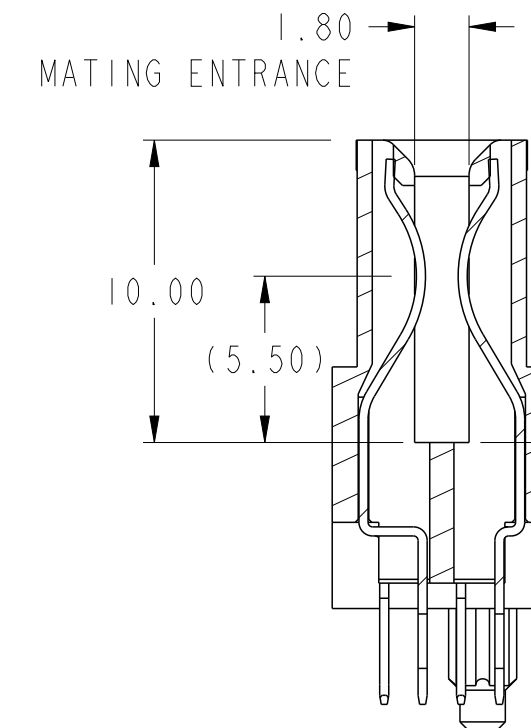
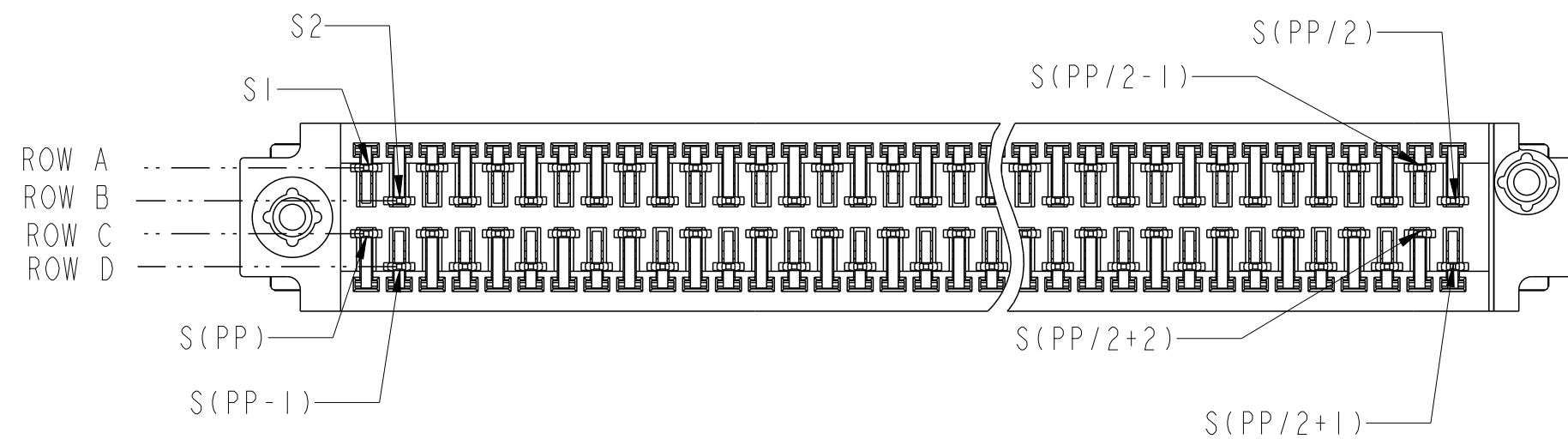
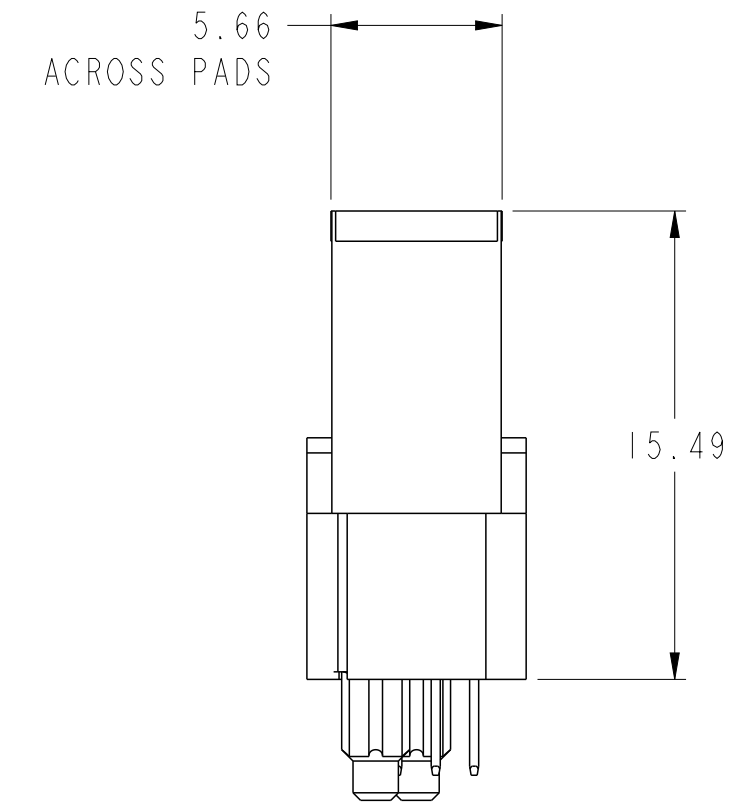
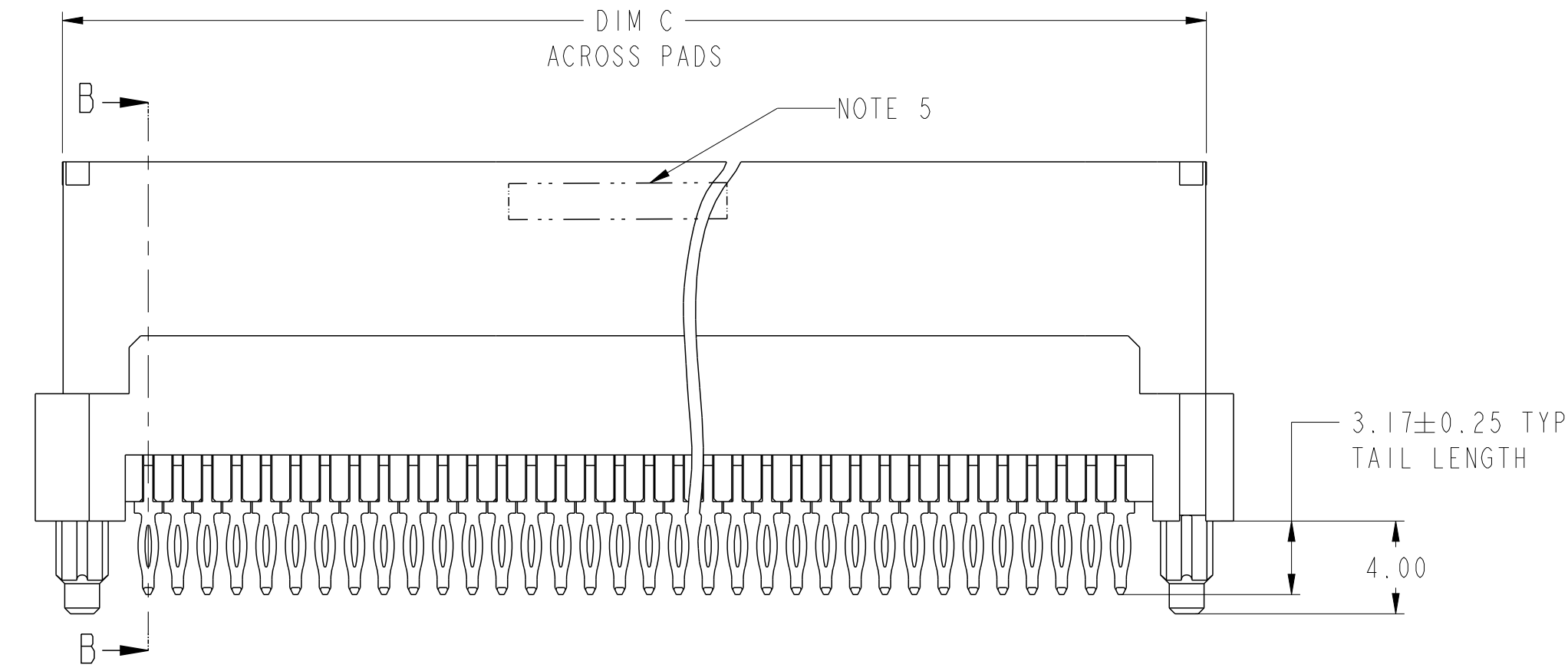
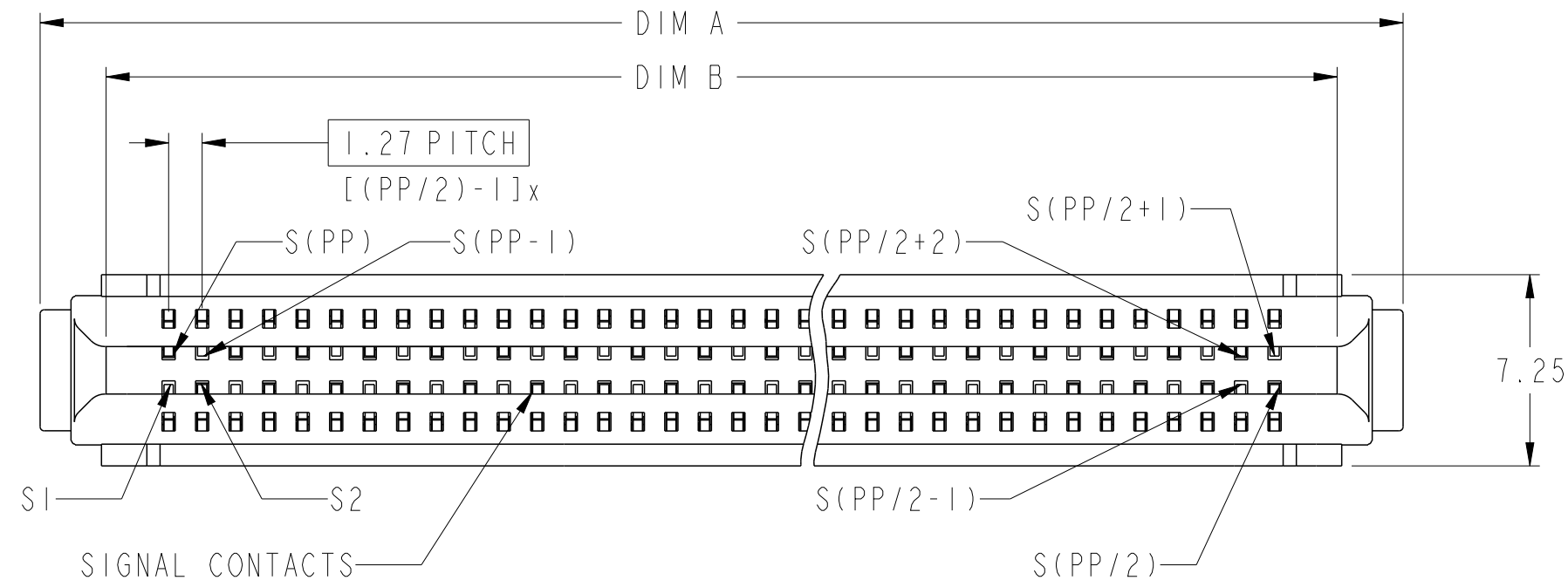
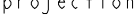


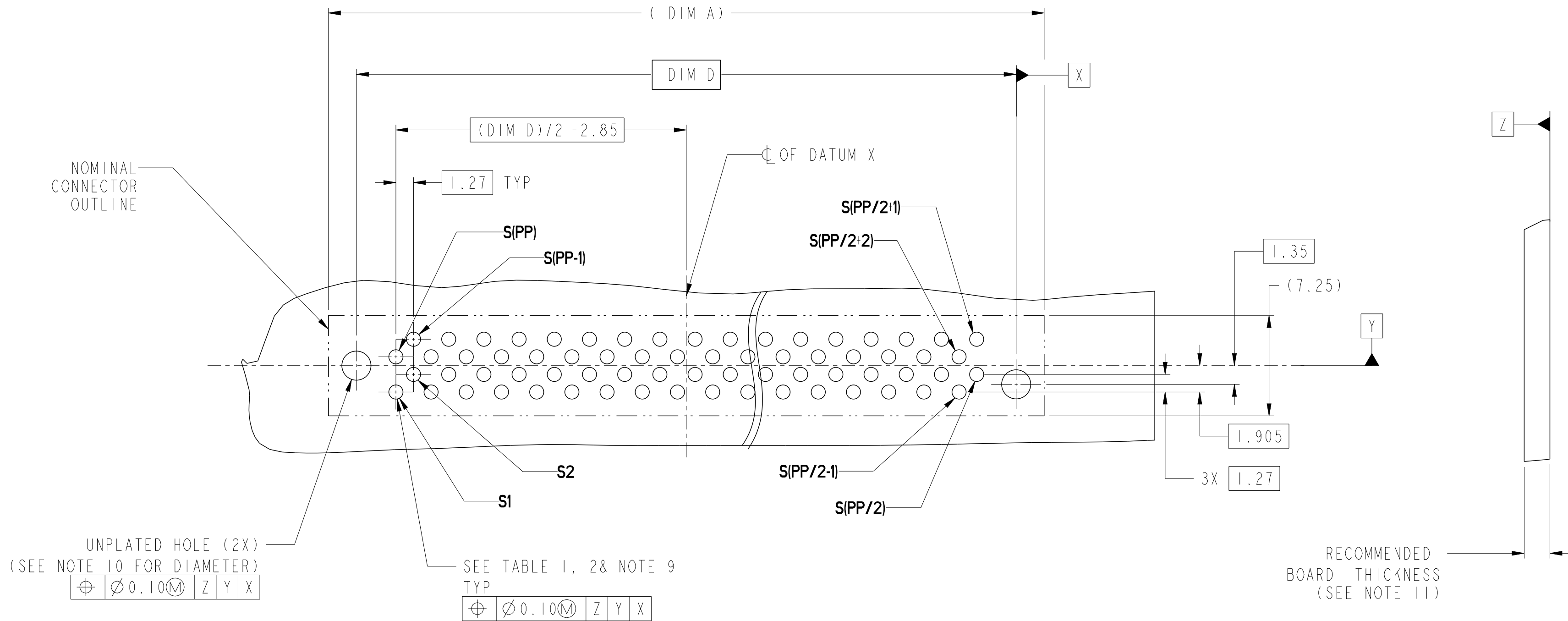


SECTION B-B  
SCALE 4:1

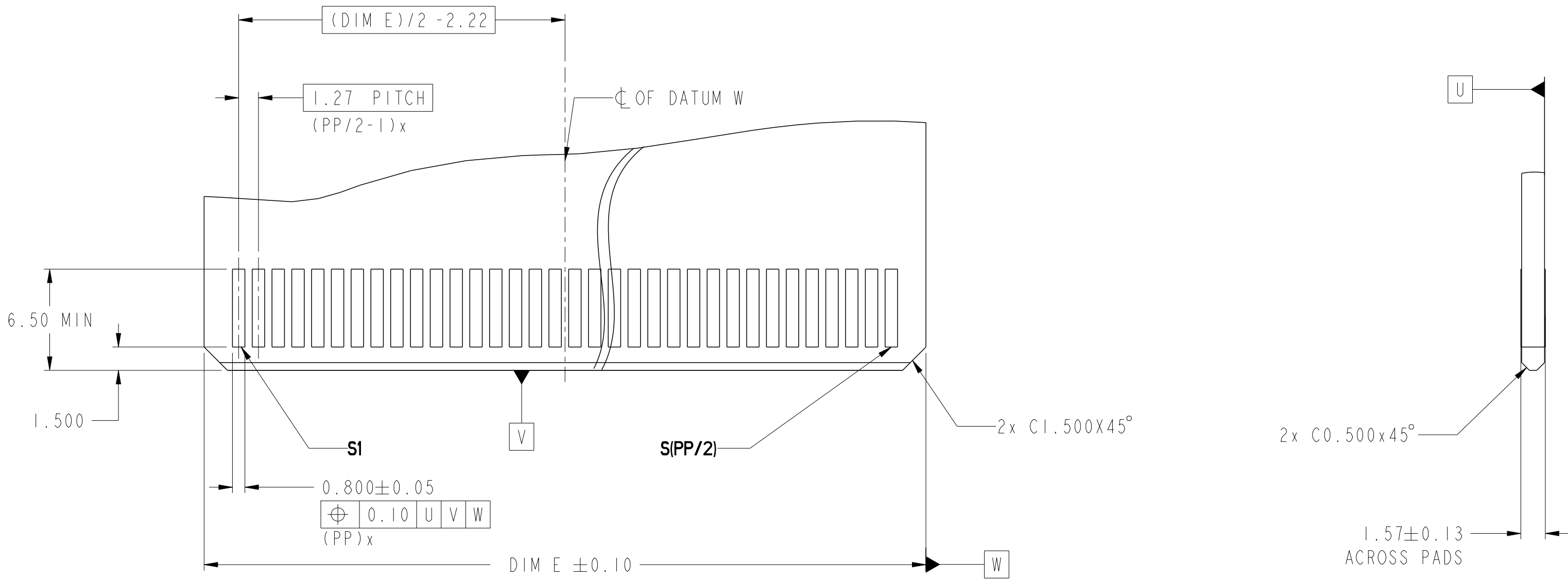
|               |                                                                                                  |         |                |            |                 |                |                                                                                                                                                                                                                                       |                        |          |              |     |
|---------------|--------------------------------------------------------------------------------------------------|---------|----------------|------------|-----------------|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|----------|--------------|-----|
| 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   |
| ASME Y14.5    |                                                                                                  |         | 0.XX           | ±0.25      |                 |                |                                                                                                                                                                                                                                       |                        |          |              |     |
|               |                                                                                                  | angular | 0.XXX          | ±0.10      |                 |                |                                                                                                                                                                                                                                       |                        |          |              |     |
|               |                                                                                                  |         |                | ±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            |

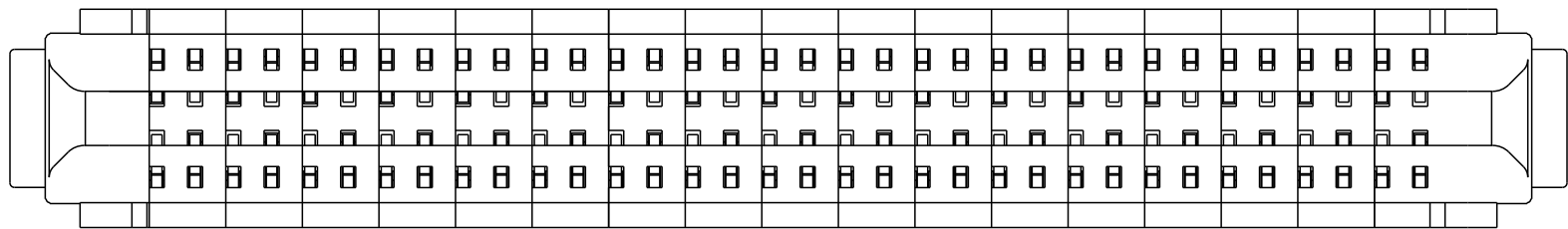
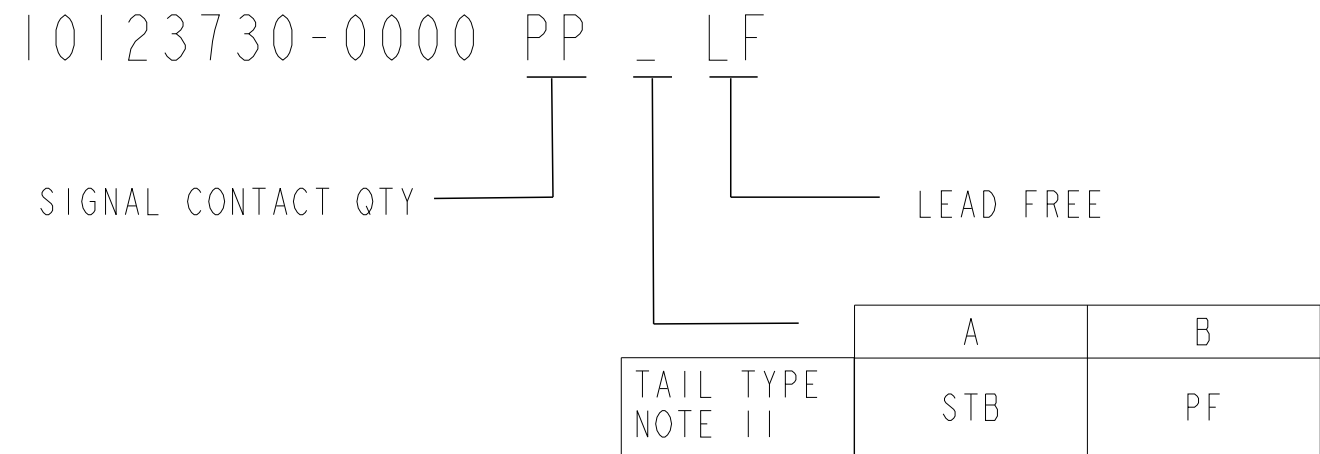


|               |  |                                       |  |      |  |                |  |              |  |                                                                                       |  |                                                                                       |  |           |  |                |  |       |  |     |  |       |  |       |  |
|---------------|--|---------------------------------------|--|------|--|----------------|--|--------------|--|---------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|-----------|--|----------------|--|-------|--|-----|--|-------|--|-------|--|
| 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   |  |                                                                                       |  |                                                                                       |  | rel level |  | Released       |  |       |  |     |  |       |  |       |  |
|               |  |                                       |  | appr |  | Pei-Ming Zheng |  | 2016/05/24   |  | product family                                                                        |  |                                                                                       |  |           |  |                |  |       |  |     |  |       |  |       |  |
| 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                                                                          |  |           |  |                |  |       |  |     |  |       |  |       |  |



|               |  |         |  |                     |  |            |  |                                                                                       |  |                                                                                       |  |                             |  |                |  |          |  |     |  |   |  |
|---------------|--|---------|--|---------------------|--|------------|--|---------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|-----------------------------|--|----------------|--|----------|--|-----|--|---|--|
| spec ref -    |  |         |  | dr Eric Jiang       |  | 2013/02/04 |  | projection                                                                            |  | MM                                                                                    |  | size A2                     |  | scale 4:1      |  |          |  |     |  |   |  |
| tolerance std |  |         |  | eng Sunny2 Liu      |  | 2016/05/05 |  |  |  |  |  | ecn no                      |  | ELX-DG-24036-1 |  |          |  |     |  |   |  |
| ASME Y14.5    |  |         |  | 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           |  | 0.XX ±0.25 |  | Amphenol FCI                                                                          |  | title                                                                                 |  | VERT RECT (ALL SIGNAL PINS) |  | dwg no         |  | 10123730 |  | rev |  | B |  |
|               |  |         |  |                     |  |            |  |                                                                                       |  |                                                                                       |  |                             |  |                |  |          |  |     |  |   |  |
|               |  |         |  |                     |  |            |  |                                                                                       |  |                                                                                       |  |                             |  |                |  |          |  |     |  |   |  |
| ASME Y14.5    |  | angular |  | 0° ±2°              |  | cat. no.   |  | Product - Customer Drw                                                                |  |                                                                                       |  | sheet 3 of 4                |  |                |  |          |  |     |  |   |  |

A  
B  
C  
D  
E  
F



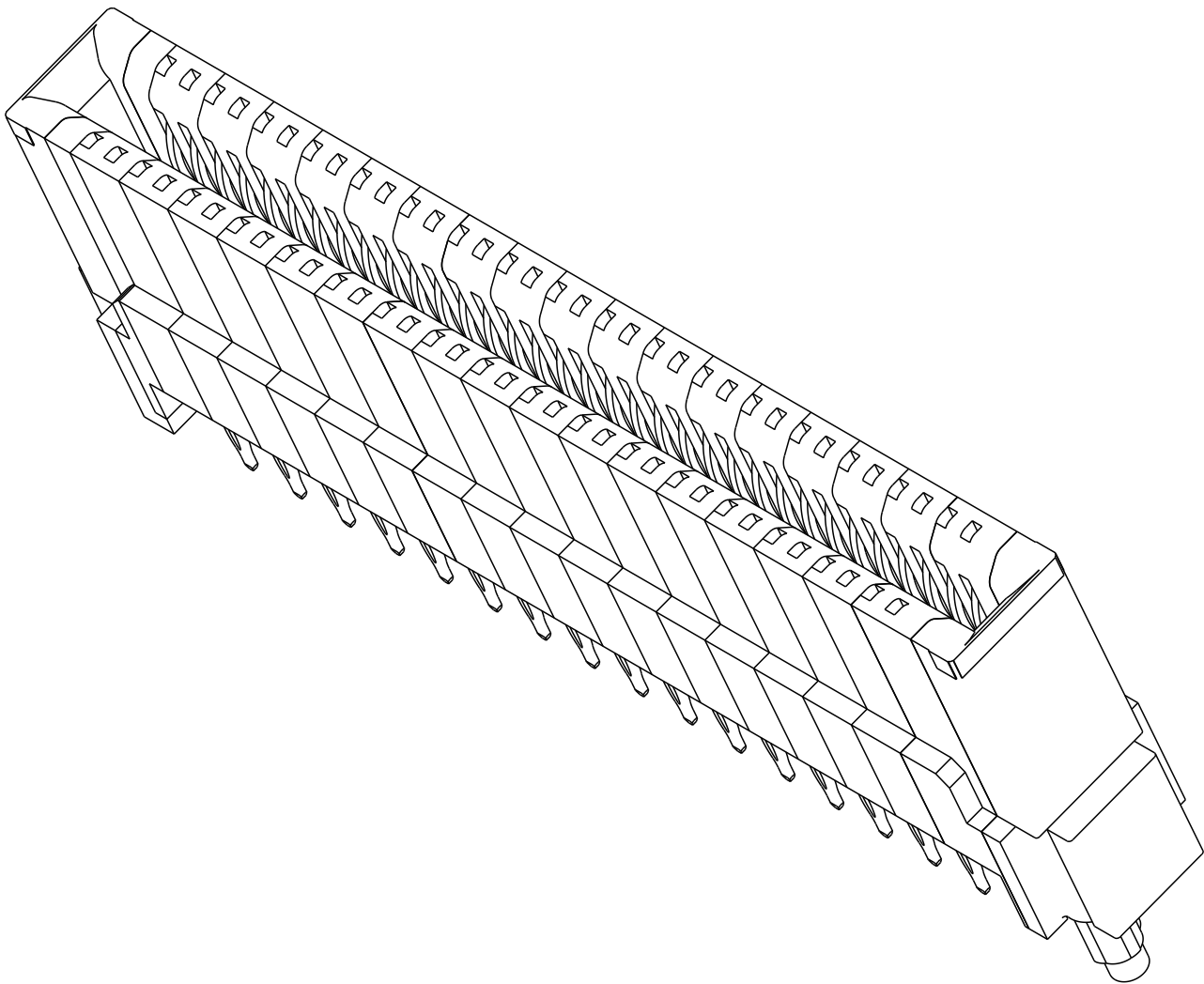
EXAMPLE: THE CONFIGURATION ABOVE IS 10123730-000068ALF  
STB VERT REC 68S

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)X1.27+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 | projection     | MM                          | size       | A2           | scale          | 4:1 |
| tolerance std | ASME Y14.5 | eng          | Sunny2 Liu     | 2016/05/05 | chr            | Terris Liu                  | 2016/05/20 | ecn no       | ELX-DG-24036-1 |     |
|               |            | appr         | Pei-Ming Zheng | 2016/05/24 | product family |                             | rel level  | Released     |                |     |
| surface       | linear     | 0.X          | ±0.50          | 0.XX       | ±0.25          | 0.XXX                       | ±0.10      | angular      | 0°             | ±2° |
| ASME Y14.5    |            |              |                |            |                |                             |            |              |                |     |
|               |            | Amphenol FCI |                | title      |                | VERT RECT (ALL SIGNAL PINS) |            | no           |                | rev |
|               |            |              |                |            |                | HIGH POWER CARD EDGE        |            | 10123730     |                | B   |
|               |            |              |                | cat. no.   |                | Product - Customer Drw      |            | sheet 4 of 4 |                |     |

A  
B  
C  
D  
E  
F

## Данный компонент на территории Российской Федерации

**Вы можете приобрести в компании MosChip.**

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

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

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

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

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.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

### Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: [info@moschip.ru](mailto:info@moschip.ru)

Skype отдела продаж:

moschip.ru

moschip.ru\_4

moschip.ru\_6

moschip.ru\_9