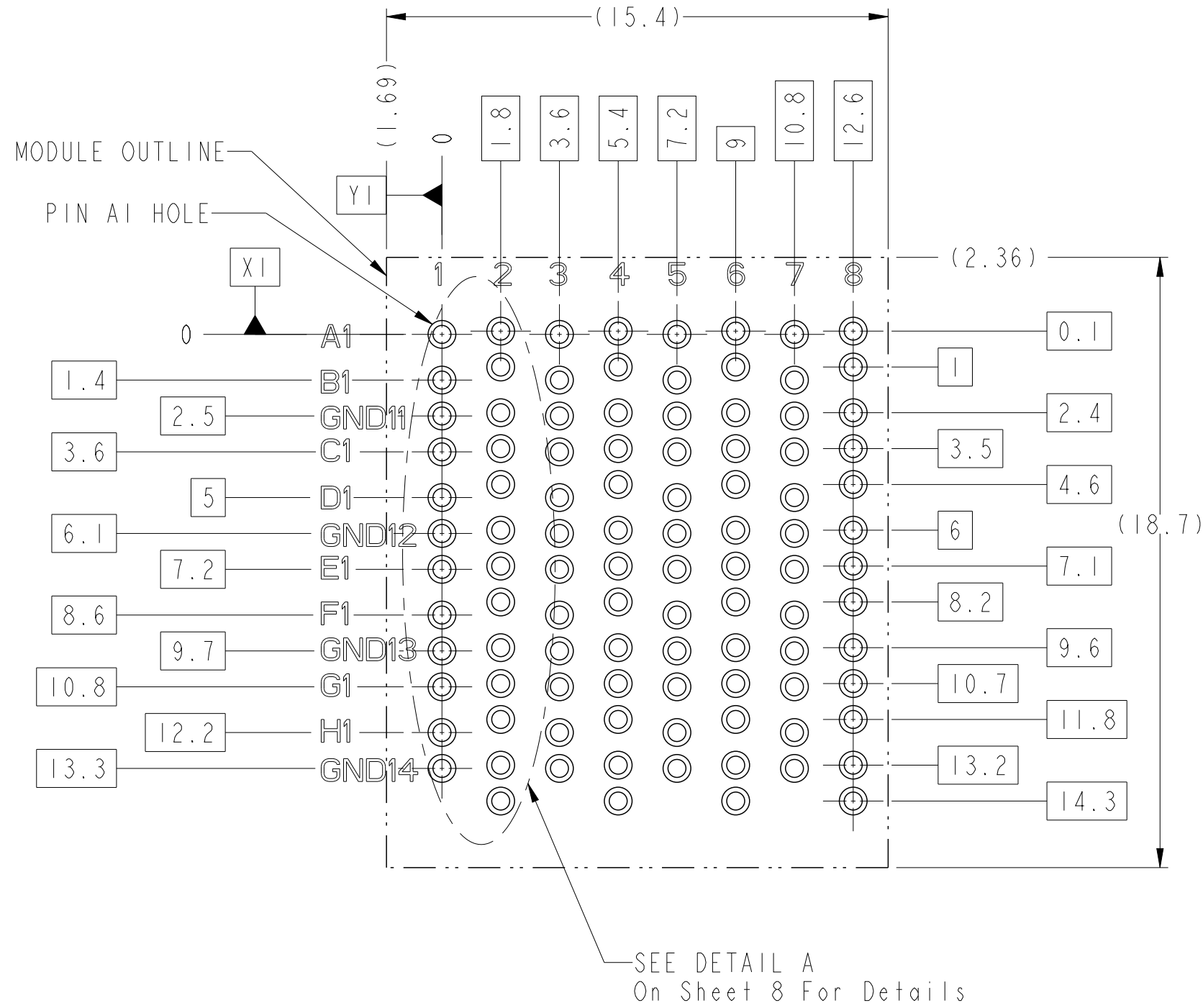
Printed: Mar 17, 2016



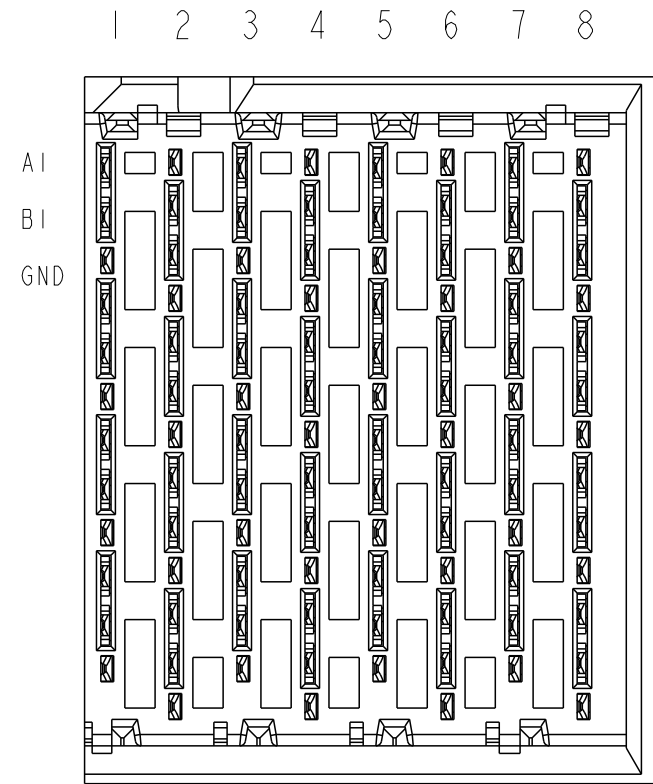
LEFT WALL MODULE



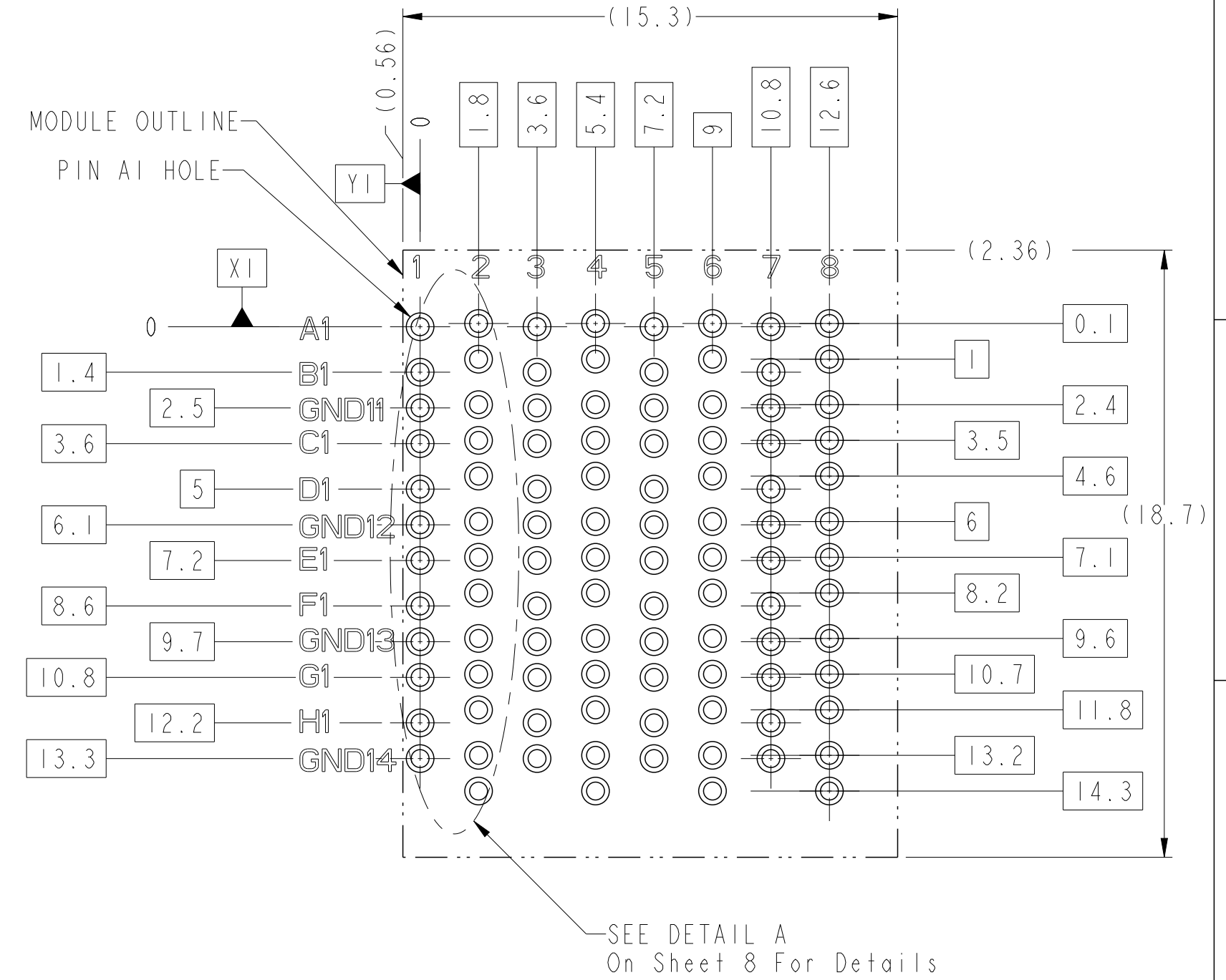
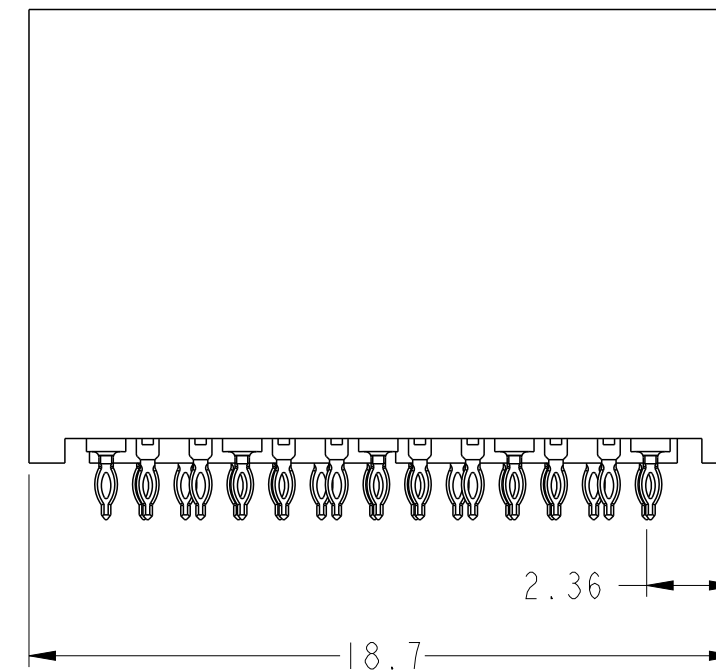
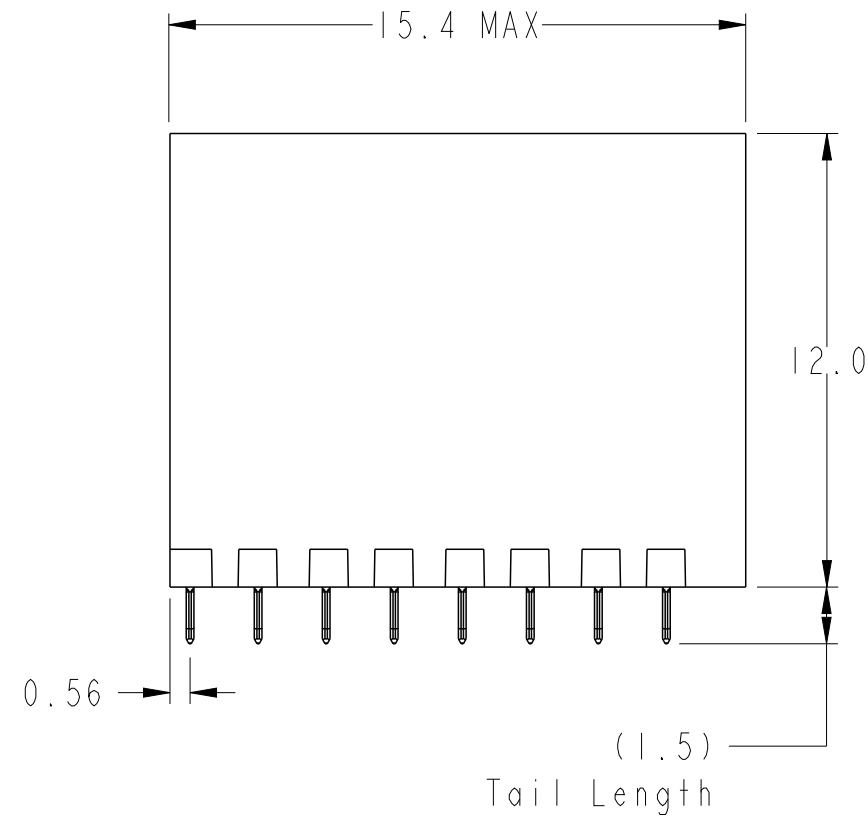
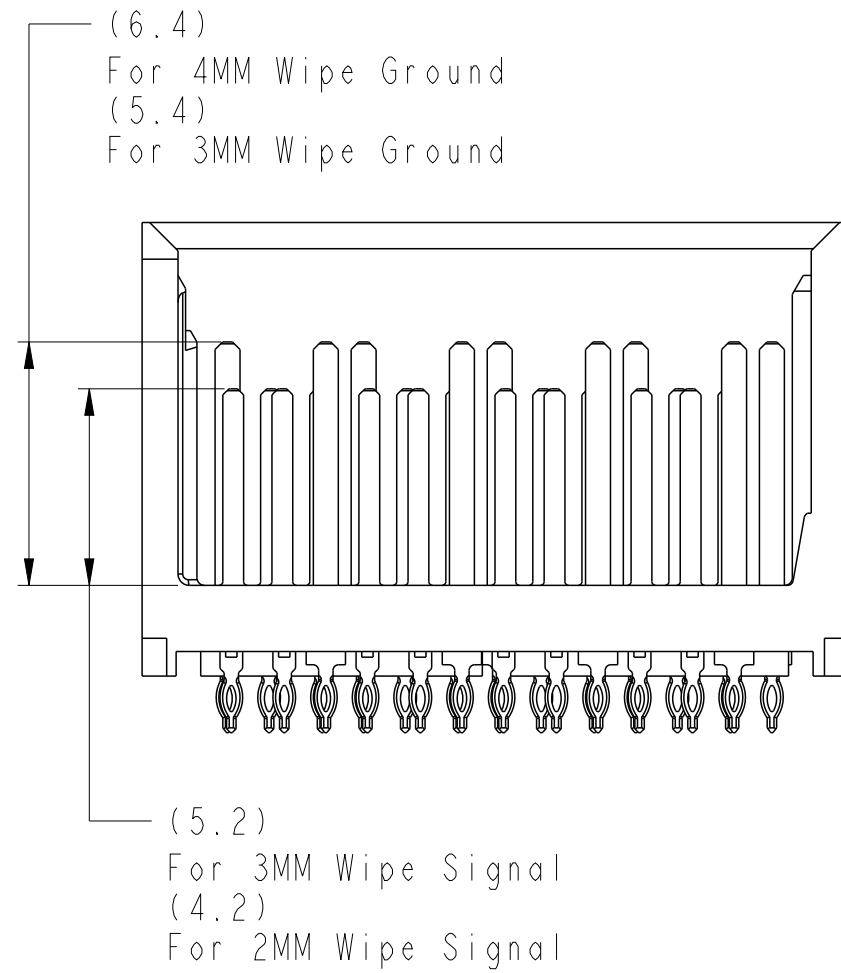
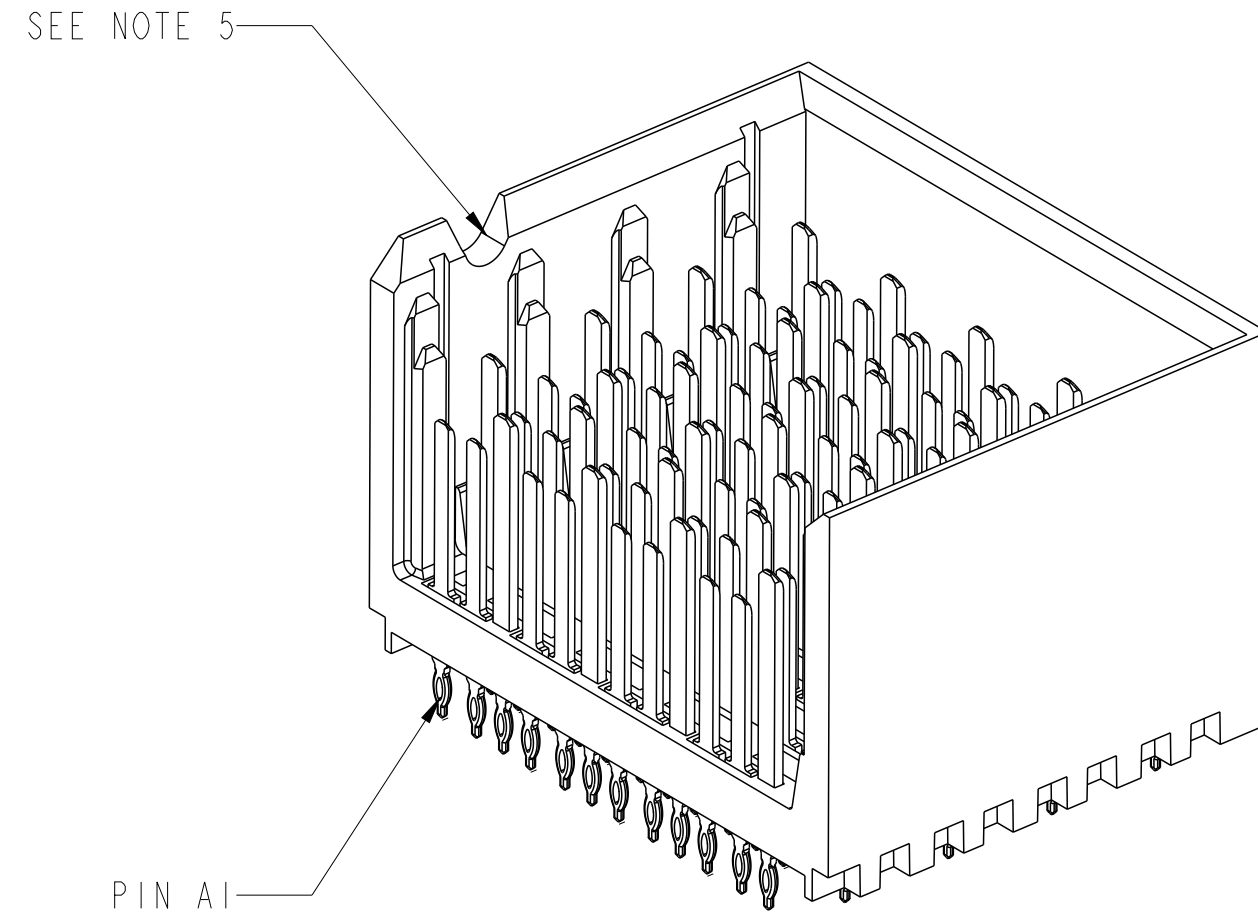
BP HOLE PATTERN COMPONENT SIDE  
LEFT WALL MODULE BACKPLANE FOOTPRINT



|               |                     |        |                                       |            |            |                                |        |                                                               |           |                        |
|---------------|---------------------|--------|---------------------------------------|------------|------------|--------------------------------|--------|---------------------------------------------------------------|-----------|------------------------|
| spec ref      | -                   | dr     | Collins Lu                            | 2011/07/27 | projection | mm                             | size   | A2                                                            | scale     | 1:1                    |
| tolerance std | ISO 406<br>ISO 1101 | eng    | Sandar Soe                            | 2016/03/07 | chr        | -                              | ecn no | ELX-S-17624-1                                                 | rel level | Released               |
| surface       | ISO 1302            | linear | 0.X ±0.3<br>0.XX ±0.10<br>0.XXX ±0.05 | angular    | 0° ±2°     | Amphenol<br>FCi<br>www.fci.com | title  | MODULE ASSEMBLY, XCEDE HD<br>Veritcal Header, 4 Pair 8 Column | cat. no.  | Product - Customer Drw |
|               |                     |        |                                       |            |            |                                |        |                                                               |           | sheet 3 of 8           |

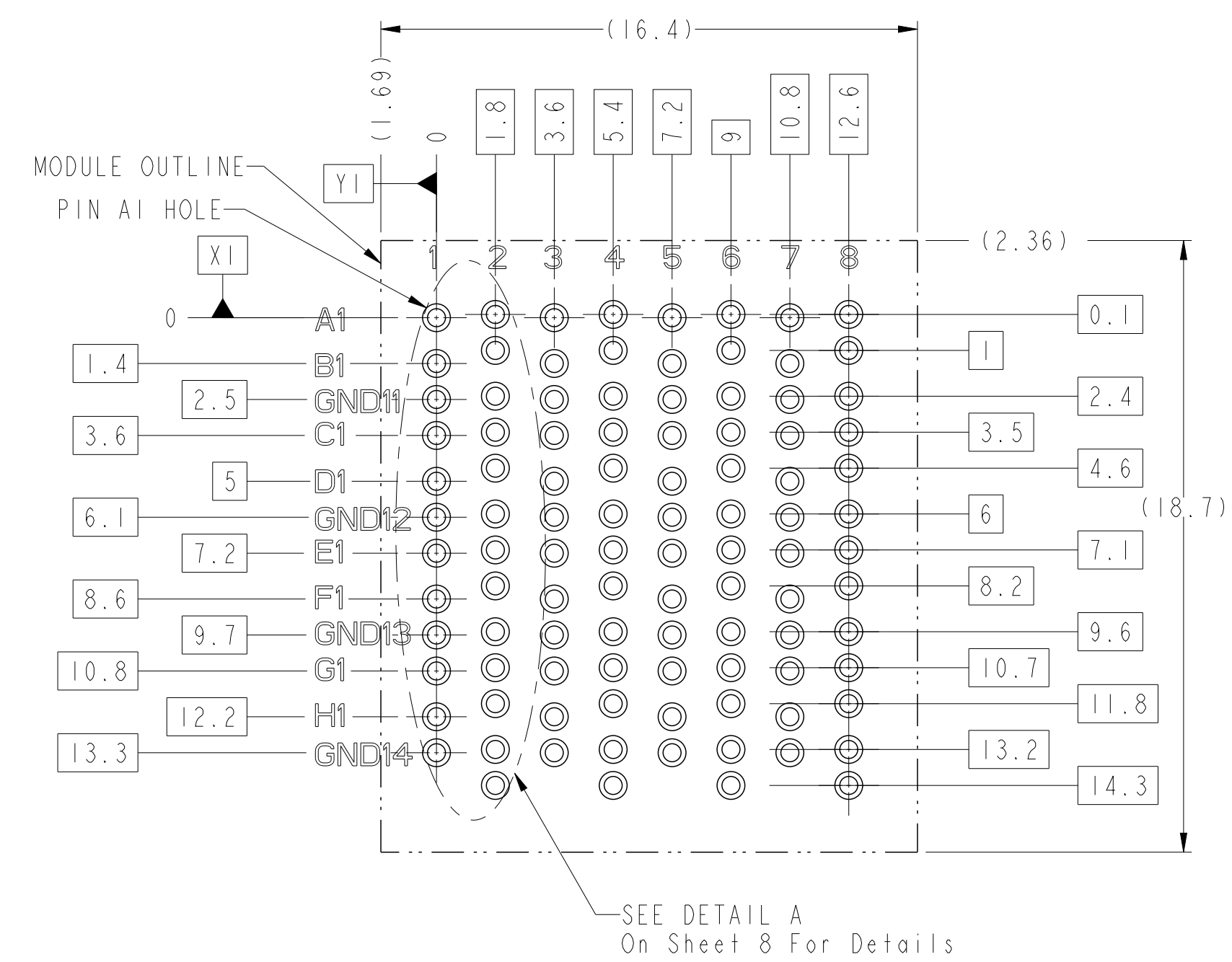
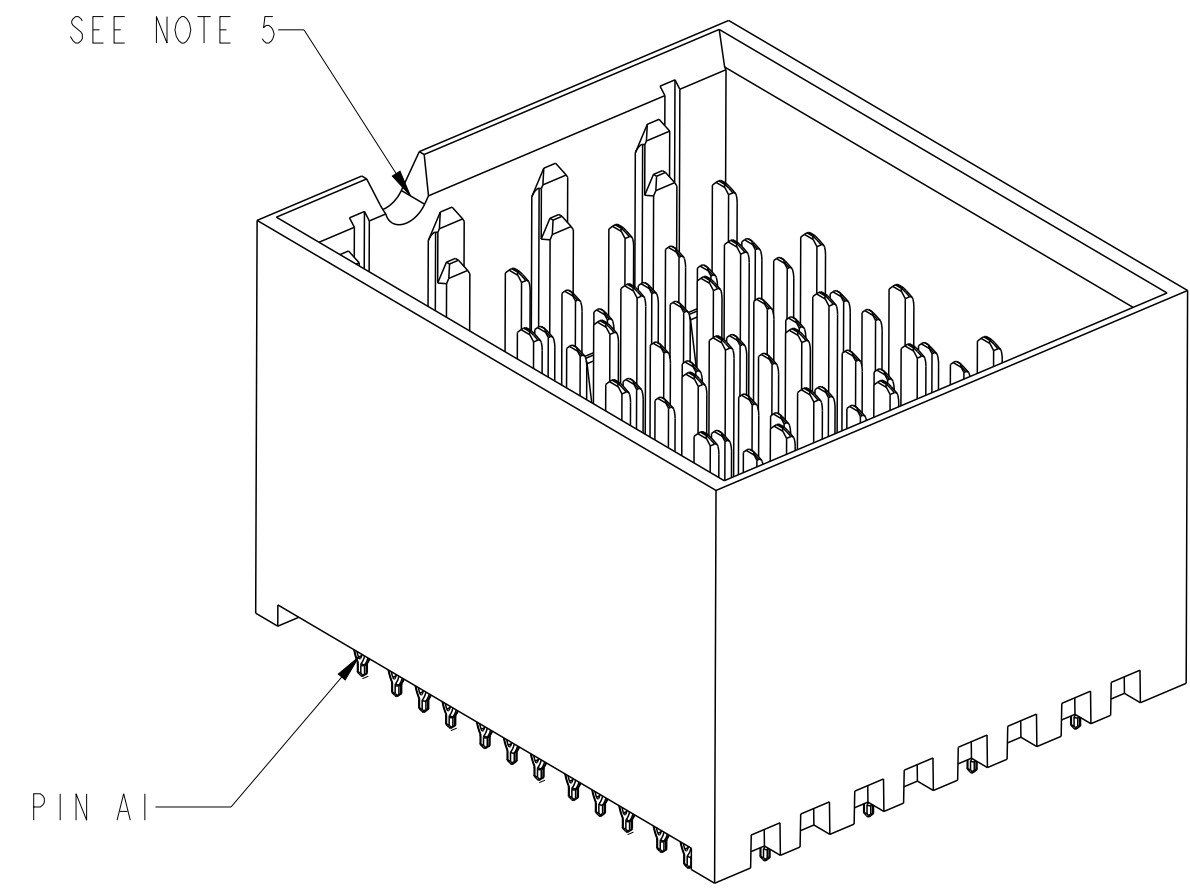
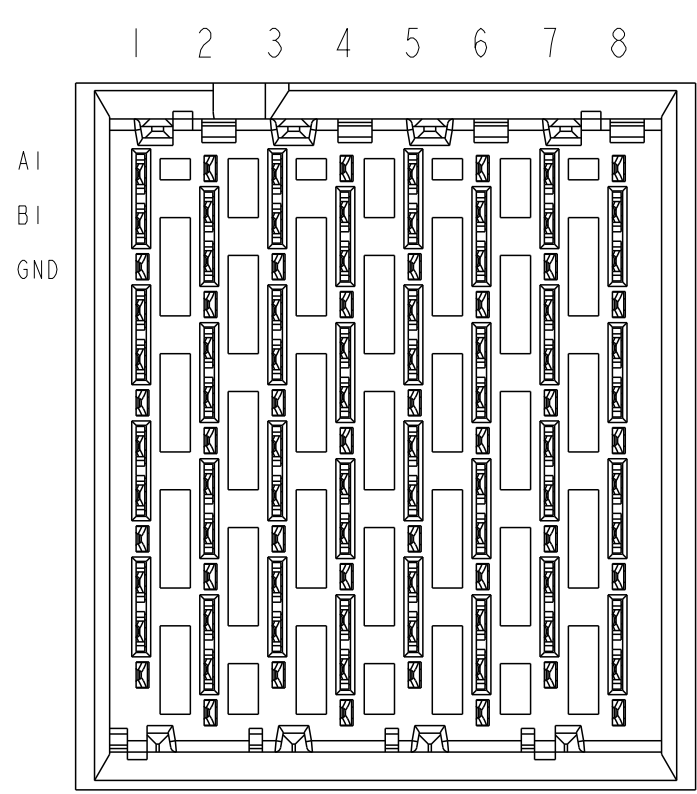


RIGHT WALL MODULE



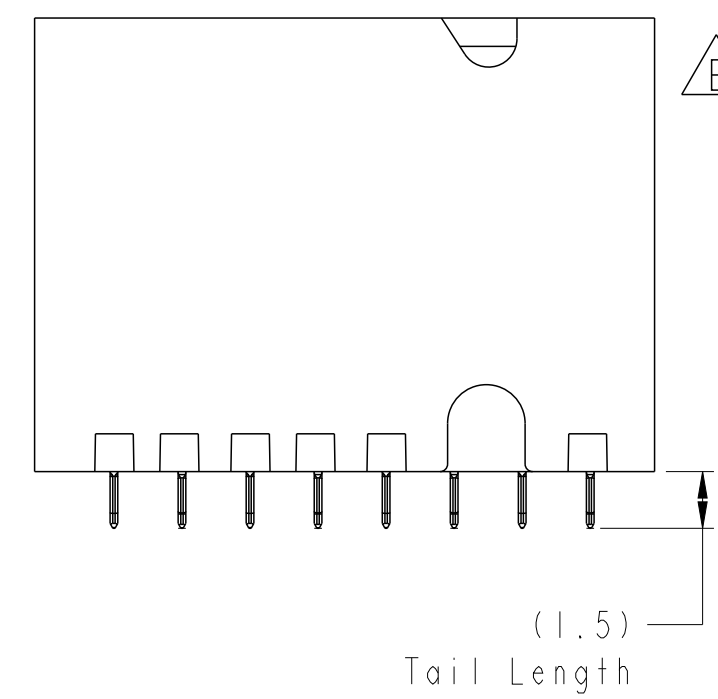
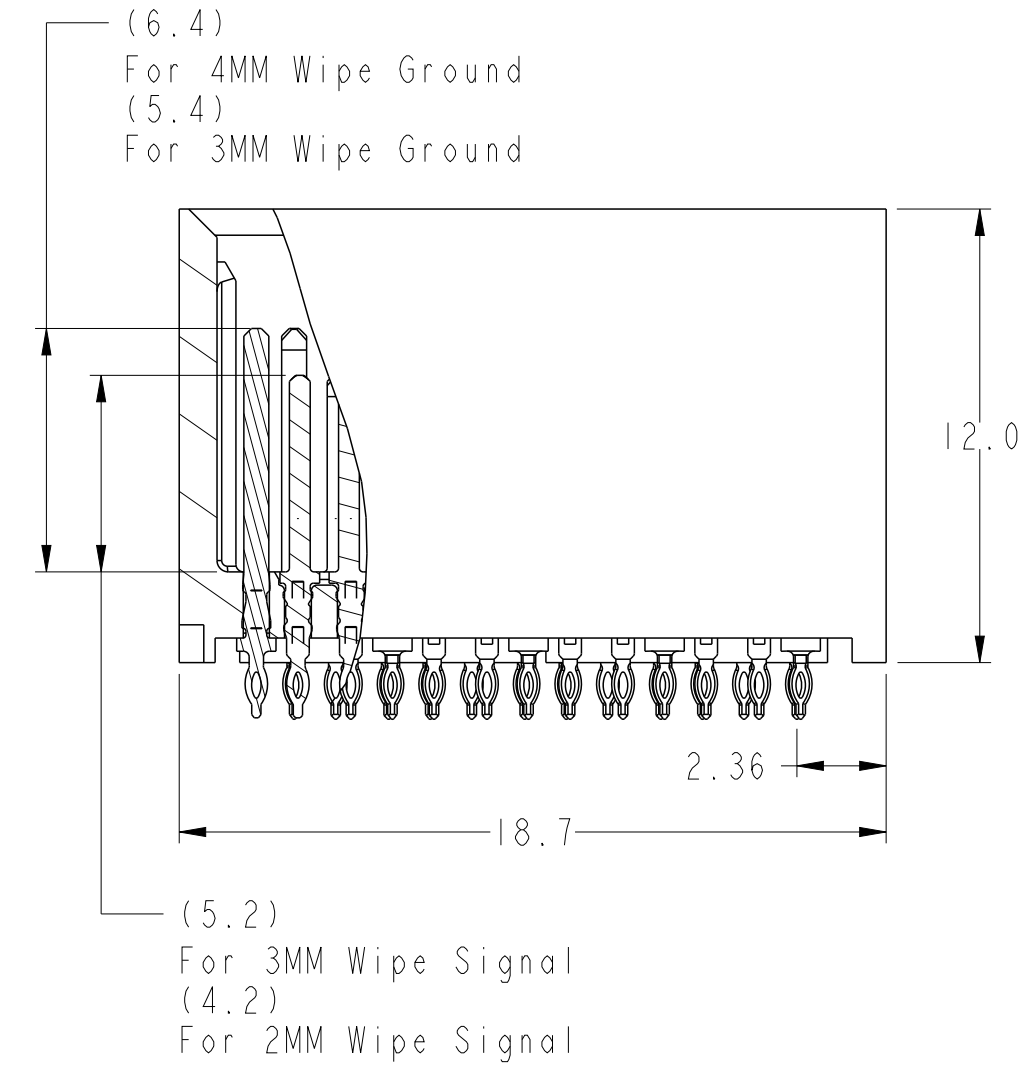
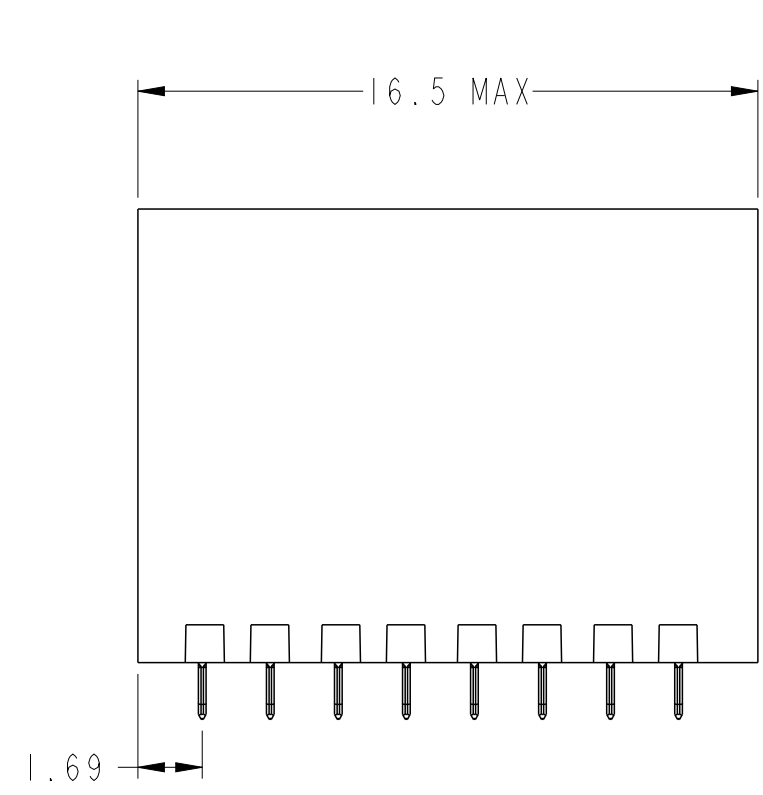
RIGHT WALL MODULE BACKPLANE FOOTPRINT

|                                       |                     |              |               |             |                |                                  |          |                       |                        |              |
|---------------------------------------|---------------------|--------------|---------------|-------------|----------------|----------------------------------|----------|-----------------------|------------------------|--------------|
| spec ref                              | -                   | dr           | Collins Lu    | 2011/07/27  | projection     | mm                               | size     | A2                    | scale                  | 1:1          |
| tolerance std                         | ISO 406<br>ISO 1101 | eng          | Sandar Soe    | 2016/03/07  | chr            | -                                | ecn no   | ELX-S-17624-1         | rel level              | Released     |
| surface                               | ISO 1302            | appr         | Chen-Hong Tan | 2016/03/17  | product family | -                                | cat. no. | -                     | Product - Customer Drw | sheet 4 of 8 |
| TOLERANCES UNLESS OTHERWISE SPECIFIED |                     | Amphenol FCI |               | title       |                | MODULE ASSEMBLY, XCEDE HD        |          | dwg no                |                        | 10115091     |
| linear                                |                     | 0.X          |               | ±0.3        |                | Veritcal Header, 4 Pair 8 Column |          | rev                   |                        | E            |
| 0.XX                                  |                     | ±0.10        |               | www.fci.com |                | cat. no.                         |          | -                     |                        |              |
| 0.XXX                                 |                     | ±0.05        |               | PDS: Rev :E |                | STATUS:Released                  |          | Printed: Mar 17, 2016 |                        |              |
| angular                               |                     | 0°           |               | ±2°         |                |                                  |          |                       |                        |              |



FOUR WALL MODULE

FOUR WALL MODULE BACKPLANE FOOTPRINT



BP HOLE PATTERN COMPONENT SIDE

|               |                                       |              |               |                                                               |                |          |          |               |                        |              |
|---------------|---------------------------------------|--------------|---------------|---------------------------------------------------------------|----------------|----------|----------|---------------|------------------------|--------------|
| spec ref      | -                                     | dr           | Collins Lu    | 2011/07/27                                                    | projection     | mm       | size     | A2            | scale                  | 1:1          |
| tolerance std | ISO 406<br>ISO 1101                   | eng          | Sandar Soe    | 2016/03/07                                                    | chr            | -        | ecn no   | ELX-S-17624-1 | rel level              | Released     |
| surface       | ISO 1302                              | appr         | Chen-Hong Tan | 2016/03/17                                                    | product family | -        | cat. no. | -             | Product - Customer Drw | sheet 5 of 8 |
| linear        | 0.X ±0.3<br>0.XX ±0.10<br>0.XXX ±0.05 | Amphenol FCI | title         | MODULE ASSEMBLY, XCEDE HD<br>Veritcal Header, 4 Pair 8 Column | dwg no         | 10115091 | rev      | E             |                        |              |
| angular       | 0° ±2°                                | www.fci.com  |               |                                                               |                |          |          |               |                        |              |

# LEFT POLARIZING/GUIDE MODULE

Optional Key See Sheet 1  
Part Number Tree

SEE NOTE 5

SEE NOTE 11 & TABLE 1

PIN A1 HOLE

MODULE OUTLINE

Y1

A1

B1

GND11

C1

D1

GND12

E1

F1

GND13

G1

H1

GND14

I

J

K

L

M

N

O

P

Q

R

S

T

U

V

W

X

Y

Z

AA

AB

AC

AD

AE

AF

AG

AH

AI

AJ

AK

AL

AM

AN

AO

AP

AQ

AR

AS

AT

AU

AV

AW

AX

AY

AZ

BA

BB

BC

BD

BE

BF

BG

BH

BI

BJ

BK

BL

BM

BN

BO

BP

BQ

BR

BS

BT

BU

BV

BW

BX

BY

BZ

CA

CB

CC

CD

CE

CF

CG

CH

CI

CJ

CK

CL

CM

CN

CO

CP

CQ

CR

CS

CT

CU

CV

CW

CX

CY

CZ

DA

DB

DC

DD

DE

DF

DG

DH

DI

DJ

DK

DL

DM

DN

DO

DP

DQ

DR

DS

DT

DU

DV

DW

DX

DY

DZ

EA

EB

EC

ED

EE

EF

EG

EH

EI

EJ

EK

EL

EN

EO

EP

EQ

ER

ES

ET

EU

EV

EW

EX

EY

EZ

FA

FB

FC

FD

FE

FF

FG

FH

FI

FJ

FK

FL

FN

FO

FP

FQ

FR

FS

FT

FU

FV

FW

FX

FY

FZ

GA

GB

GC

GD

GE

GF

GG

GH

GI

GJ

GK

GL

GN

GO

GP

GQ

GR

GS

GT

GU

GV

GW

GX

GY

GZ

HA

HB

HC

HD

HE

HF

HG

HH

HI

HJ

HK

HL

HN

HO

HP

HQ

HR

HS

HT

HU

HV

HW

HX

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IU

IV

IW

IX

IY

IZ

JA

JB

JC

JD

JE

JF

JG

JH

JI

JJ

JK

JL

JN

JO

JP

JQ

JR

JS

JT

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KB

KC

KD

KE

KF

KG

KH

KI

KJ

KL

KN

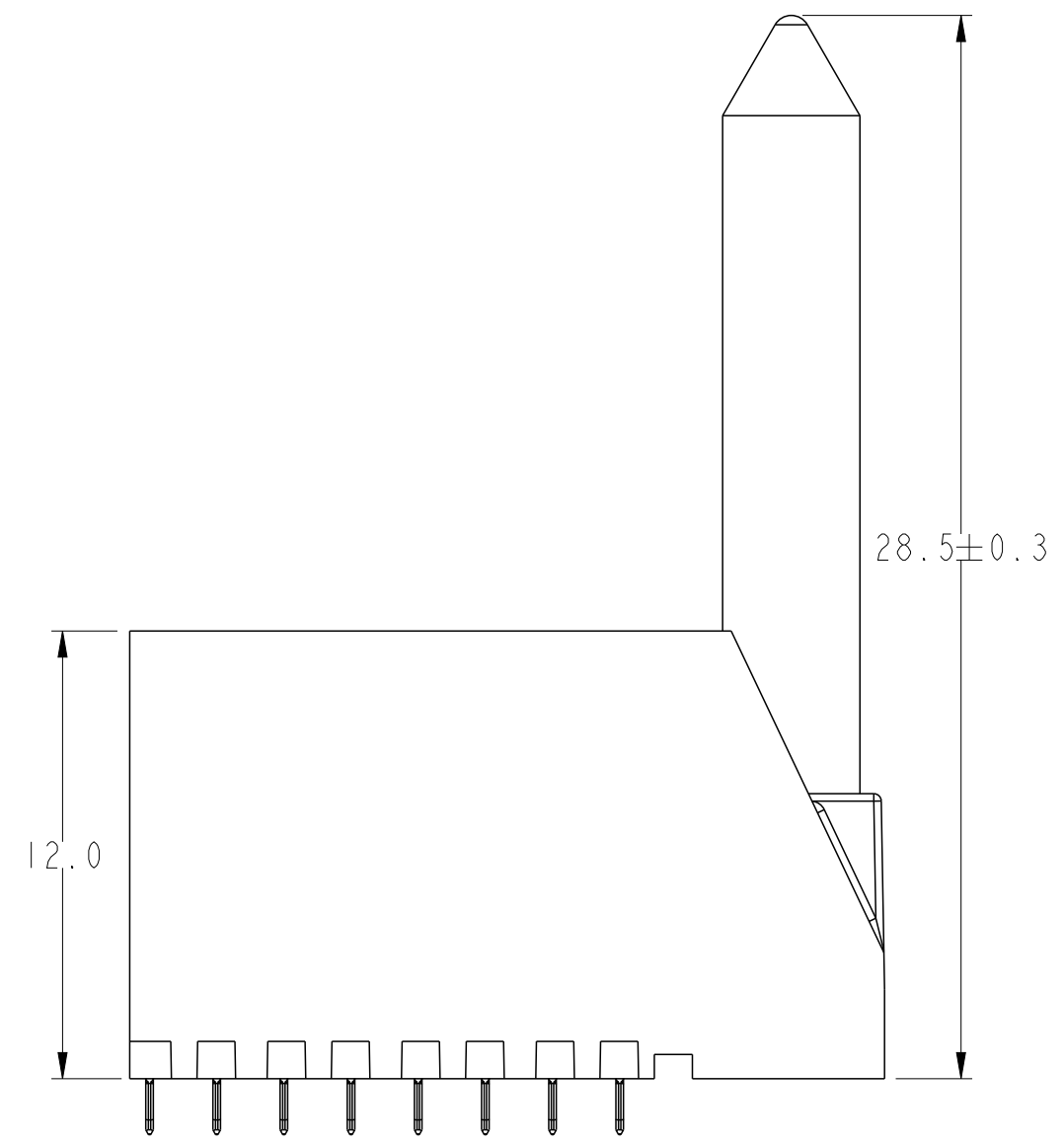
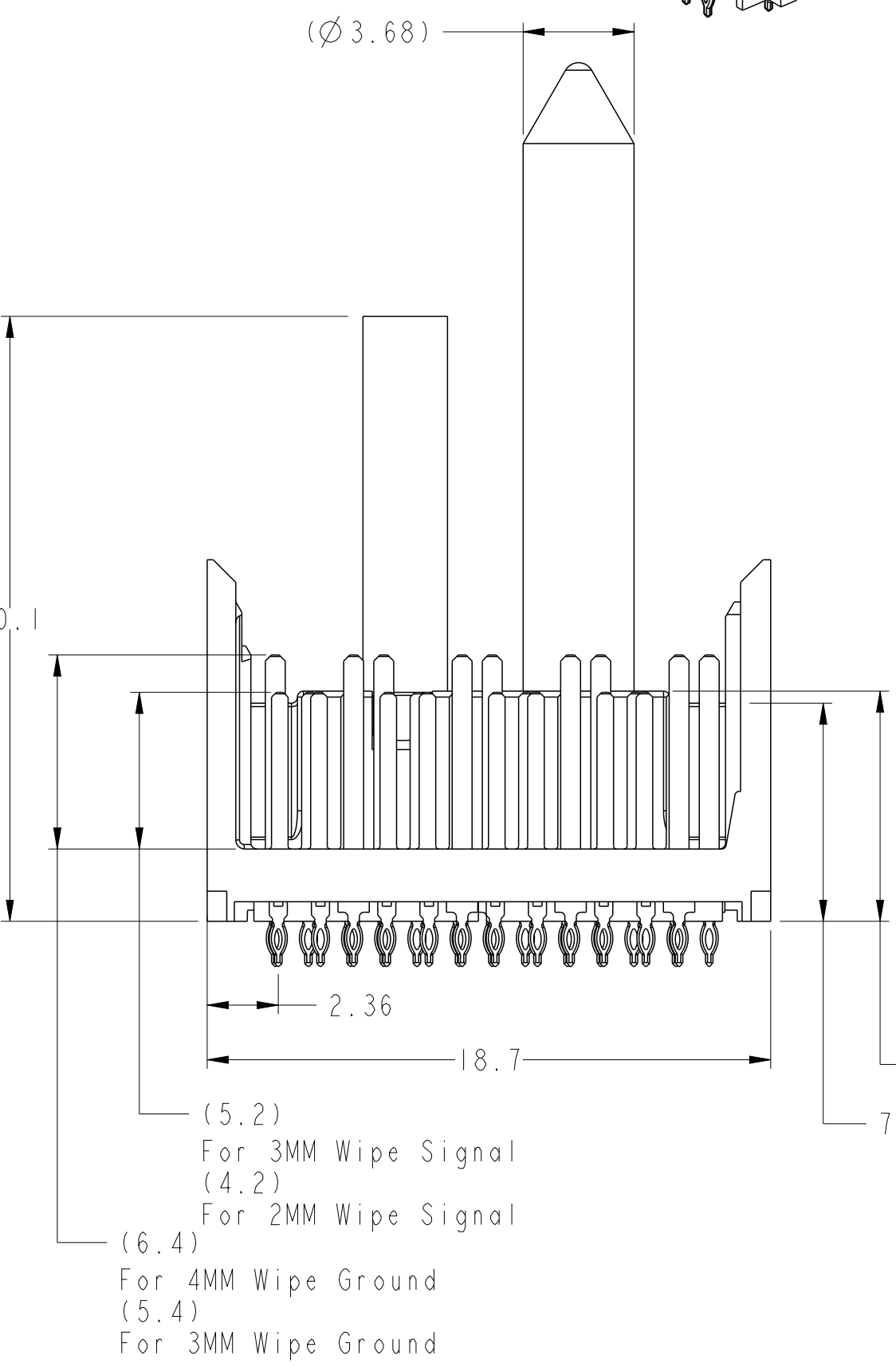
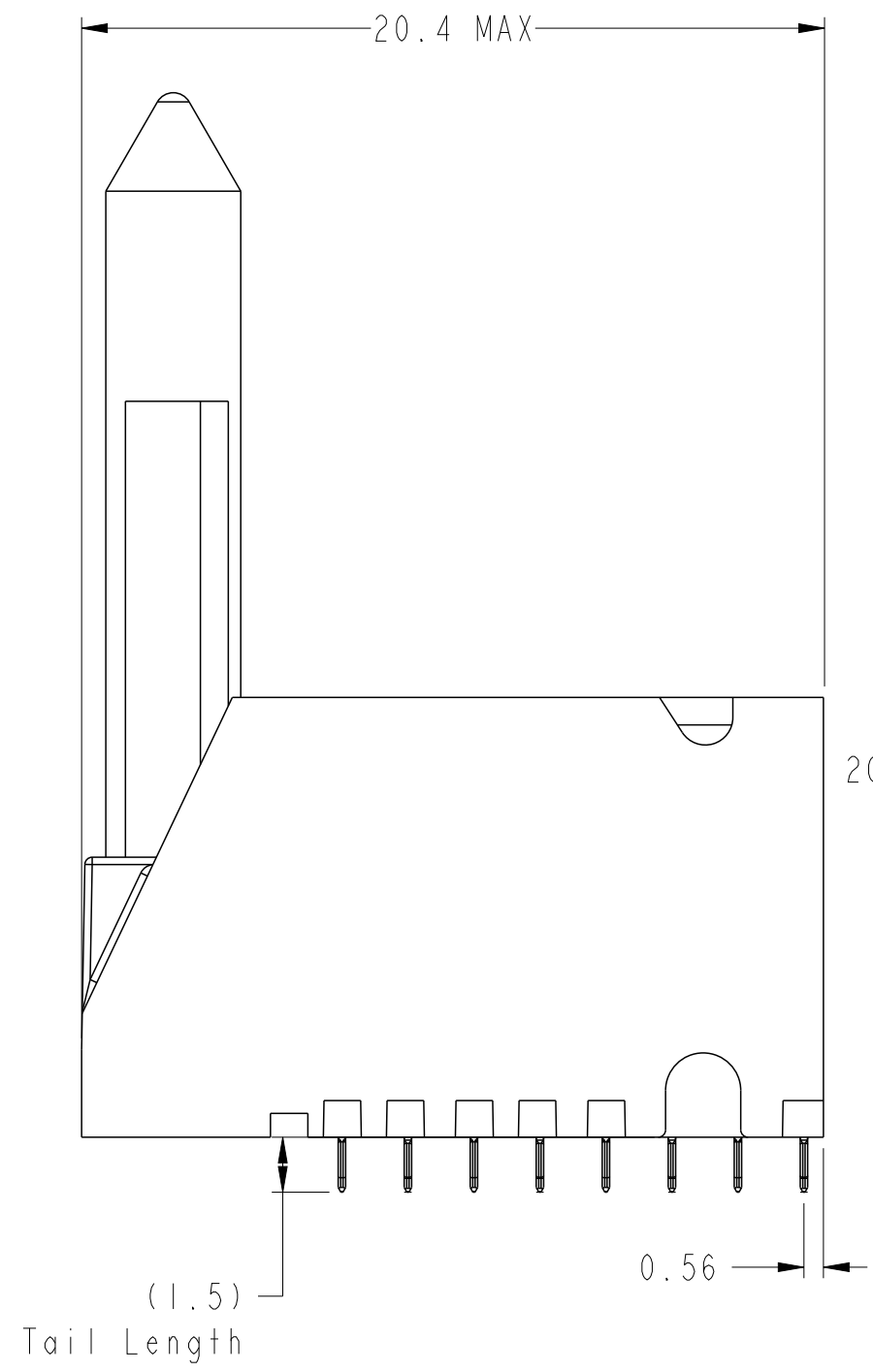
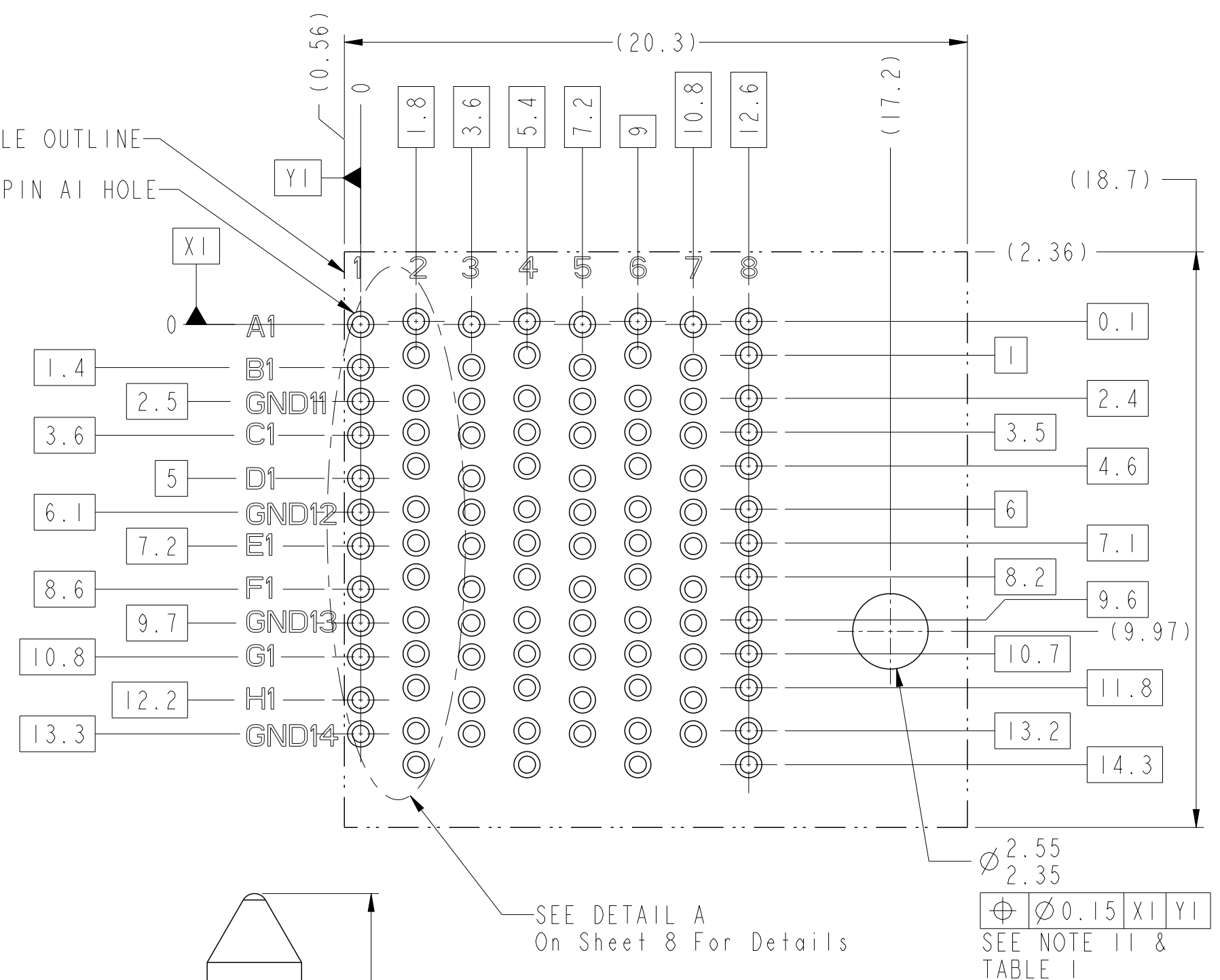
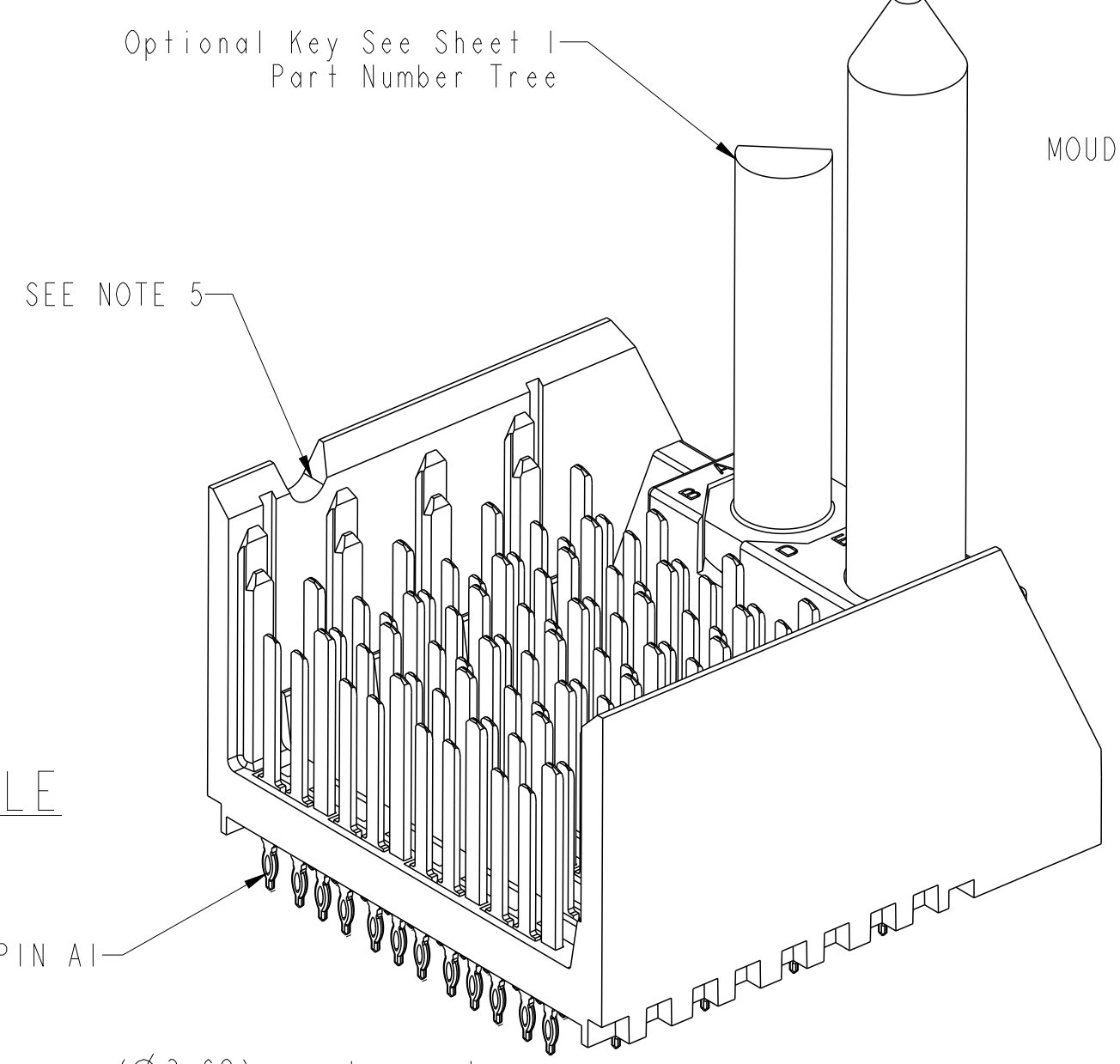
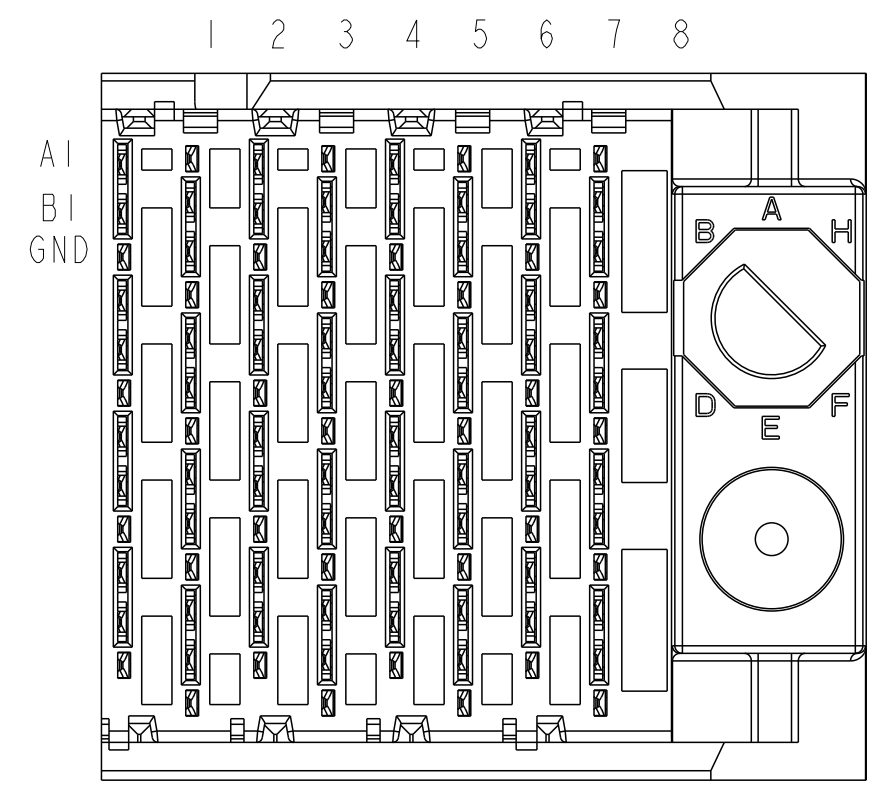
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KP

KQ

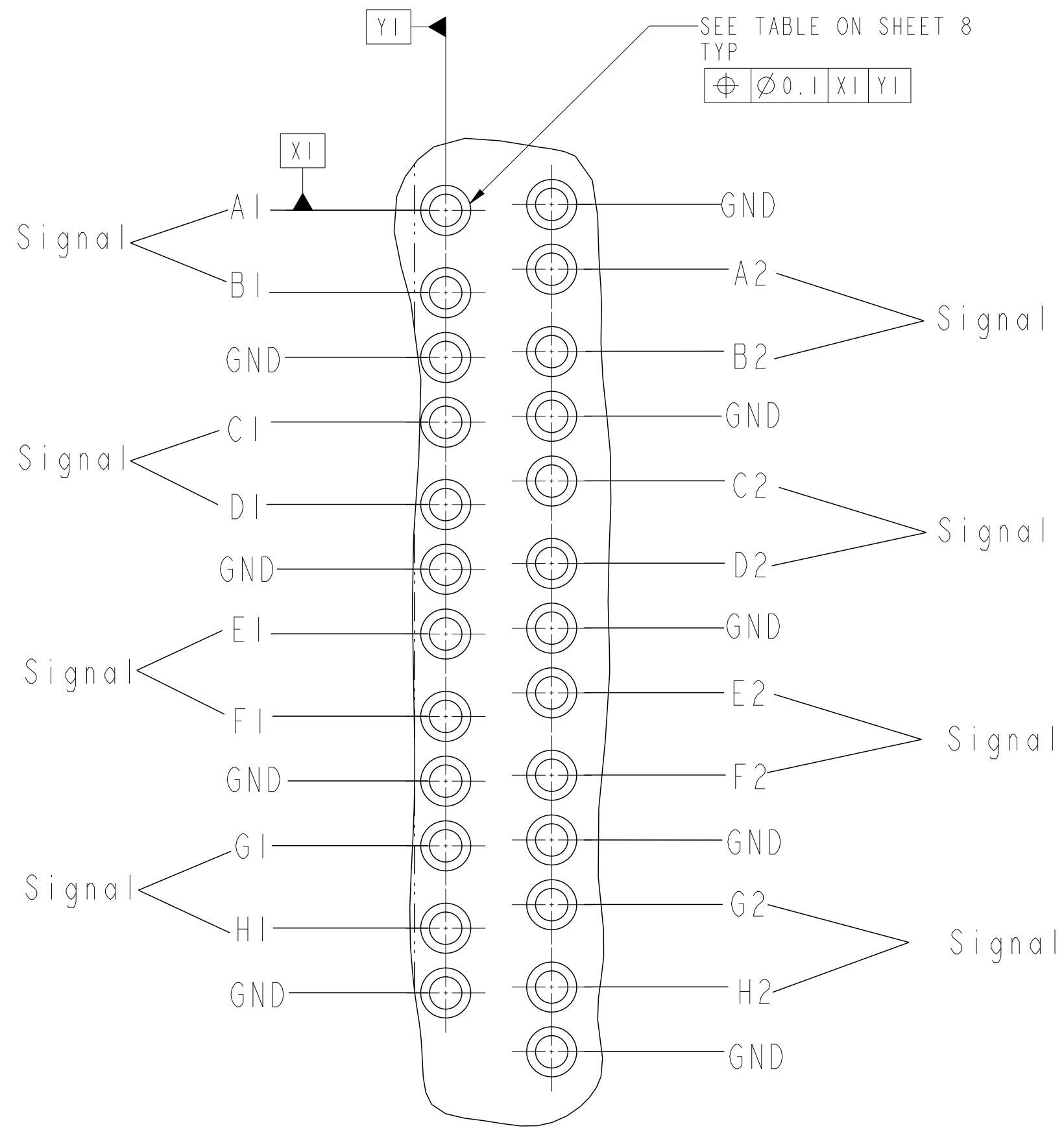
KR

KS



BP HOLE PATTERN COMPONENT SIDE  
RIGHT POLAIZING/GUIDE MODULE  
BACKPLANE FOOTPRINT

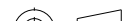
|               |                                       |         |               |            |                                                               |        |          |                        |              |          |
|---------------|---------------------------------------|---------|---------------|------------|---------------------------------------------------------------|--------|----------|------------------------|--------------|----------|
| spec ref      | -                                     | dr      | Collins Lu    | 2011/07/27 | projection                                                    | mm     | size     | A2                     | scale        | 1:1      |
| tolerance std | ISO 406<br>ISO 1101                   | eng     | Sandar Soe    | 2016/03/07 | chr                                                           | -      | ecn no   | ELX-S-17624-1          | rel level    | Released |
| surface       | ISO 1302                              | appr    | Chen-Hong Tan | 2016/03/17 | product family                                                | -      | cat. no. | 10115091               | rev          | E        |
| linear        | 0.X ±0.3<br>0.XX ±0.10<br>0.XXX ±0.05 | angular | 0° ±2°        | title      | MODULE ASSEMBLY, XCEDE HD<br>Veritcal Header, 4 Pair 8 Column | dwg no | 10115091 | Product - Customer Drw | sheet 7 of 8 |          |



| TABLE 3 |                                                    |                                                    |
|---------|----------------------------------------------------|----------------------------------------------------|
|         | COMPLIANT PIN<br>DRILL $\varnothing 0.55[0.0217"]$ | COMPLIANT PIN<br>DRILL $\varnothing 0.45[0.0177"]$ |
| PTH     | $\varnothing 0.45\pm 0.05$                         | $\varnothing 0.36\pm 0.05$                         |
| DRILL   | $\varnothing 0.55 [0.0217"]$                       | $\varnothing 0.45 [0.0177"]$                       |
| PAD     | $\varnothing 0.85$                                 | $\varnothing 0.75$                                 |

NOTES:

- CONNECTOR MATERIALS  
SHROUD : HIGH-TEMP POLYMER, COLOR : BLACK, UL94V-0  
CONTACTS : HIGH PREFORMANCE COPPER ALLOY
- PRODUCT SPECIFICATION : GS-12-0936
- APPLICATION SPECIFICATION : GS-20-0348
- PRODUCT MARKING :  
PART NUMBER (10115091-XOE-XXXLF)  
"FCI" AND DATE CODE (FCI P#####)
- NOTCH DESIGNATES "ROW A" SIDE OF CONNECTOR. NOTCH FEATURE ON OPPOSITE FOR PRODUCT MARKING.
- PLATING THICKNESS OF SIGNAL & GROUND CONTACT ARE DETERMINED BY PLATING CODE, REFER TO P/N TREE ON SHEET 1.
- PACKAGING MEETS GS-14-920 LEAD-FREE LABELING SPECIFICATION.
- GUIDE-PIN STYLE DESIGNATION ONLY APPLIES TO MODULE VERSIONS THAT REQUIRE GUIDE-PIN HARDWARE. FOR ALL NON-GUIDE-PIN VERSIONS, THE DEFAULT DASH-NUMBER DIGIT IN THAT LOCATION IS STILL '0'.
- SEE APPLICATION SPECIFICATION FOR ROUTING GUIDELINES, ADDITIONAL PTH GUIDELINES, MATED DIMENSIONS, GUIDE PIN SELECTION, ETC.
- A  $\triangle$  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW OR NOTE THAT HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.
- OPTIONAL HOLE LOCATION FOR GROUNDED PIN OR ADDITIONAL GUIDE-PIN SUPPORT. SEE TABLE 1 SHEET 1 FOR ADDITIONAL DETAILS.
- SCREW IS OPTIONAL AND ENGAGES WITH BOTTOM OF GUIDE PIN FROM BENEATH THE PCB FOR ADDITIONAL GUIDE-PIN SUPPORT.

|                                       |  |  |  |                    |  |                                 |  |                                                                                       |  |                                                                                       |  |                        |  |           |  |              |  |  |  |
|---------------------------------------|--|--|--|--------------------|--|---------------------------------|--|---------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|------------------------|--|-----------|--|--------------|--|--|--|
| spec ref -                            |  |  |  | dr Collins Lu      |  | 2011/07/27                      |  | projection                                                                            |  | mm                                                                                    |  | size A2                |  | scale 1:1 |  |              |  |  |  |
| tolerance std                         |  |  |  | eng Sandar Soe     |  | 2016/03/07                      |  |  |  |  |  | ecn no ELX-S-17624-1   |  |           |  |              |  |  |  |
| ISO 406                               |  |  |  | chr -              |  | 2016/03/17                      |  |                                                                                       |  |                                                                                       |  |                        |  |           |  |              |  |  |  |
| ISO 1101                              |  |  |  | appr Chen-Hong Tan |  | 2016/03/17                      |  |                                                                                       |  |                                                                                       |  |                        |  |           |  |              |  |  |  |
| TOLERANCES UNLESS OTHERWISE SPECIFIED |  |  |  | Amphenol FCI       |  | title MODULE ASSEMBLY, XCEDE HD |  | dwg no 10115091                                                                       |  | rev E                                                                                 |  | product family         |  |           |  |              |  |  |  |
|                                       |  |  |  |                    |  |                                 |  |                                                                                       |  |                                                                                       |  | rel level Released     |  |           |  |              |  |  |  |
|                                       |  |  |  |                    |  |                                 |  |                                                                                       |  |                                                                                       |  | surface ISO 1302       |  |           |  |              |  |  |  |
|                                       |  |  |  |                    |  |                                 |  |                                                                                       |  |                                                                                       |  | linear                 |  |           |  |              |  |  |  |
|                                       |  |  |  |                    |  |                                 |  |                                                                                       |  |                                                                                       |  | angular                |  |           |  |              |  |  |  |
| 0.X ±0.3                              |  |  |  | www.fci.com        |  |                                 |  | cat. no. -                                                                            |  |                                                                                       |  | Product - Customer Drw |  |           |  | sheet 8 of 8 |  |  |  |
| 0.XX ±0.10                            |  |  |  |                    |  |                                 |  |                                                                                       |  |                                                                                       |  |                        |  |           |  |              |  |  |  |
| 0.XXX ±0.05                           |  |  |  |                    |  |                                 |  |                                                                                       |  |                                                                                       |  |                        |  |           |  |              |  |  |  |
| 0° ±2°                                |  |  |  |                    |  |                                 |  |                                                                                       |  |                                                                                       |  |                        |  |           |  |              |  |  |  |

Компания «Океан Электроники» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Поставка оригинальных импортных электронных компонентов напрямую с производств Америки, Европы и Азии, а так же с крупнейших складов мира;
- Широкая линейка поставок активных и пассивных импортных электронных компонентов (более 30 млн. наименований);
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Компания «Океан Электроники» является официальным дистрибьютором и эксклюзивным представителем в России одного из крупнейших производителей разъемов военного и аэрокосмического назначения «JONHON», а так же официальным дистрибьютором и эксклюзивным представителем в России производителя высокотехнологичных и надежных решений для передачи СВЧ сигналов «FORSTAR».



## JONHON

«JONHON» (основан в 1970 г.)

Разъемы специального, военного и аэрокосмического назначения:

(Применяются в военной, авиационной, аэрокосмической, морской, железнодорожной, горно- и нефтедобывающей отраслях промышленности)

«FORSTAR» (основан в 1998 г.)

ВЧ соединители, коаксиальные кабели,  
кабельные сборки и микроволновые компоненты:

(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).



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