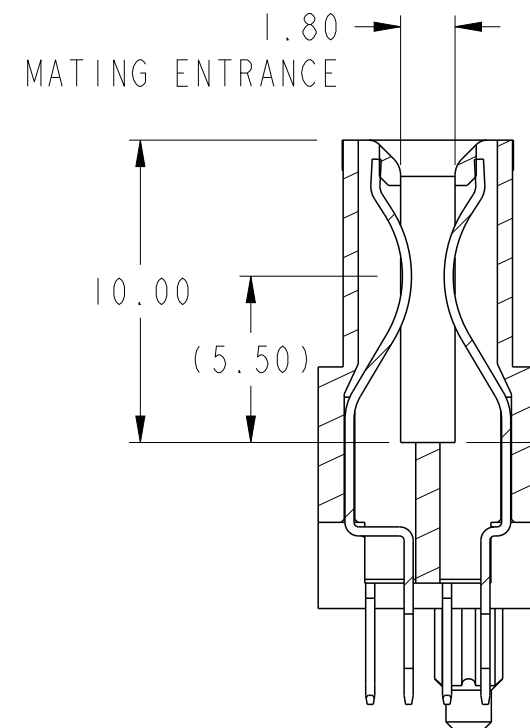
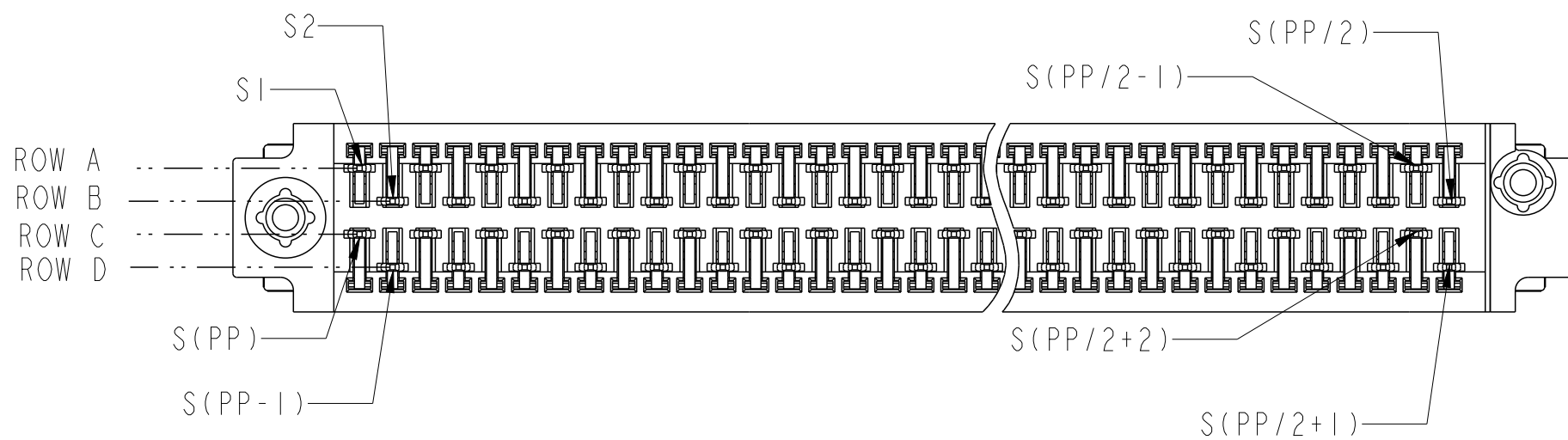
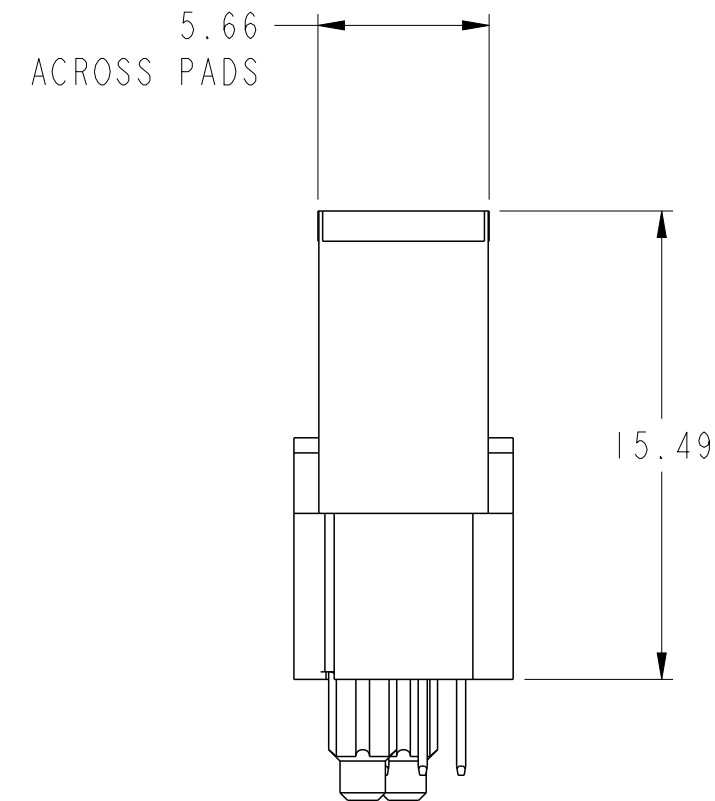
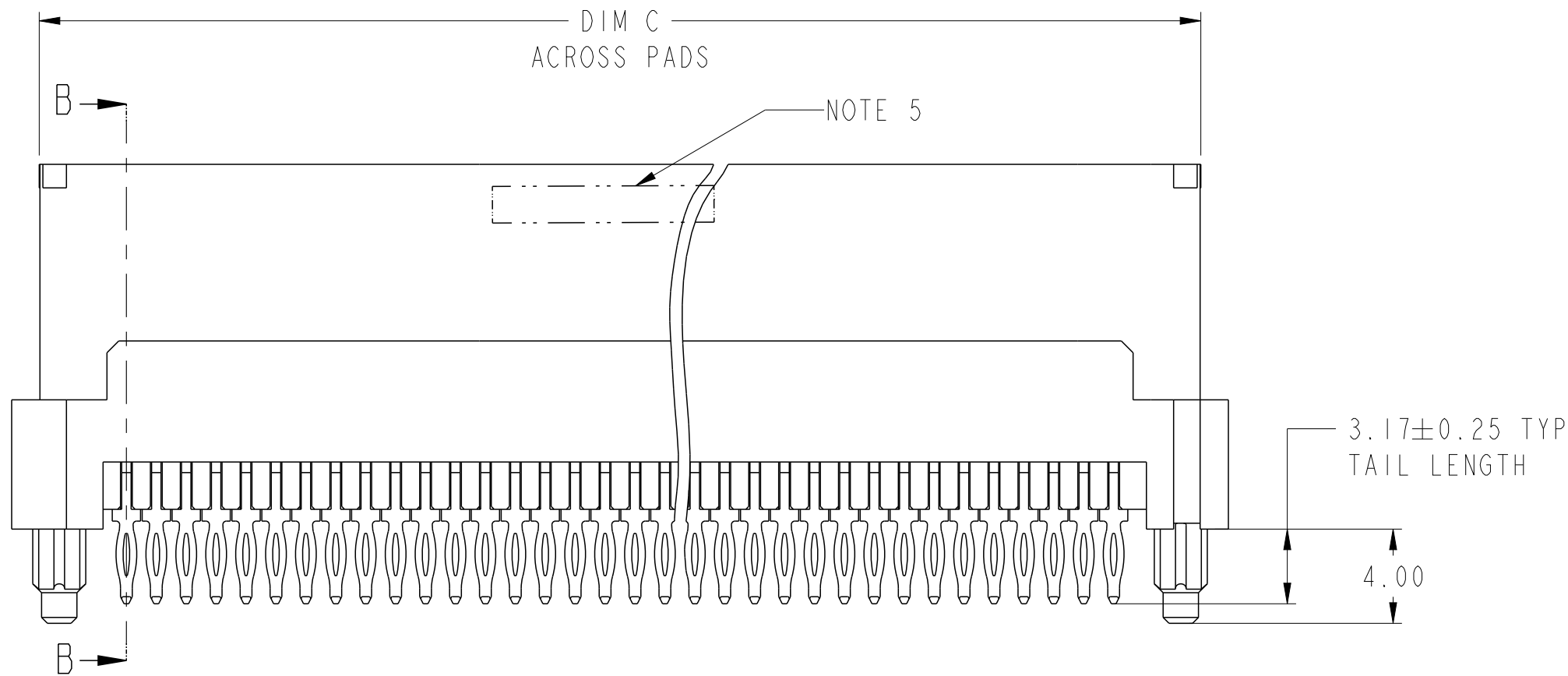
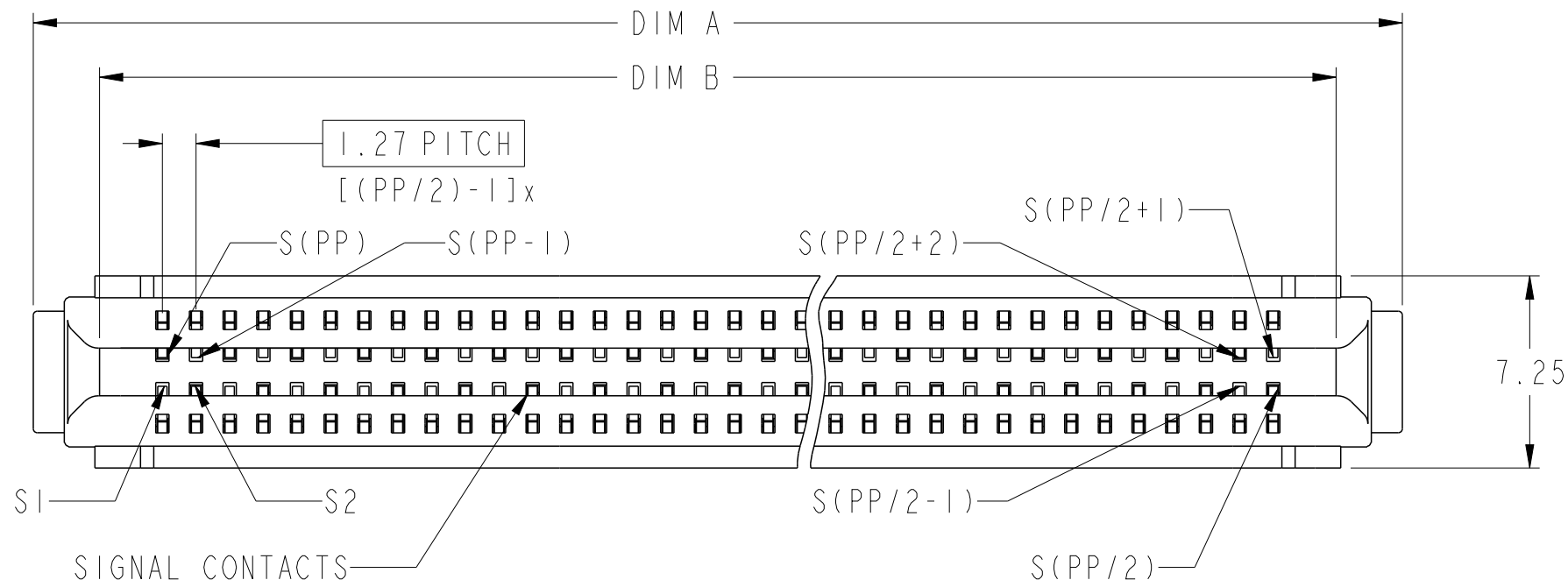
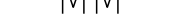


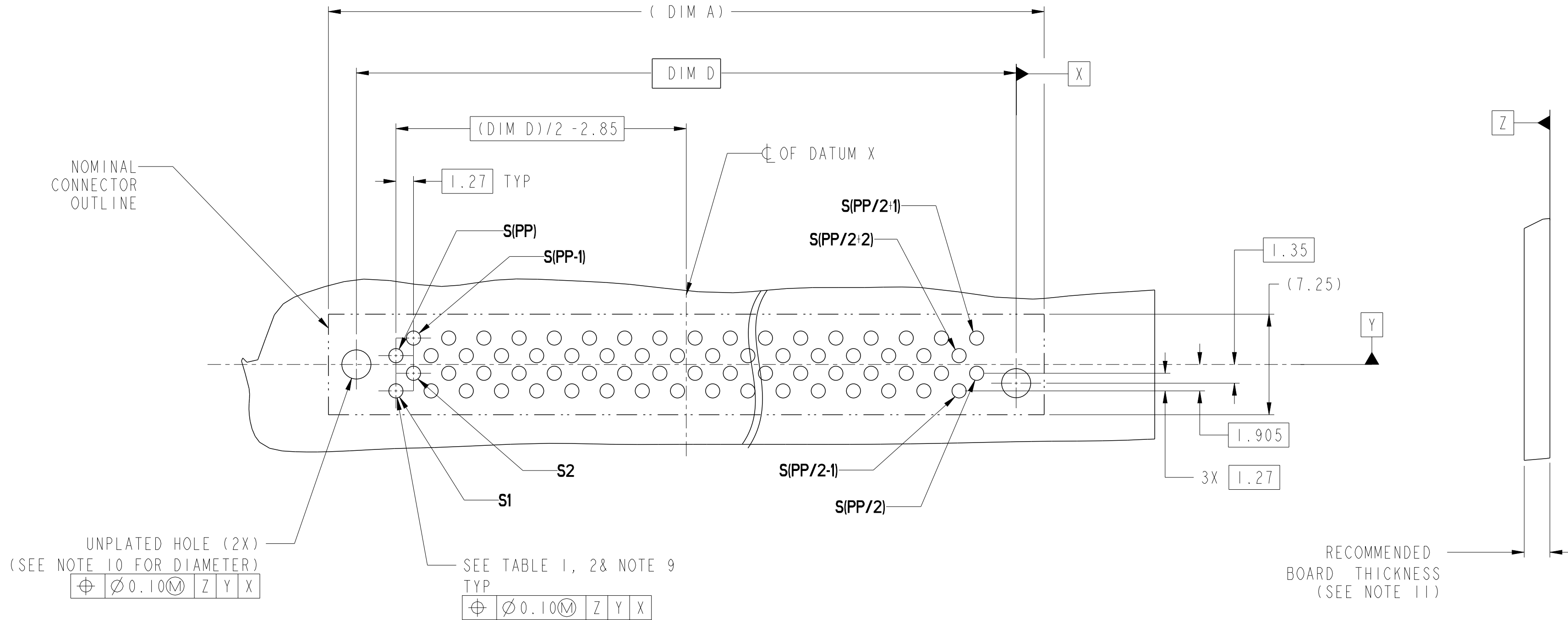


SECTION B-B  
SCALE 4:1

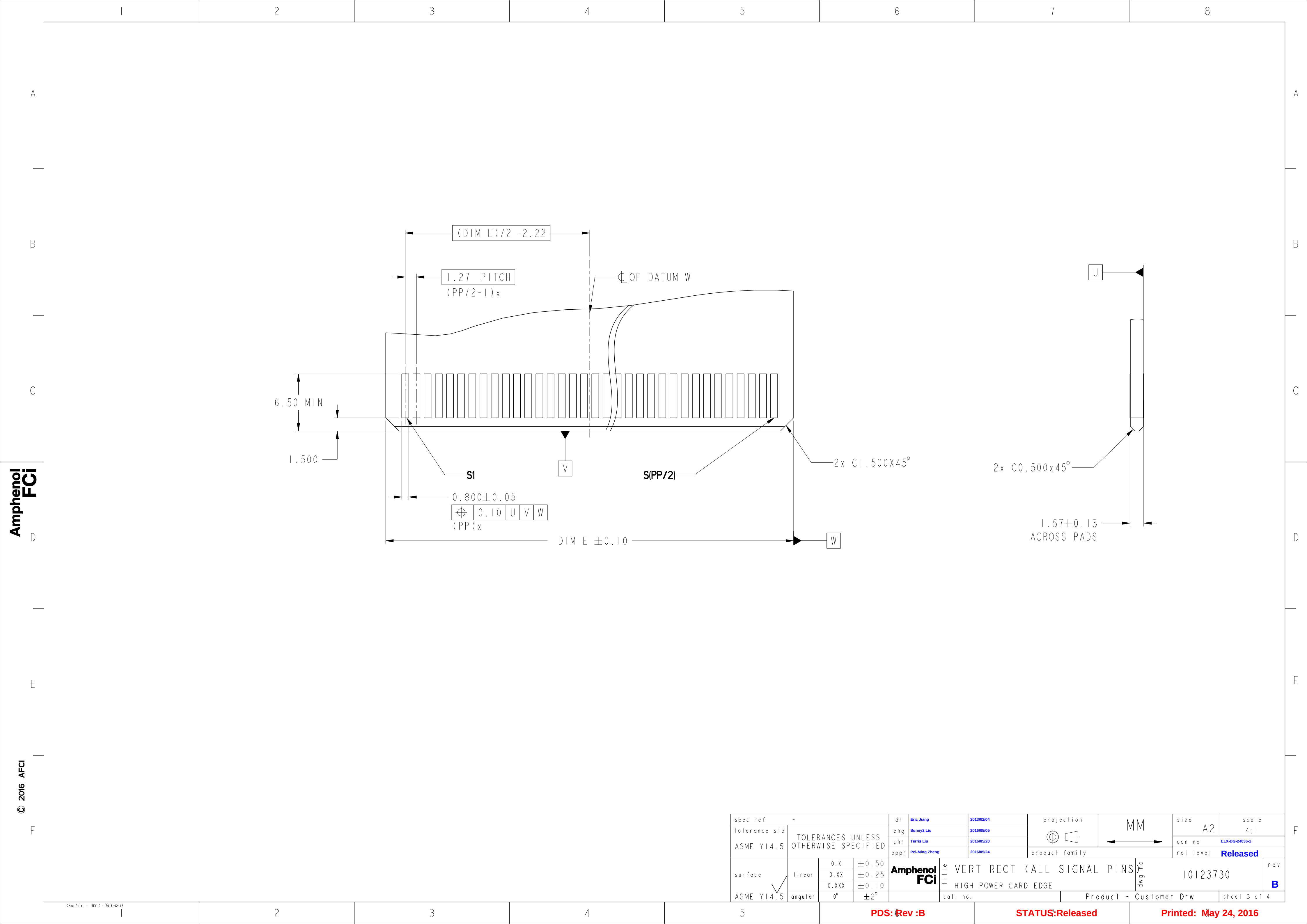
|               |                                                                                                  |        |       |       |                 |                        |                                                                                                                        |                                                                                                                |                |                |          |     |     |   |
|---------------|--------------------------------------------------------------------------------------------------|--------|-------|-------|-----------------|------------------------|------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|----------------|----------------|----------|-----|-----|---|
| spec ref      |                                                                                                  | -      |       | dr    | Eric Jiang      | 2013/02/04             | <div>projection</div> <div></div> | <div>MM</div> <div></div> | size           | A2             | scale    | 4:1 |     |   |
| tolerance std | TOLERANCES UNLESS OTHERWISE SPECIFIED                                                            |        |       | eng   | Sunny2 Liu      | 2016/05/05             |                                                                                                                        |                                                                                                                | ecn no         | ELX-DG-24036-1 |          |     |     |   |
| ASME Y14.5    |                                                                                                  |        |       | chr   | Terris Liu      | 2016/05/20             |                                                                                                                        |                                                                                                                |                | rel level      | Released |     |     |   |
|               |                                                                                                  |        |       | appr  | Pei-Ming Zheng  | 2016/05/24             |                                                                                                                        |                                                                                                                | product family |                |          |     |     |   |
| surface       | <div></div> | linear | 0.X   | ±0.50 | Amphenol<br>FCi | title                  | VERT RECT (ALL SIGNAL PINS)<br>HIGH POWER CARD EDGE                                                                    |                                                                                                                |                | dwg no         | 10123730 |     | rev | B |
|               |                                                                                                  |        | 0.XX  | ±0.25 |                 |                        |                                                                                                                        |                                                                                                                |                |                |          |     |     |   |
|               |                                                                                                  |        | 0.XXX | ±0.10 |                 |                        |                                                                                                                        |                                                                                                                |                |                |          |     |     |   |
| ASME Y14.5    | angular                                                                                          | 0°     | ±2°   |       | cat. no.        | Product - Customer Drw |                                                                                                                        |                                                                                                                | sheet 1 of 4   |                |          |     |     |   |

| CONTACT TYPE   | TOP LAYER DESCRIPTION | TABLE 1 (HPCE / SOLDER TAILS)<br>PLATED THROUGH-HOLE REQUIREMENTS |                  |                    |               |                        |
|----------------|-----------------------|-------------------------------------------------------------------|------------------|--------------------|---------------|------------------------|
|                |                       | DRILLED HOLE DIAMETER                                             | COPPER THICKNESS | TIN-LEAD THICKNESS | TIN THICKNESS | FINISHED HOLE DIAMETER |
| POWER & SIGNAL | TIN-LEAD              | 1.10-1.16 (1.15 DRILL)                                            | 0.025 - 0.050    | 0.005 - 0.015      | --            | 0.94 - 1.10            |
|                | IMMERSION TIN         | 1.10-1.16 (1.15 DRILL)                                            | 0.025 - 0.050    | --                 | 0.9 - 1.5um   | 0.94 - 1.10            |
|                | COPPER (SEE NOTE 8)   | 1.10-1.16 (1.15 DRILL)                                            | 0.025 - 0.050    | --                 | --            | 0.94 - 1.10            |

| CONTACT TYPE   | TOP LAYER DESCRIPTION | TABLE 2 (HPCE / PRESS-FIT TAILS)<br>PLATED THROUGH-HOLE REQUIREMENTS |                  |                    |               |                        |
|----------------|-----------------------|----------------------------------------------------------------------|------------------|--------------------|---------------|------------------------|
|                |                       | DRILLED HOLE DIAMETER                                                | COPPER THICKNESS | TIN-LEAD THICKNESS | TIN THICKNESS | FINISHED HOLE DIAMETER |
| POWER & SIGNAL | TIN-LEAD              | 0.81-0.86 (0.85 DRILL)                                               | 0.025 - 0.050    | 0.005 - 0.015      | --            | 0.65 - 0.80            |
|                | IMMERSION TIN         | 0.81-0.86 (0.85 DRILL)                                               | 0.025 - 0.050    | --                 | 0.9 - 1.5um   | 0.70 - 0.80            |
|                | COPPER (SEE NOTE 8)   | 0.81-0.86 (0.85 DRILL)                                               | 0.025 - 0.050    | --                 | --            | 0.70 - 0.80            |



|               |  |                                       |  |      |  |                |  |              |  |                                                                                       |  |                                                                                       |  |           |  |                |  |       |  |     |  |       |  |       |  |
|---------------|--|---------------------------------------|--|------|--|----------------|--|--------------|--|---------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|-----------|--|----------------|--|-------|--|-----|--|-------|--|-------|--|
| spec ref      |  | -                                     |  | dr   |  | Eric Jiang     |  | 2013/02/04   |  | projection                                                                            |  | MM                                                                                    |  | size      |  | A2             |  | scale |  | 4:1 |  |       |  |       |  |
| tolerance std |  | TOLERANCES UNLESS OTHERWISE SPECIFIED |  | eng  |  | Sunny2 Liu     |  | 2016/05/05   |  |  |  |  |  | ecn no    |  | ELX-DG-24036-1 |  |       |  |     |  |       |  |       |  |
| ASME Y14.5    |  |                                       |  | chr  |  | Terris Liu     |  | 2016/05/20   |  |                                                                                       |  |                                                                                       |  |           |  |                |  |       |  |     |  |       |  |       |  |
|               |  |                                       |  | appr |  | Pei-Ming Zheng |  | 2016/05/24   |  | product family                                                                        |  |                                                                                       |  | rel level |  | Released       |  |       |  |     |  |       |  |       |  |
| surface       |  | linear                                |  | 0.X  |  | ±0.50          |  | Amphenol FCI |  | title                                                                                 |  | VERT RECT (ALL SIGNAL PINS)                                                           |  | dwg no    |  | 10123730       |  | rev   |  | B   |  |       |  |       |  |
|               |  |                                       |  |      |  |                |  |              |  |                                                                                       |  |                                                                                       |  |           |  |                |  |       |  |     |  | 0.XX  |  | ±0.25 |  |
|               |  |                                       |  |      |  |                |  |              |  |                                                                                       |  |                                                                                       |  |           |  |                |  |       |  |     |  | 0.XXX |  | ±0.10 |  |
| ASME Y14.5    |  | angular                               |  | 0°   |  | ±2°            |  | cat. no.     |  | Product - Customer Drw                                                                |  | sheet 2 of 4                                                                          |  |           |  |                |  |       |  |     |  |       |  |       |  |



Amphenol  
FCI

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|                |                                       |         |                     |                                                                                                      |            |                                   |                           |                       |           |
|----------------|---------------------------------------|---------|---------------------|------------------------------------------------------------------------------------------------------|------------|-----------------------------------|---------------------------|-----------------------|-----------|
| spec ref -     |                                       |         | dr Eric Jiang       |                                                                                                      | 2013/02/04 | <div>projection</div> <div></div> | <div>MM</div> <div></div> | size A2               | scale 4:1 |
| tolerance std  | TOLERANCES UNLESS OTHERWISE SPECIFIED |         | eng Sunny2 Liu      |                                                                                                      | 2016/05/05 |                                   |                           | ecn no ELX-DG-24036-1 |           |
| chr Terris Liu |                                       |         | 2016/05/20          | rel level Released                                                                                   |            |                                   |                           |                       |           |
| ASME Y14.5     |                                       |         | appr Pei-Ming Zheng |                                                                                                      | 2016/05/24 |                                   |                           | product family        |           |
| surface        | linear                                | 0.X     | ±0.50               | <div>Amphenol FCI</div> <div>title VERT RECT (ALL SIGNAL PINS)</div> <div>HIGH POWER CARD EDGE</div> | no         | 10123730                          | rev B                     |                       |           |
|                |                                       | 0.XX    | ±0.25               |                                                                                                      |            |                                   |                           |                       |           |
|                |                                       | 0.XXX   | ±0.10               |                                                                                                      |            |                                   |                           |                       |           |
|                | ASME Y14.5                            | angular | 0°                  |                                                                                                      |            |                                   |                           | ±2°                   | cat. no.  |

PDS: Rev :B

STATUS:Released

Printed: May 24, 2016



10123730-0000 PP

SIGNAL CONTACT QTY

- LF

LEAD FREE

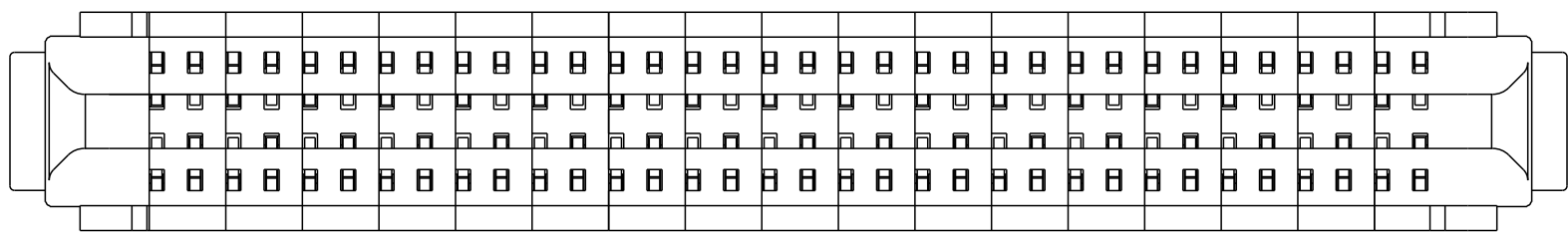
TAIL TYPE  
NOTE 11

A

STB

B

PF



EXAMPLE: THE CONFIGURATION ABOVE IS 10123730-000068ALF  
STB VERT REC 68S

TABLE 3: PART NUMBER CODE, HPCE STD VERT REC S CONFIG

NOTES:

1. CONNECTOR MATERIALS:

HOUSING: HIGH TEMPERATURE THERMAL PLASTIC, BLACK  
UL 94V-0 COMPLIANT  
CONTACTS: HIGH PERFORMANCE COPPER ALLOY.

2. CONTACT FINISH REF. GS-12-604 SECTION 5.2.

3. PRODUCT SPECIFICATION: GS-12-604.

4. APPLICATION SPECIFICATION: GS-20-128.

5. PRODUCT MARKING ON HOUSING IN AREA SHOWN MEETS AFCI SPECIFICATION: GS-24-007.

6. PACKAGING MEETS FCI SPECIFICATION GS-14-937.

7. HOUSING COMPONENT WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE  
FOR 60 SECONDS IN A CONVECTION, INFRA-RED, OR VAPOR PHASE REFLOW OVEN.

8. COPPER PLATING THICKNESS IN CENTER OF VIA-HOLE CAN BE NO MORE THAN 0.003 LESS THAN OTHER AREAS.

9. ALL HOLE SIZES ARE FINISHED HOLE SIZES.

10. MOUNTING HOLES ARE UNPLATED  
Ø 2.40 +/- 0.1 FOR PRESS-FIT TAILS  
Ø 2.18 +/- 0.03 FOR SOLDER TAILS

11. STB=SOLDER TO BOARD, 1.57-2.38mm PCB THICKNESS.  
PF=PRESS FIT, 1.57mm MINIMUM PCB THICKNESS.

12. A SYMBOL  WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN  
MODIFIED WITH THE CURRENT DRAWING REVISION.

DIM

TABLE 2 LENGTH FORMULAS

DIM A

$(PP/2) \times 1.27 + 8.47$

DIM B

DIM A - 5.00

DIM C

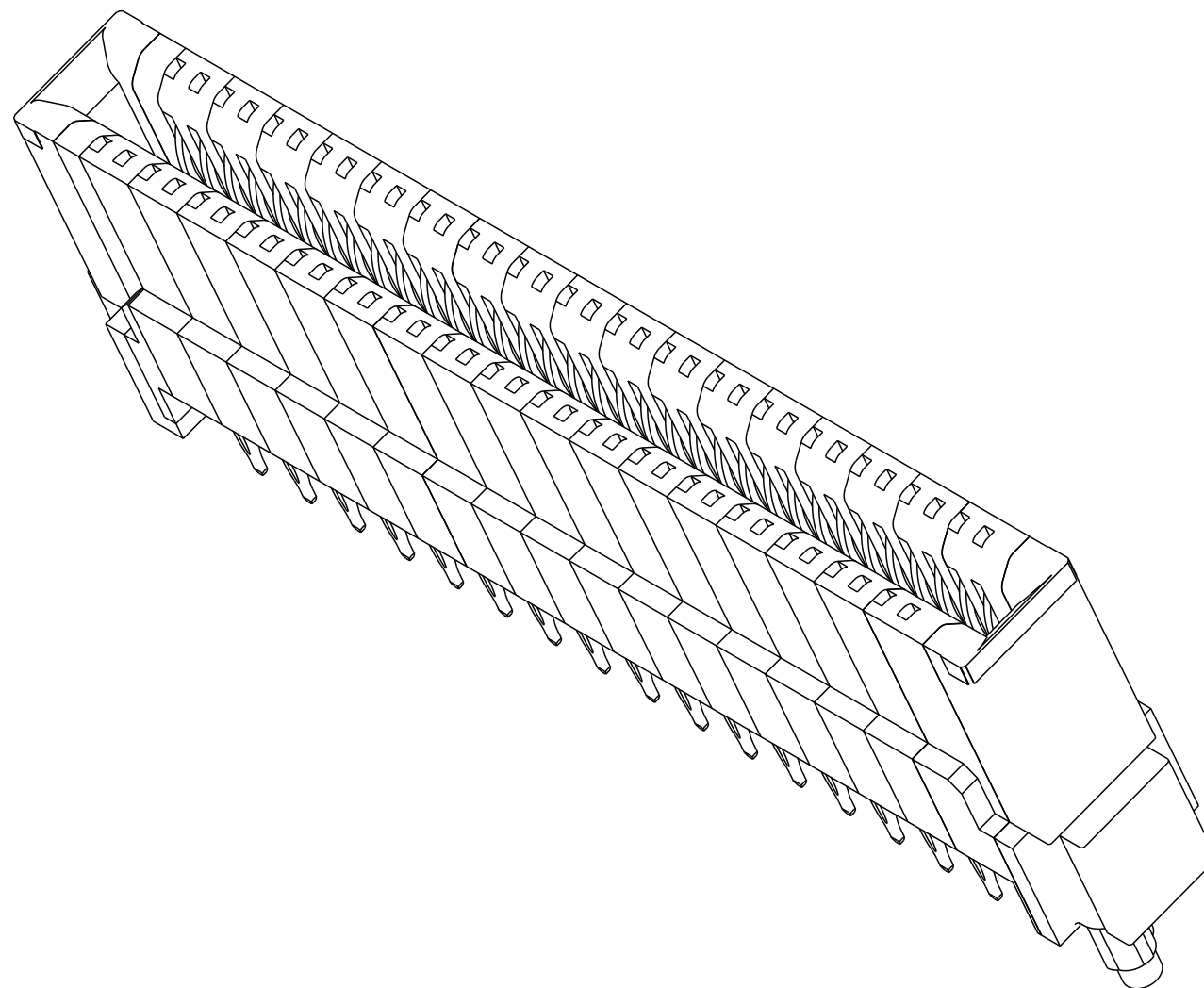
DIM A - 2.34

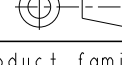
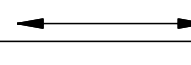
DIM D

DIM A - 4.04

DIM E

DIM A - 5.30



|               |                                                                                                  |                                       |       |       |                 |                        |                                                                                                                        |                                                                                                                |                |                |           |          |   |
|---------------|--------------------------------------------------------------------------------------------------|---------------------------------------|-------|-------|-----------------|------------------------|------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|----------------|----------------|-----------|----------|---|
| spec ref      |                                                                                                  | -                                     |       | dr    | Eric Jiang      | 2013/02/04             | <div>projection</div> <div></div> | <div>MM</div> <div></div> | size           | A2             | scale     | 4:1      |   |
| tolerance std |                                                                                                  | TOLERANCES UNLESS OTHERWISE SPECIFIED |       | eng   | Sunny2 Liu      | 2016/05/05             |                                                                                                                        |                                                                                                                | ech no         | ELX-DG-24036-1 |           |          |   |
| ASME Y14.5    |                                                                                                  |                                       |       | chr   | Terris Liu      | 2016/05/20             |                                                                                                                        |                                                                                                                |                |                |           |          |   |
|               |                                                                                                  |                                       |       | appr  | Pei-Ming Zheng  | 2016/05/24             |                                                                                                                        |                                                                                                                | product family |                | rel level | Released |   |
| surface       | <div></div> | linear                                | 0.X   | ±0.50 | Amphenol<br>FCI | title                  | VERT RECT (ALL SIGNAL PINS)<br>HIGH POWER CARD EDGE                                                                    |                                                                                                                |                | dwg no         | 10123730  | rev      | B |
|               |                                                                                                  |                                       | 0.XX  | ±0.25 |                 |                        |                                                                                                                        |                                                                                                                |                |                |           |          |   |
|               |                                                                                                  |                                       | 0.XXX | ±0.10 |                 |                        |                                                                                                                        |                                                                                                                |                |                |           |          |   |
| ASME Y14.5    |                                                                                                  | angular                               | 0°    | ±2°   | cat. no.        | Product - Customer Drw |                                                                                                                        |                                                                                                                |                | sheet 4 of 4   |           |          |   |

## Данный компонент на территории Российской Федерации

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<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

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Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

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