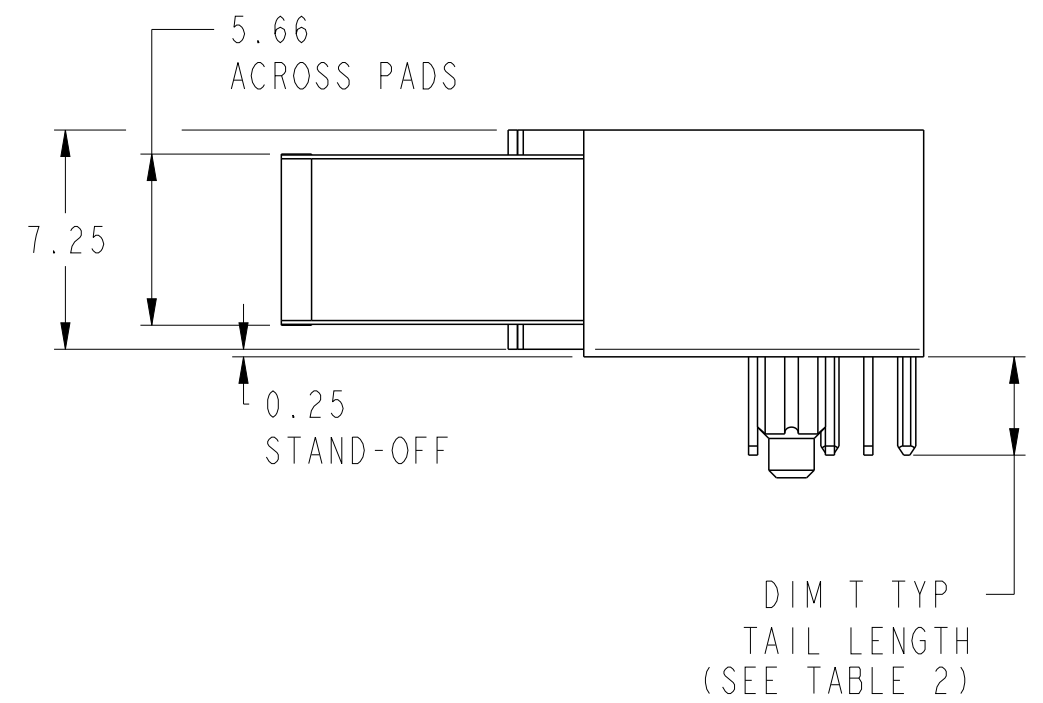
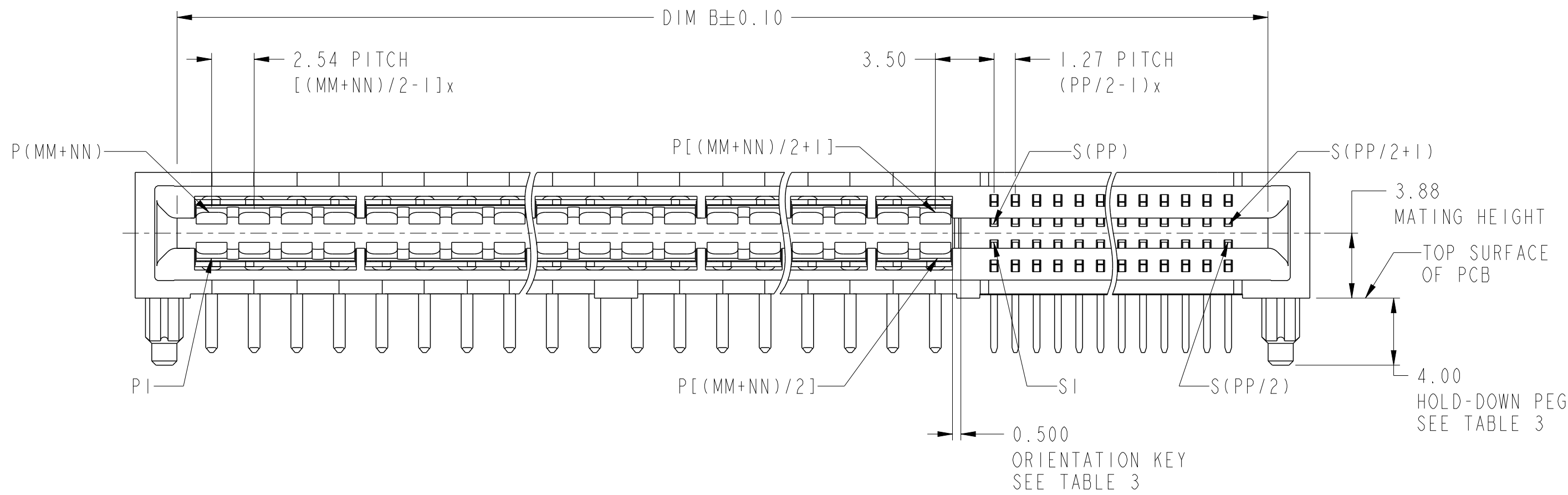
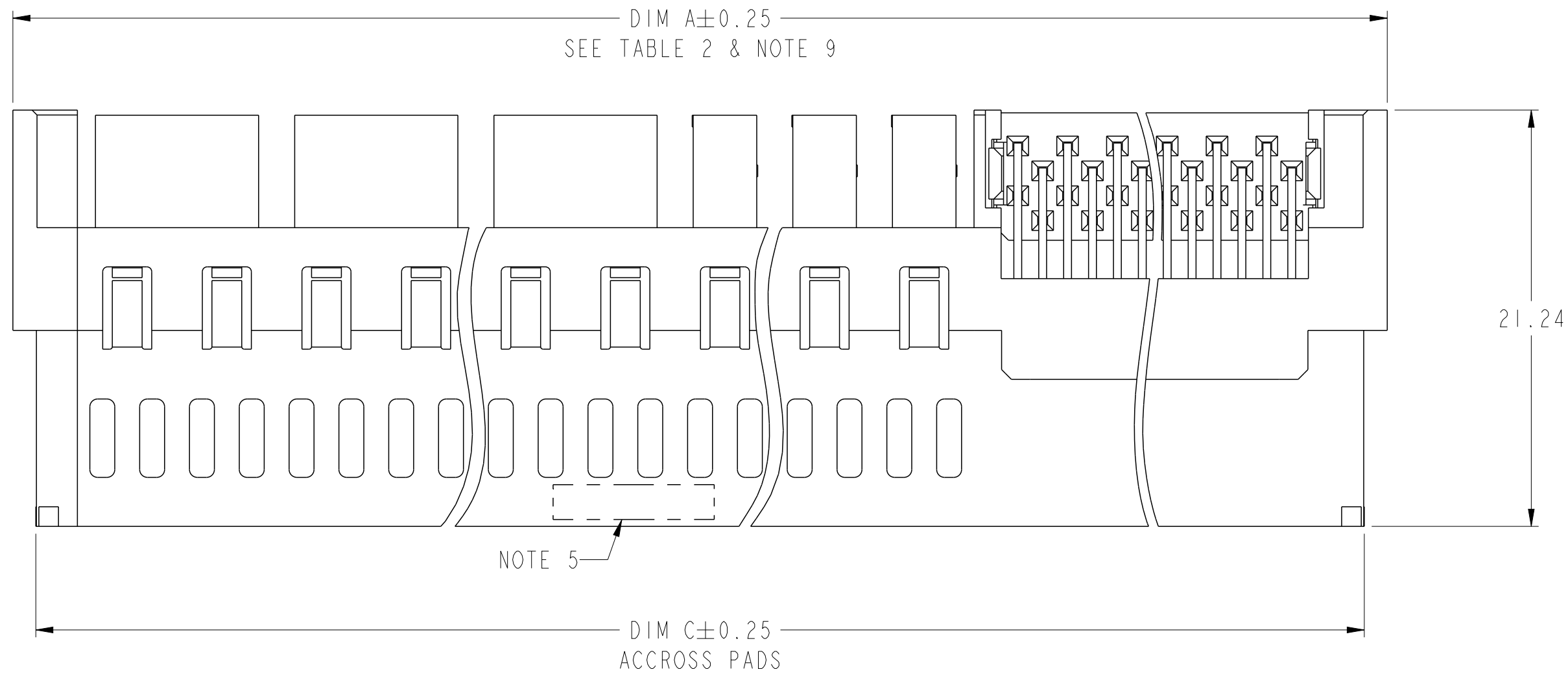
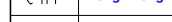
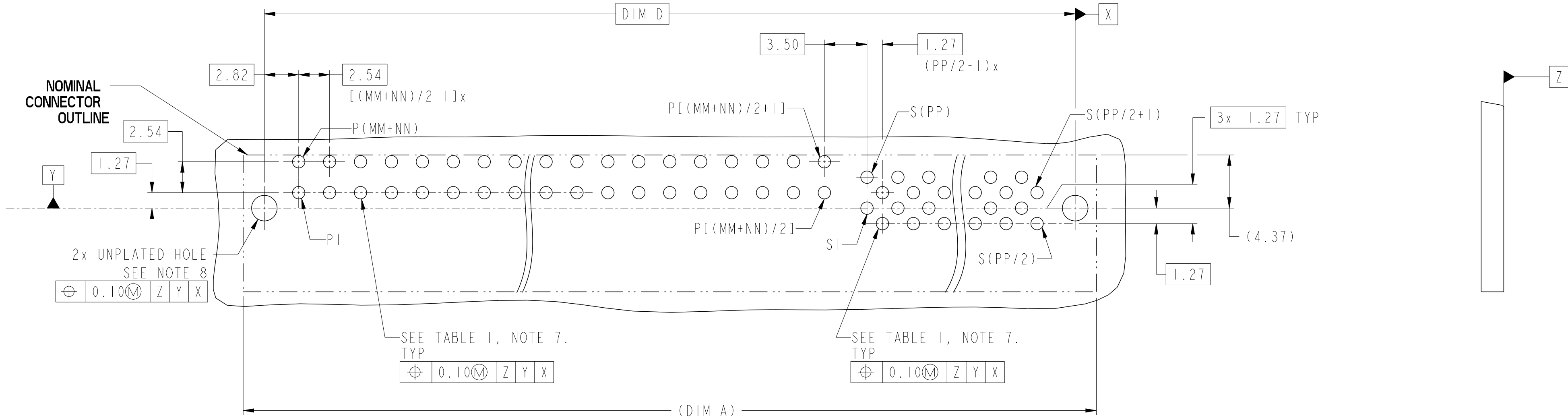


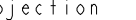


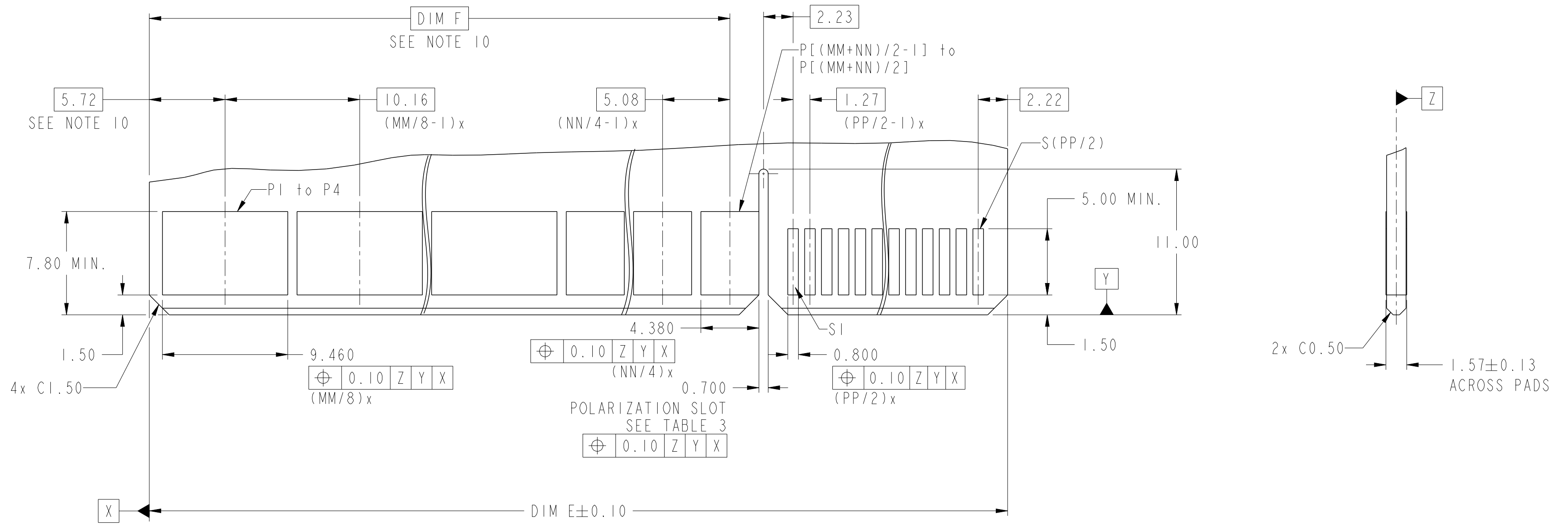
|               |  |                                                                                       |         |       |                |            |                                                                                       |  |                                                                                       |  |                                                    |  |                        |  |              |       |     |     |   |
|---------------|--|---------------------------------------------------------------------------------------|---------|-------|----------------|------------|---------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|----------------------------------------------------|--|------------------------|--|--------------|-------|-----|-----|---|
| spec ref      |  | -                                                                                     | dr      |       | Hai-Ling Liu   | 2014/06/30 | projection                                                                            |  |  |  | MM                                                 |  | size                   |  | A2           | scale |     | 4:1 |   |
| tolerance std |  | TOLERANCES UNLESS OTHERWISE SPECIFIED                                                 | eng     |       | Ada Ye         | 2018/08/30 |  |  |  |  | ecn no                                             |  | ELX-DG-31039-1         |  |              |       |     |     |   |
| ISO 406       |  |                                                                                       | chr     |       | Feng Zheng     | 2018/08/31 |                                                                                       |  |                                                                                       |  | rel level                                          |  | Released               |  |              |       |     |     |   |
| ISO 1101      |  |                                                                                       | appr    |       | Zheng, Pei-Min | 2018/08/31 |                                                                                       |  |                                                                                       |  | product family                                     |  |                        |  |              |       |     |     |   |
| surface       |  |  | linear  | 0.X   | ±0.50          |            |  |  | title                                                                                 |  | R/A RECEPTACLE<br>HIGH POWER CARD EDGE - UNIVERSAL |  | dwg no                 |  | 10130788     |       | rev |     | C |
|               |  |                                                                                       |         | 0.XX  | ±0.25          |            |                                                                                       |  |                                                                                       |  |                                                    |  |                        |  |              |       |     |     |   |
|               |  |                                                                                       |         | 0.XXX | ±0.10          |            |                                                                                       |  |                                                                                       |  |                                                    |  |                        |  |              |       |     |     |   |
| ISO 1302      |  |                                                                                       | angular | 0°    | ±2°            |            |                                                                                       |  |                                                                                       |  | cat. no.                                           |  | Product - Customer Drw |  | sheet 1 of 4 |       |     |     |   |

RECOMMENDED PCB LAYOUT  
DIMENSION TOLERANCE IS  $\pm 0.05$  mm

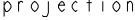
| CONTACT TYPE   | TOP LAYER DESCRIPTION | TABLE 1 (HPCE / SOLDER TAILS)<br>PLATED THROUGH-HOLE REQUIREMENTS |                  |                    |               |                        |
|----------------|-----------------------|-------------------------------------------------------------------|------------------|--------------------|---------------|------------------------|
|                |                       | 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                | 1.10-1.16 (1.15 DRILL)                                            | 0.025 - 0.050    | --                 | --            | 0.94 - 1.10            |



|               |        |                                       |       |                 |                        |                                                    |                |                                                                                       |              |           |          |       |                |   |
|---------------|--------|---------------------------------------|-------|-----------------|------------------------|----------------------------------------------------|----------------|---------------------------------------------------------------------------------------|--------------|-----------|----------|-------|----------------|---|
| spec ref      |        | -                                     |       | dr              | Hai-Ling Liu           | 2014/06/30                                         | projection     |  | MM           | size      | A2       | scale | 4:1            |   |
| tolerance std |        | TOLERANCES UNLESS OTHERWISE SPECIFIED |       | eng             | Ada Ye                 | 2018/08/30                                         |                |                                                                                       |              |           | ecn no   |       | ELX-DG-31039-1 |   |
| ISO 406       |        |                                       |       | chr             | Feng Zheng             | 2018/08/31                                         | product family |                                                                                       |              | rel level | Released |       |                |   |
| ISO 1101      |        |                                       |       | appr            | Zheng, Pei-Min         | 2018/08/31                                         |                |                                                                                       |              |           |          |       |                |   |
| surface       | linear | 0.X                                   | ±0.50 | Amphenol<br>FCI | title                  | R/A RECEPTACLE<br>HIGH POWER CARD EDGE - UNIVERSAL |                |                                                                                       |              | dwg no    | 10130788 |       | rev            | C |
|               |        | 0.XX                                  | ±0.25 |                 |                        |                                                    |                |                                                                                       |              |           |          |       |                |   |
|               |        | 0.XXX                                 | ±0.10 |                 |                        |                                                    |                |                                                                                       |              |           |          |       |                |   |
|               |        | angular                               | 0°    |                 |                        |                                                    |                |                                                                                       |              |           |          |       |                |   |
| ISO 1302      |        |                                       |       | cat. no.        | Product - Customer Drw |                                                    |                |                                                                                       | sheet 2 of 4 |           |          |       |                |   |



RECOMMENDED MATING BOARD  
FOOT PRINT  
DIMENSION TOLERANCE IS  $\pm 0.05$  mm

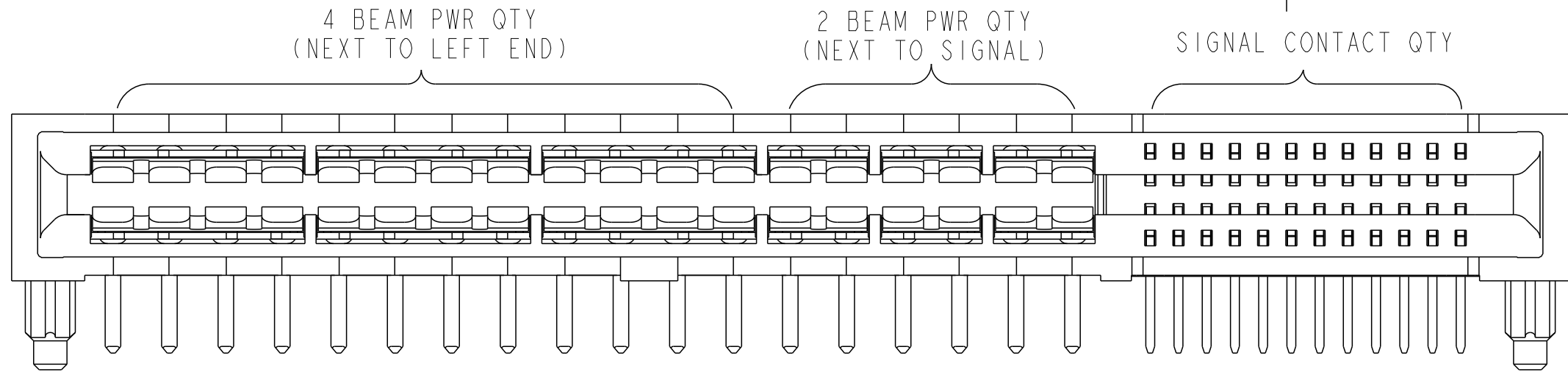
|               |  |                     |  |                                          |  |              |  |            |  |                 |  |                                                                                       |  |                                                                                       |  |            |  |                        |  |                |  |           |  |          |  |
|---------------|--|---------------------|--|------------------------------------------|--|--------------|--|------------|--|-----------------|--|---------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|------------|--|------------------------|--|----------------|--|-----------|--|----------|--|
| spec ref      |  | -                   |  | dr                                       |  | Hai-Ling Liu |  | 2014/06/30 |  | projection      |  |  |  |  |  | size       |  | A2                     |  | scale          |  | 4:1       |  |          |  |
| tolerance std |  | ISO 406<br>ISO 1101 |  | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED |  | eng          |  | Ada Ye     |  | 2018/08/30      |  | chr                                                                                   |  | Feng Zheng                                                                            |  | 2018/08/31 |  | ecn no                 |  | ELX-DG-31039-1 |  | rel level |  | Released |  |
| surface       |  | linear              |  | 0.X ±0.50<br>0.XX ±0.25<br>0.XXX ±0.10   |  | angular      |  | 0° ±2°     |  | Amphenol<br>FCi |  | title                                                                                 |  | R/A RECEPTACLE<br>HIGH POWER CARD EDGE - UNIVERSAL                                    |  | cat. no.   |  | Product - Customer Drw |  | sheet 3 of 4   |  | rev       |  | C        |  |
| ISO 1302      |  | V                   |  |                                          |  |              |  |            |  |                 |  | dwg no                                                                                |  | 10130788                                                                              |  |            |  |                        |  |                |  |           |  |          |  |

10130788 - MM NN PP LF

LEAD FREE

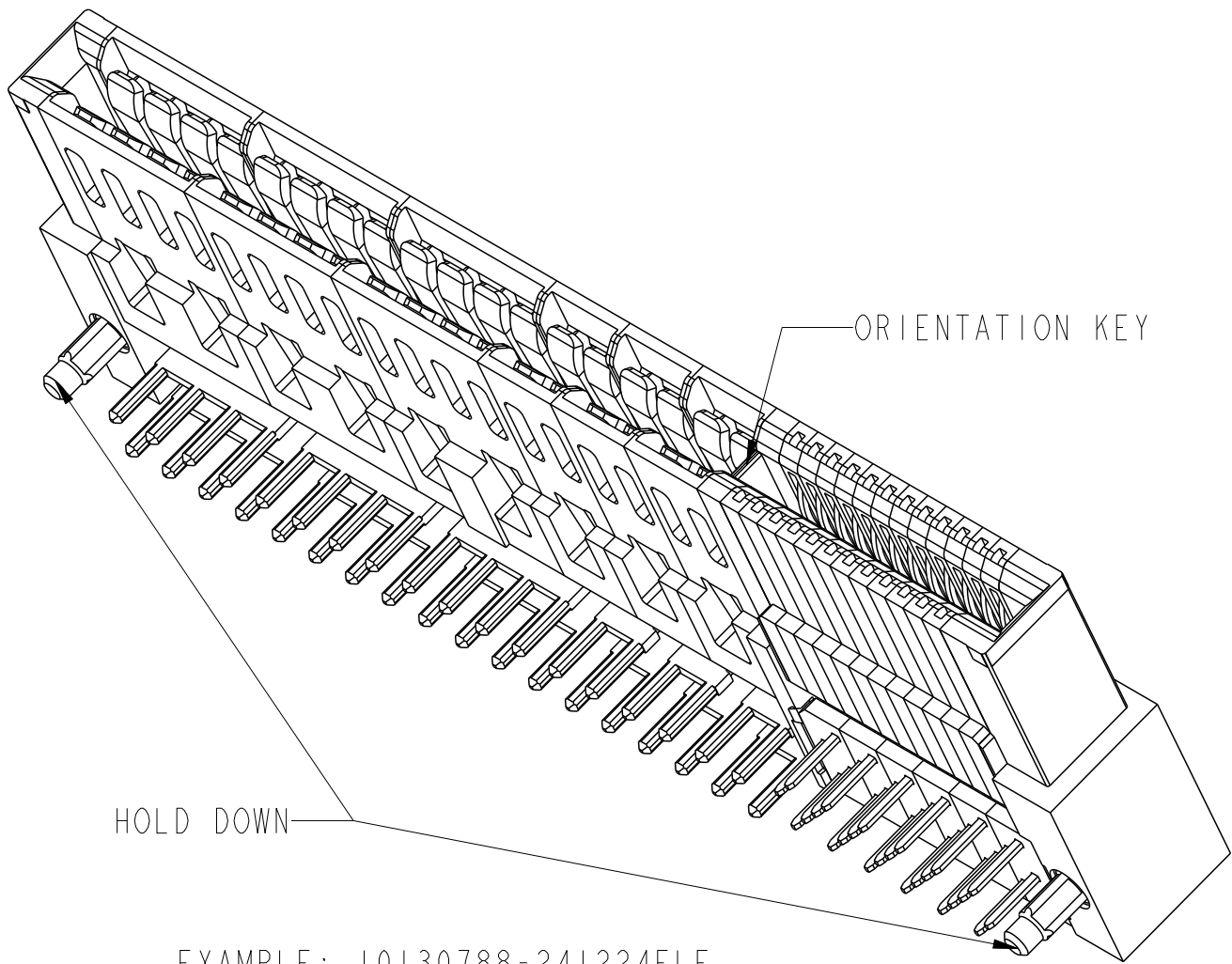
|                    | A   | B   | C   | D   | E    | F    | G    | H    |
|--------------------|-----|-----|-----|-----|------|------|------|------|
| Tail Length(DIM T) | 2.6 | 2.6 | 2.6 | 2.6 | 3.25 | 3.25 | 3.25 | 3.25 |
| Orientation Key    | Y   | N   | N   | Y   | Y    | N    | N    | Y    |
| Hold Down Option   | Y   | Y   | N   | N   | Y    | Y    | N    | N    |

|      | J    | K    | L    | M |
|------|------|------|------|---|
| 4.05 | 4.05 | 4.05 | 4.05 |   |
| Y    | N    | N    | Y    |   |
| Y    | Y    | N    | N    |   |



Example: The Configuration above is 10130788-241224ELF  
R/A RECEPTACLE 36P24S with Orientation Key and Hold Down.  
24P is 4 beam contacts, 12P is 2 beam contacts.

TABLE 3: PART NUMBER CODE FOR HPCE R/A RECEPTACLE P+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. ALL HOLE SIZES ARE FINISHED HOLE SIZES.

8. MOUNTING HOLES ARE UNPLATED  
Ø 2.18 +/- 0.03 FOR SOLDER TAILS

9. MAXIUM OVERALL LENGTH IS 100mm.

10. DIM IS NOT APPLICABLE IF NO 4 BEAM CONTACT OR 2 BEAM CONTACT.

11. 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 | (MM + NN) / 2 x 2.54 + (PP / 2) x 1.27 + 9.12                                                                                   |
| DIM B | DIM A - 5.00                                                                                                                    |
| DIM C | DIM A - 2.34                                                                                                                    |
| DIM D | DIM A - 3.48                                                                                                                    |
| DIM E | DIM A - 5.30                                                                                                                    |
| DIM F | (MM / 8 - 1) x 10.16 + (NN / 4 - 1) x 5.08 + 13.34 (WITH 4 BEAM CONTACT)<br>(NN / 4 - 1) x 5.08 + 3.18 (WITHOUT 4 BEAM CONTACT) |
| DIM T | 2.6 or 3.25 or 4.05                                                                                                             |

|               |                     |      |                |            |                |            |           |                        |              |     |
|---------------|---------------------|------|----------------|------------|----------------|------------|-----------|------------------------|--------------|-----|
| spec ref      | -                   | dr   | Hai-Ling Liu   | 2014/06/30 | projection     | MM         | size      | A2                     | scale        | 4:1 |
| tolerance std | ISO 406<br>ISO 1101 | eng  | Ada Ye         | 2018/08/30 | chr            | Feng Zheng | ecn no    | ELX-DG-31039-1         |              |     |
|               |                     | appr | Zheng, Pei-Min | 2018/08/31 | product family |            | rel level | Released               |              |     |
| surface       | linear              | 0.X  | ±0.50          |            |                |            | cat. no.  | Product - Customer Drw | sheet 4 of 4 |     |
|               | angular             | 0°   | ±2°            |            |                |            |           |                        |              |     |

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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