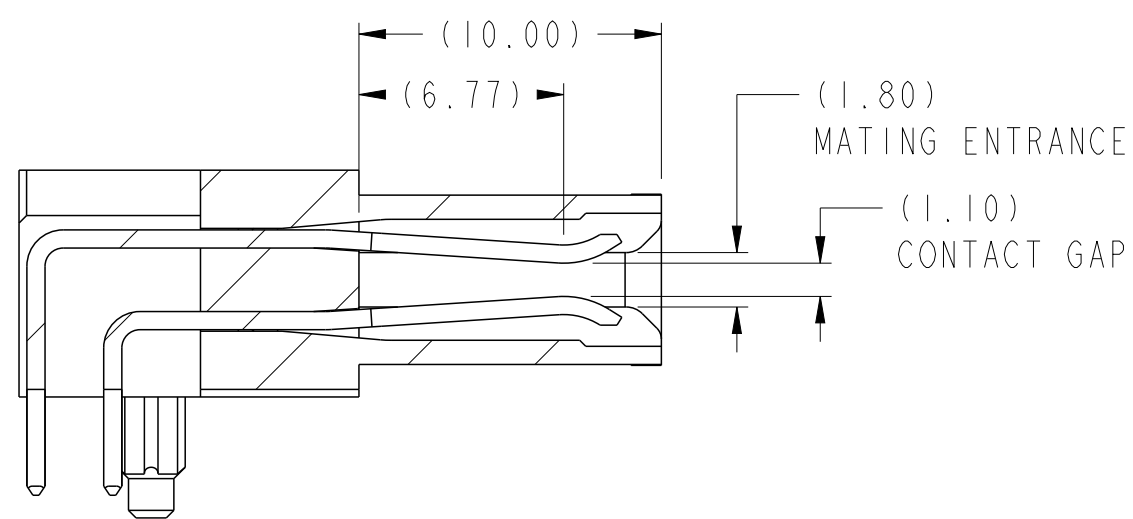
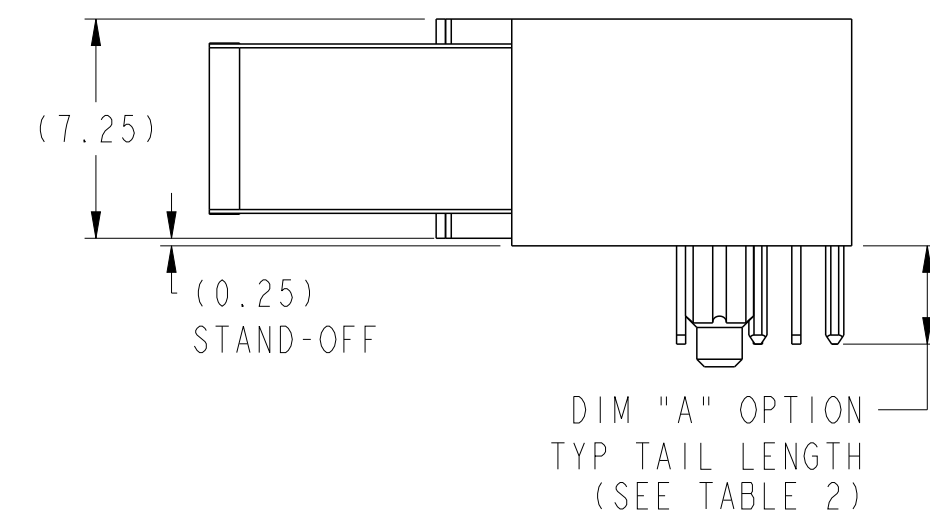
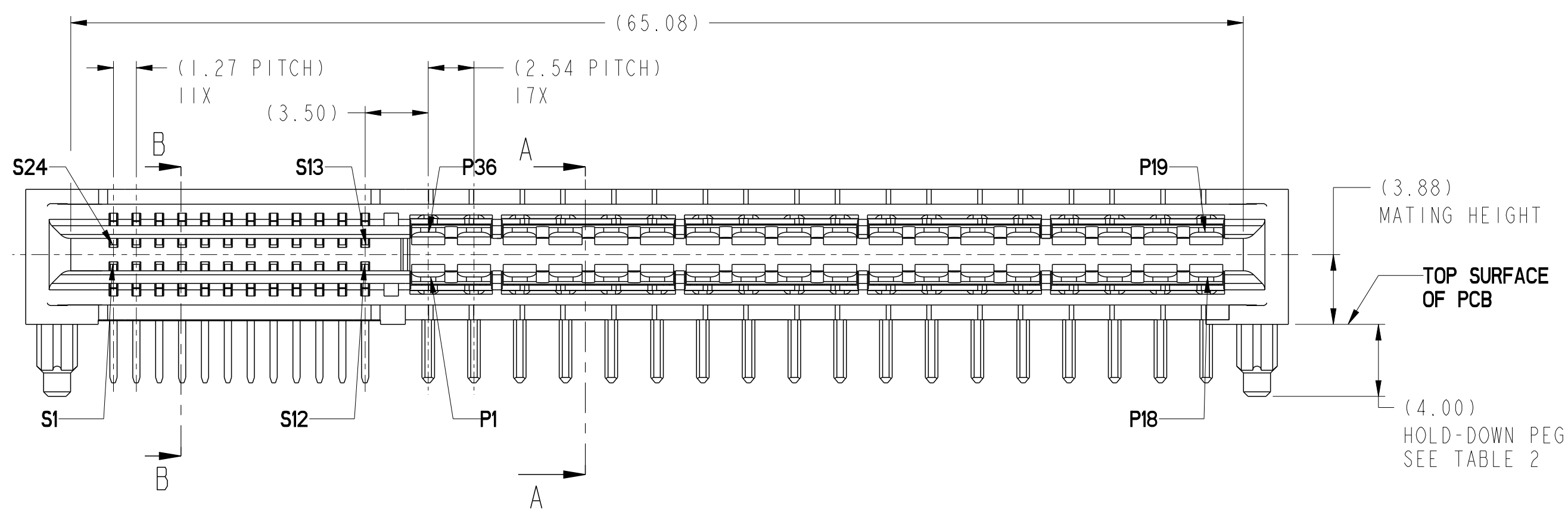
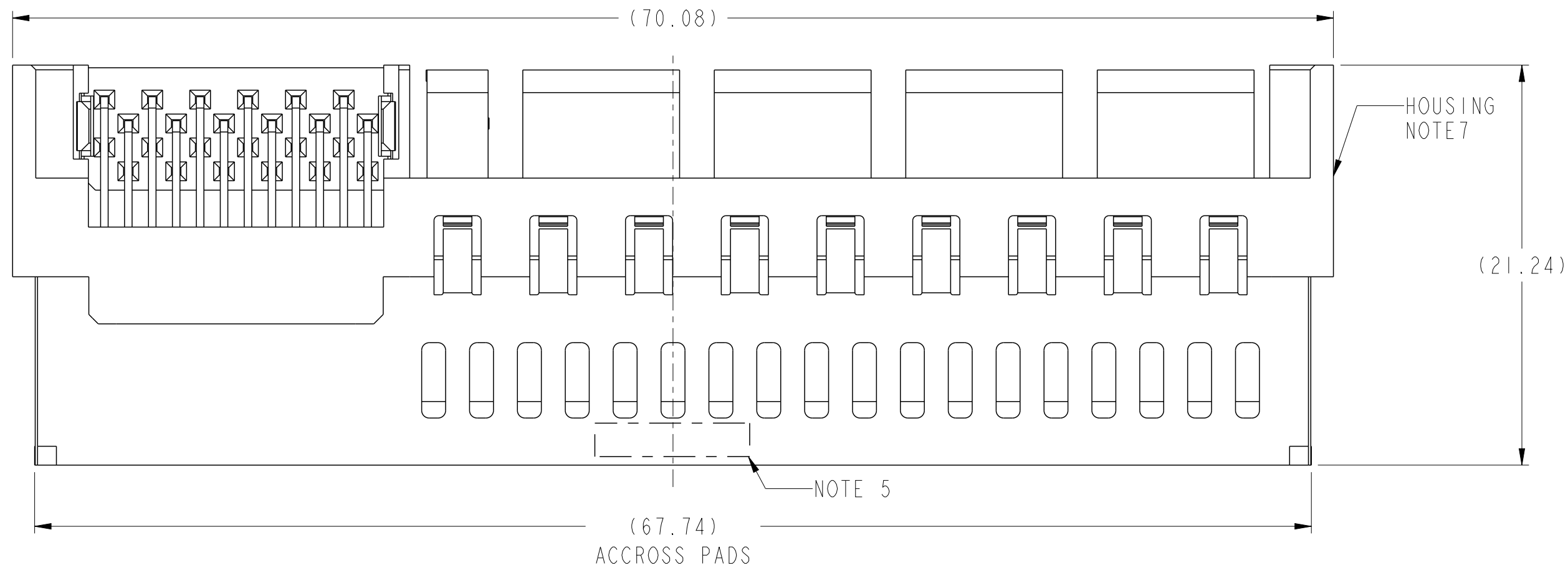
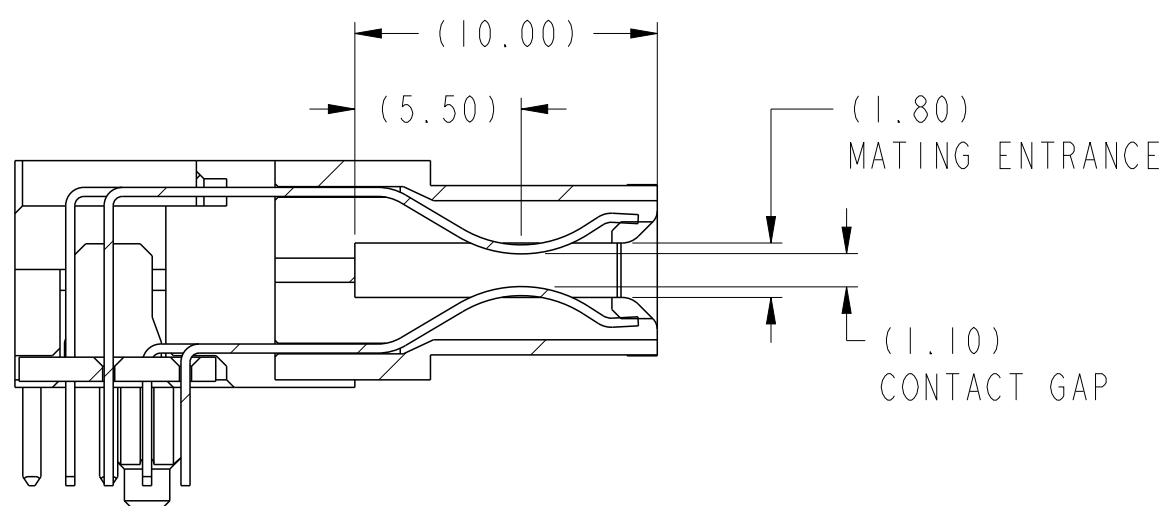


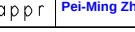


SECTION A-A  
SCALE 4:1



SECTION B-B  
SCALE 4:1

| REV | DR | DATE       |
|-----|----|------------|
| A   | HZ | 2012-05-22 |
|     |    |            |
|     |    |            |
|     |    |            |
|     |    |            |
|     |    |            |

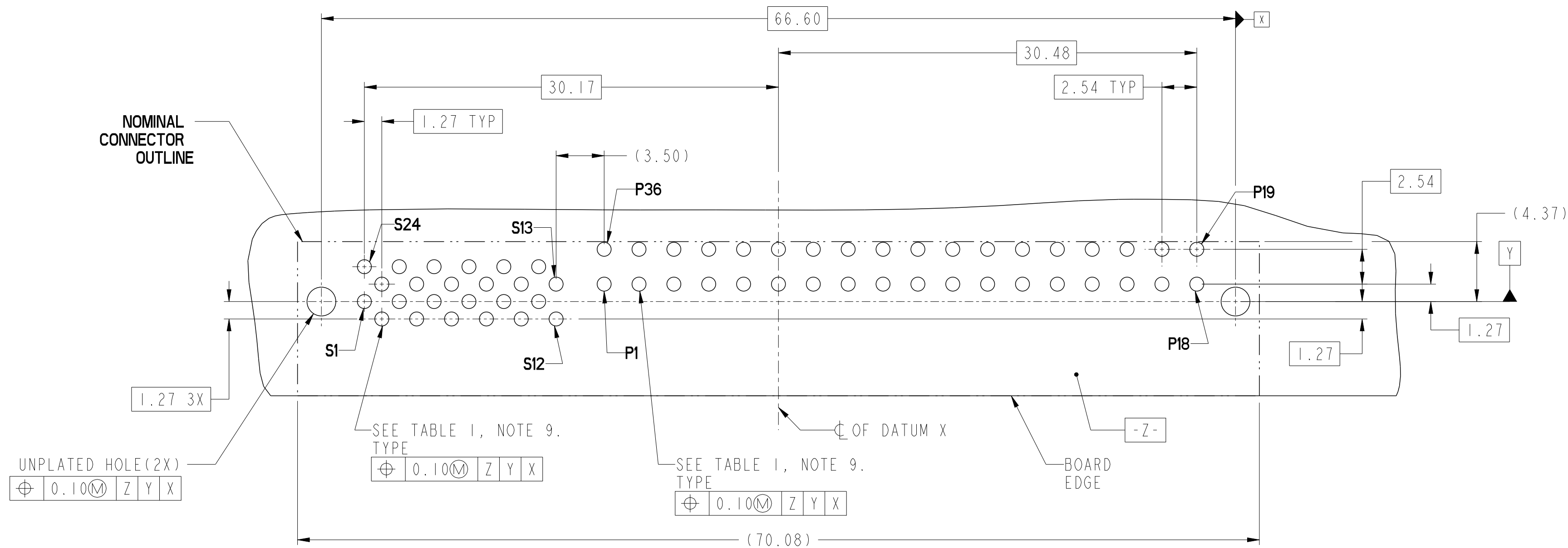
|                                                                                               |  |                                       |  |       |  |                |  |                                                                                       |  |                                                                                       |  |                                                                                       |  |              |  |          |  |           |  |          |  |
|-----------------------------------------------------------------------------------------------|--|---------------------------------------|--|-------|--|----------------|--|---------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|--------------|--|----------|--|-----------|--|----------|--|
| spec ref                                                                                      |  | -                                     |  | dr    |  | Wei-Long Zhang |  | 2012/04/19                                                                            |  | projection                                                                            |  | MM                                                                                    |  | size         |  | A2       |  | scale     |  | 4:1      |  |
| tolerance std                                                                                 |  | TOLERANCES UNLESS OTHERWISE SPECIFIED |  | eng   |  | Wei-Long Zhang |  | 2012/05/23                                                                            |  |  |  |  |  | ecn no       |  | -        |  | rel level |  | Released |  |
| ISO 406                                                                                       |  |                                       |  |       |  |                |  |                                                                                       |  |                                                                                       |  |                                                                                       |  |              |  |          |  |           |  |          |  |
| ISO 1101                                                                                      |  |                                       |  |       |  |                |  |                                                                                       |  |                                                                                       |  |                                                                                       |  |              |  |          |  |           |  |          |  |
|                                                                                               |  |                                       |  | chr   |  | -              |  | -                                                                                     |  | product family                                                                        |  |                                                                                       |  |              |  |          |  |           |  |          |  |
|                                                                                               |  |                                       |  | appr  |  | Pei-Ming Zheng |  | 2012/05/28                                                                            |  |                                                                                       |  |                                                                                       |  |              |  |          |  |           |  |          |  |
| surface  |  | linear                                |  | 0.X   |  | ±0.3           |  |  |  | title                                                                                 |  | R/A RECT (24S-36P)                                                                    |  | dwg no       |  | 10120821 |  | rev       |  | A        |  |
|                                                                                               |  |                                       |  | 0.XX  |  | ±0.10          |  |                                                                                       |  |                                                                                       |  |                                                                                       |  |              |  |          |  |           |  |          |  |
|                                                                                               |  |                                       |  | 0.XXX |  | ±0.05          |  |                                                                                       |  |                                                                                       |  |                                                                                       |  |              |  |          |  |           |  |          |  |
| ISO 1302                                                                                      |  | angular                               |  | 0°    |  | ±2°            |  | www.fci.com                                                                           |  | cat. no.                                                                              |  | Product - Customer Drw                                                                |  | sheet 1 of 4 |  |          |  |           |  |          |  |

PDS: Rev :A

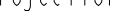
STATUS:Released

Printed: May 28, 2012

| 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            |



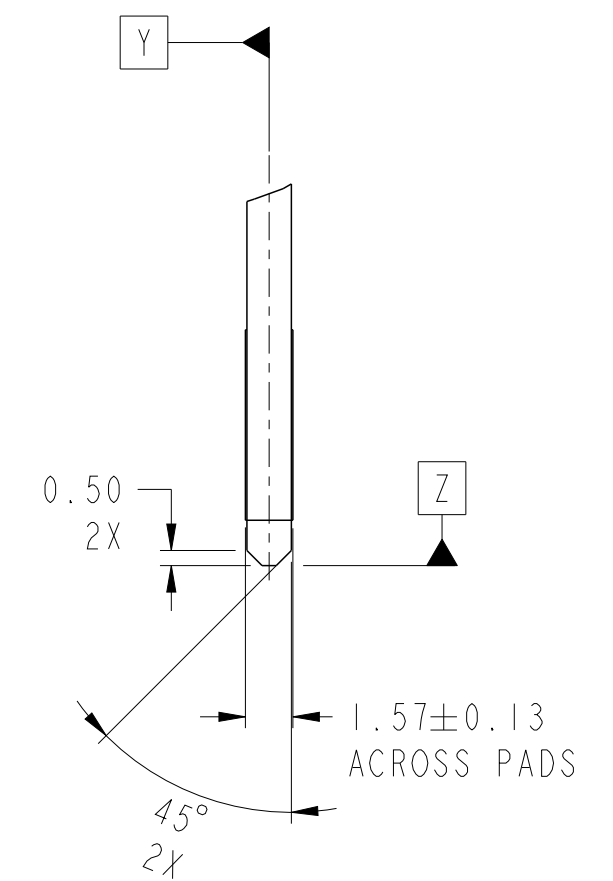
# RECOMMENDED PCB LAYOUT

|                                                                                                           |                |                                |                                                                                       |                                                                                                     |                                                                                             |                |                    |
|-----------------------------------------------------------------------------------------------------------|----------------|--------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|----------------|--------------------|
| spec ref -                                                                                                |                | dr Wei-Long Zhang 2012/04/19   |                                                                                       | projection<br> | MM<br> | size A2        | scale 4:1          |
| tolerance std ISO 406<br>ISO 1101                                                                         |                | eng Wei-Long Zhang 2012/05/23  |                                                                                       |                                                                                                     |                                                                                             | ecn no -       | rel level Released |
| TOLERANCES UNLESS OTHERWISE SPECIFIED                                                                     |                | chr - -                        |                                                                                       |                                                                                                     |                                                                                             | product family |                    |
|                                                                                                           |                | appr Pei-Ming Zheng 2012/05/28 |                                                                                       |                                                                                                     |                                                                                             |                |                    |
| surface <br>ISO 1302 | linear         | 0.X ±0.3                       |  | R/A RECT (24S-36P)<br>HIGH POWER CARD EDGE                                                          | dwg no 10120821                                                                             | rev A          |                    |
|                                                                                                           |                | 0.XX ±0.10                     |                                                                                       |                                                                                                     |                                                                                             |                |                    |
|                                                                                                           |                | 0.XXX ±0.05                    |                                                                                       |                                                                                                     |                                                                                             |                |                    |
|                                                                                                           | angular 0° ±2° | www.fci.com                    | cat. no.                                                                              | Product - Customer Drw                                                                              |                                                                                             | sheet 2 of 4   |                    |

PDS: Rev :A

STATUS:Released

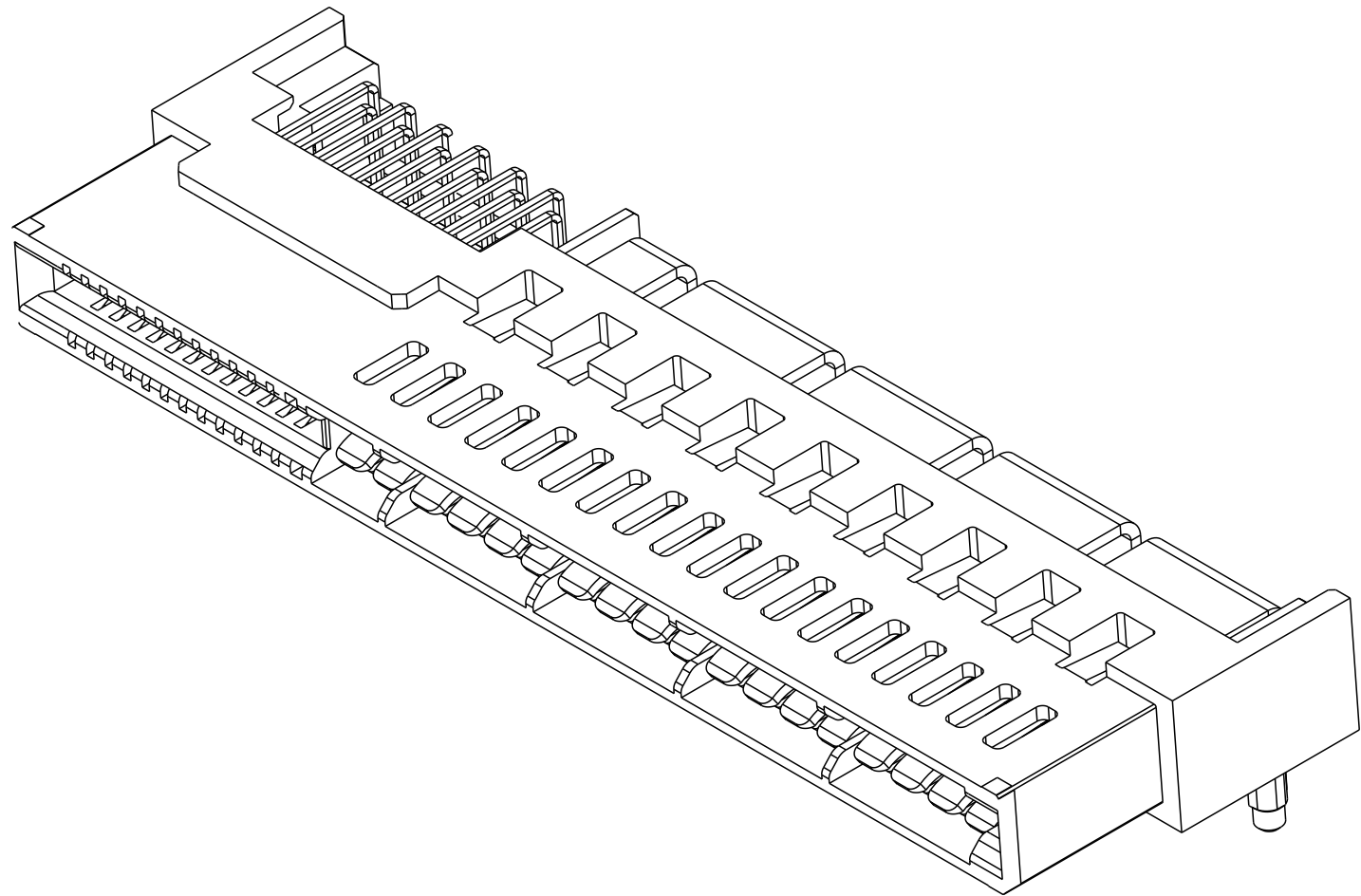
Printed: May 28, 2012



|               |  |                                       |  |       |  |                |  |             |  |                                                                                       |  |                       |  |              |  |
|---------------|--|---------------------------------------|--|-------|--|----------------|--|-------------|--|---------------------------------------------------------------------------------------|--|-----------------------|--|--------------|--|
| spec ref      |  | -                                     |  | dr    |  | Wei-Long Zhang |  | 2012/04/19  |  | projection                                                                            |  | size                  |  | scale        |  |
| tolerance std |  | TOLERANCES UNLESS OTHERWISE SPECIFIED |  | eng   |  | Wei-Long Zhang |  | 2012/05/23  |  |  |  | A2                    |  | 4:1          |  |
| ISO 406       |  |                                       |  | chr   |  | -              |  | -           |  |  |  | ecn no                |  | -            |  |
| ISO 1101      |  |                                       |  | appr  |  | Pei-Ming Zheng |  | 2012/05/28  |  | product family                                                                        |  | rel level             |  | Released     |  |
| surface       |  | linear                                |  | 0.X   |  | ±0.3           |  | FCI         |  | title                                                                                 |  | R/A RECT (24S-36P)    |  | rev          |  |
|               |  |                                       |  | 0.XX  |  | ±0.10          |  |             |  |                                                                                       |  | 10120821              |  | A            |  |
|               |  |                                       |  | 0.XXX |  | ±0.05          |  |             |  |                                                                                       |  |                       |  |              |  |
| ISO 1302      |  | angular                               |  | 0°    |  | ±2°            |  | www.fci.com |  | cat. no.                                                                              |  | Product- Customer Drw |  | sheet 3 of 4 |  |

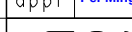
Printed: May 28, 2012

| HPCE PART NUMBER (TABLE 2) |             |                  |                 |                             |
|----------------------------|-------------|------------------|-----------------|-----------------------------|
| PART NUMBER                | TAIL TYPE   | HOLD-DOWN OPTION | ORIENTATION KEY | DIM "A" TYPICAL TAIL LENGTH |
| 10120821-001LF             | SOLDER TAIL | NO               | YES             | 3.25±0.25                   |
| 10120821-002LF             |             |                  | NO              |                             |
| 10120821-003LF             |             | YES              | YES             |                             |
| 10120821-004LF             |             |                  | NO              |                             |
| 10120821-005LF             |             | NO               | YES             | 2.60±0.25                   |
| 10120821-006LF             |             |                  | NO              |                             |
| 10120821-007LF             |             | YES              | YES             |                             |
| 10120821-008LF             |             |                  | NO              |                             |



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 (FCI - PART NUMBER & DATE CODE) ON HOUSING IN AREA SHOWN.
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 2.10 +/- 0.1 FOR SOLDER TAILS

|                                                                                               |  |                     |  |                |  |                                                                                                                                                                                                                                       |          |                          |           |                 |  |       |  |
|-----------------------------------------------------------------------------------------------|--|---------------------|--|----------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--------------------------|-----------|-----------------|--|-------|--|
| spec ref -                                                                                    |  | dr Wei-Long Zhang   |  | 2012/04/19     |  | <div>projection</div> <div></div> <div>MM</div> <div></div> | size A2  |                          | scale 4:1 |                 |  |       |  |
| tolerance std                                                                                 |  | eng Wei-Long Zhang  |  | 2012/05/23     |  |                                                                                                                                                                                                                                       | ecn no - | rel level Released       |           |                 |  |       |  |
| ISO 406                                                                                       |  | chr -               |  | -              |  |                                                                                                                                                                                                                                       |          |                          |           |                 |  |       |  |
| ISO 1101                                                                                      |  | appr Pei-Ming Zheng |  | 2012/05/28     |  |                                                                                                                                                                                                                                       |          |                          |           |                 |  |       |  |
|                                                                                               |  |                     |  | product family |  |                                                                                                                                                                                                                                       |          |                          |           |                 |  |       |  |
| surface  |  | linear              |  | 0.X ±0.3       |  |                                                                                                                                                  |          | title R/A RECT (24S-36P) |           | dwg no 10120821 |  | rev A |  |
|                                                                                               |  | 0.XX ±0.10          |  |                |  |                                                                                                                                                                                                                                       |          |                          |           |                 |  |       |  |
|                                                                                               |  | 0.XXX ±0.05         |  |                |  |                                                                                                                                                                                                                                       |          |                          |           |                 |  |       |  |
| ISO 1302                                                                                      |  | angular 0° ±2°      |  | www.fci.com    |  | cat. no.                                                                                                                                                                                                                              |          | Product - Customer Drw   |           | sheet 4 of 4    |  |       |  |

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