

| | | | | | | | | | | | |
|---------------|---------------------------------------|------|----------------|------------|----------------|-----|-------------|------------------------|--------------|----------|---|
| spec ref | * | dr | DuWa | 2010/04/28 | projection | MM | size | A2 | scale | 1:1 | |
| tolerance std | - | eng | Helen Zhang | 2012/07/23 | | | ecn no | - | rel level | Released | |
| ASME Y14.5 | TOLERANCES UNLESS OTHERWISE SPECIFIED | chr | - | | | | | | | | |
| | | appr | Pei-Ming Zheng | 2012/07/23 | | | | | | | |
| surface | ✓ | | | | product family | - | cat. no. | R/A HDR ASSY IP-4S-IP | 10108304 | rev | A |
| ASME Y14.5 | linear | 0.X | ±.5 | angular | 0° | ±2° | www.fci.com | Product - Customer Drw | sheet 1 of 5 | | |

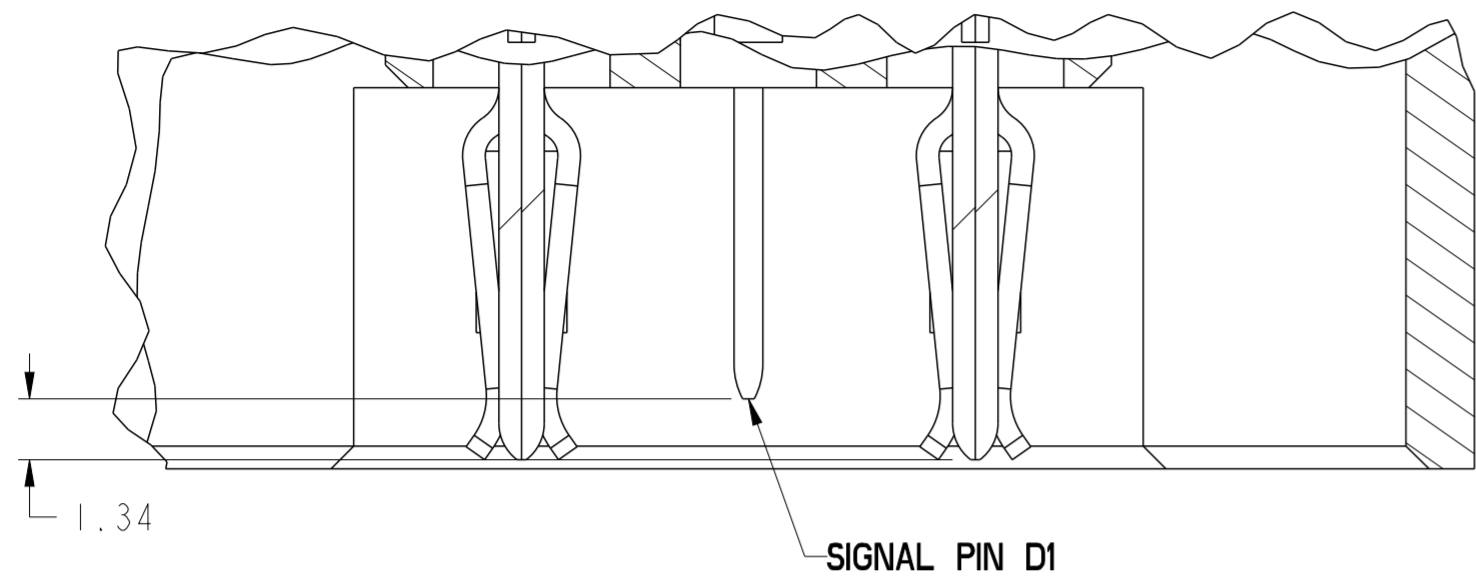
PDS: Rev :A

STATUS:Released

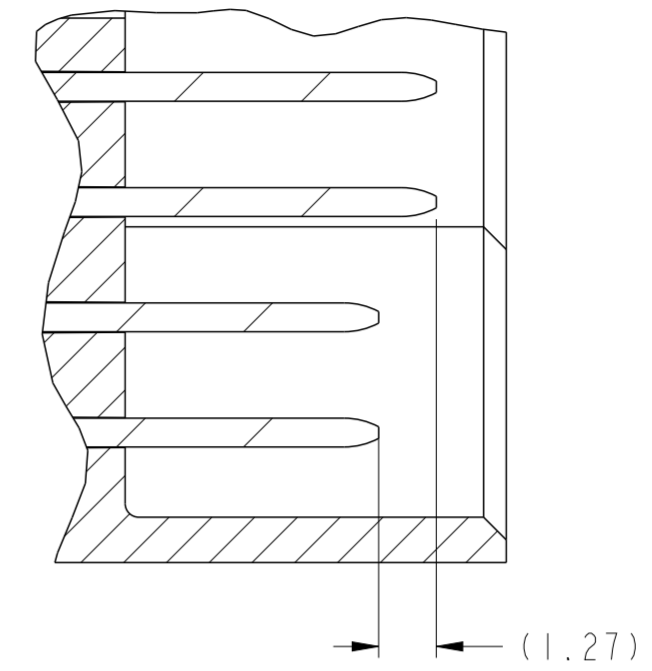
Printed: Jul 23, 2012



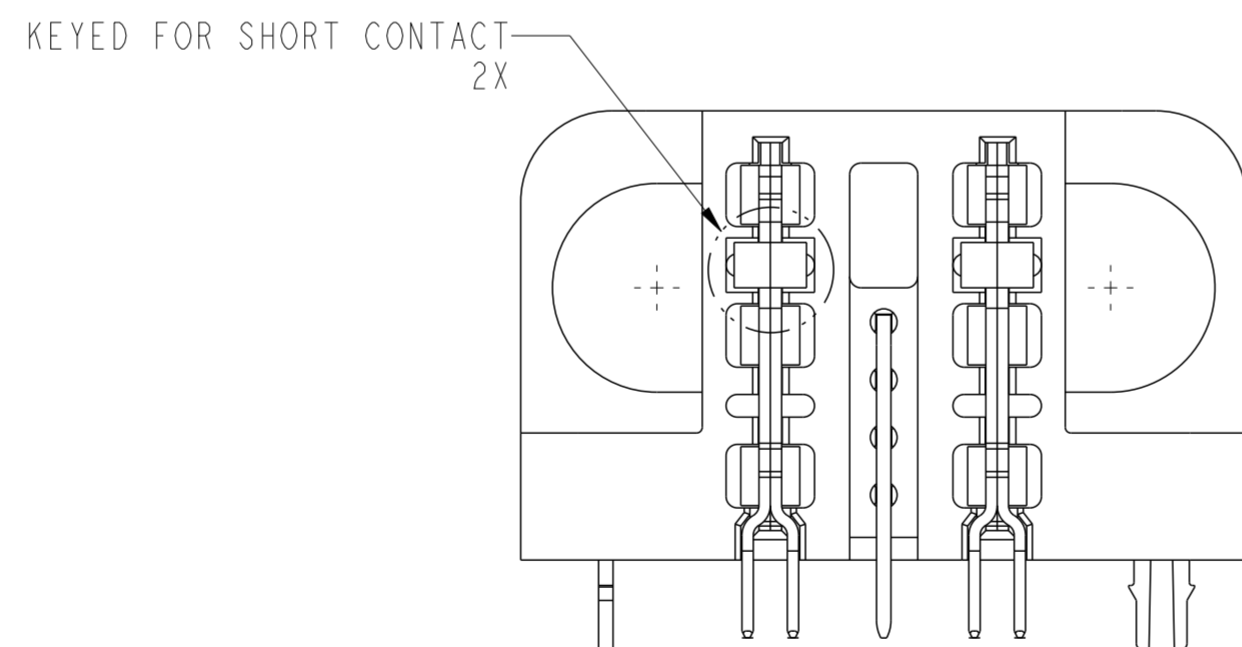
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DETAIL C
SCALE 6:1
 POWER MATING
 SEQUENCE



SECTION W-W
SCALE 6:1
 SIGNAL MATING
 SEQUENCE



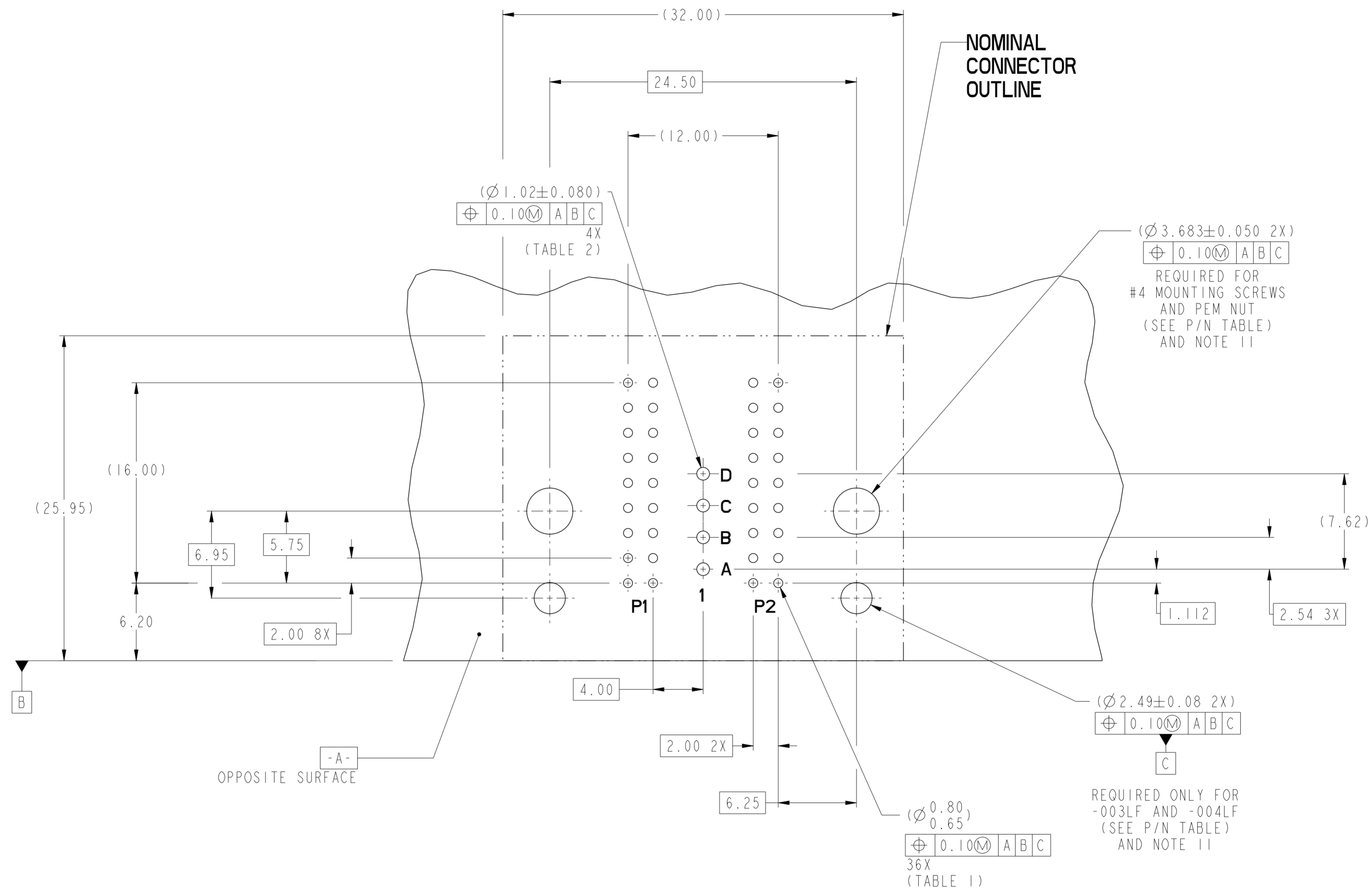
VIEW G-G

| | | | | | | | | | | | | | | | |
|---------------------------------------|------------|------|----------------|------------|------------|-------|----------------|-----------------------|-----------|----------|-------------|----------|---|------------------------|--------------|
| spec ref | * | dr | DuWa | 2010/04/28 | projection | MM | size | A2 | scale | 1:1 | | | | | |
| tolerance std | ASME Y14.5 | eng | Helen Zhang | 2012/07/23 | | | ecn no | - | rel level | Released | | | | | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED | | chr | - | 2012/07/23 | | | product family | - | rel level | Released | | | | | |
| surface | ✓ | appr | Pei-Ming Zheng | 2012/07/23 | | | title | R/A HDR ASSY IP-4S-1P | | rev | A | | | | |
| ASME Y14.5 | linear | 0.X | ±.5 | 0.XX | ±.25 | 0.XXX | ±.10 | angular | 0° | ±2° | www.fci.com | cat. no. | - | Product - Customer Drw | sheet 2 of 5 |

PDS: Rev :A

STATUS:Released

Printed: Jul 23, 2012



**RECOMMENDED PCB LAYOUT
COMPONENT SIDE**

NOTE 6

| | | | | | | | | | | |
|---------------|------------|------|----------------|--|----------------|--------------------|----------|----------|------------------------|--------------|
| spec ref | * | dr | DuWa | 2010/04/28 | projection | MM | size | A2 | scale | 4:1 |
| tolerance std | ASME Y14.5 | eng | Helen Zhang | 2012/07/23 | chr | - | ecn no | - | rel level | Released |
| surface | ✓ | appr | Pei-Ming Zheng | 2012/07/23 | product family | - | cat. no. | - | Product - Customer Drw | sheet 3 of 5 |
| ASME Y14.5 | linear | 0.X | ±.5 | 0.XX | ±.25 | 0.XXX | ±.10 | angular | 0° | ±2° |
| | | | | FCI R/A HDR ASSY IP-4S-IP HCI POWER CONNECTOR | | dwg no 10108304 | | rev A | | |

A

B

C

D

E

F

A

B

C

D

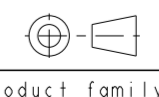
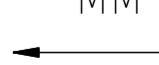
E

F

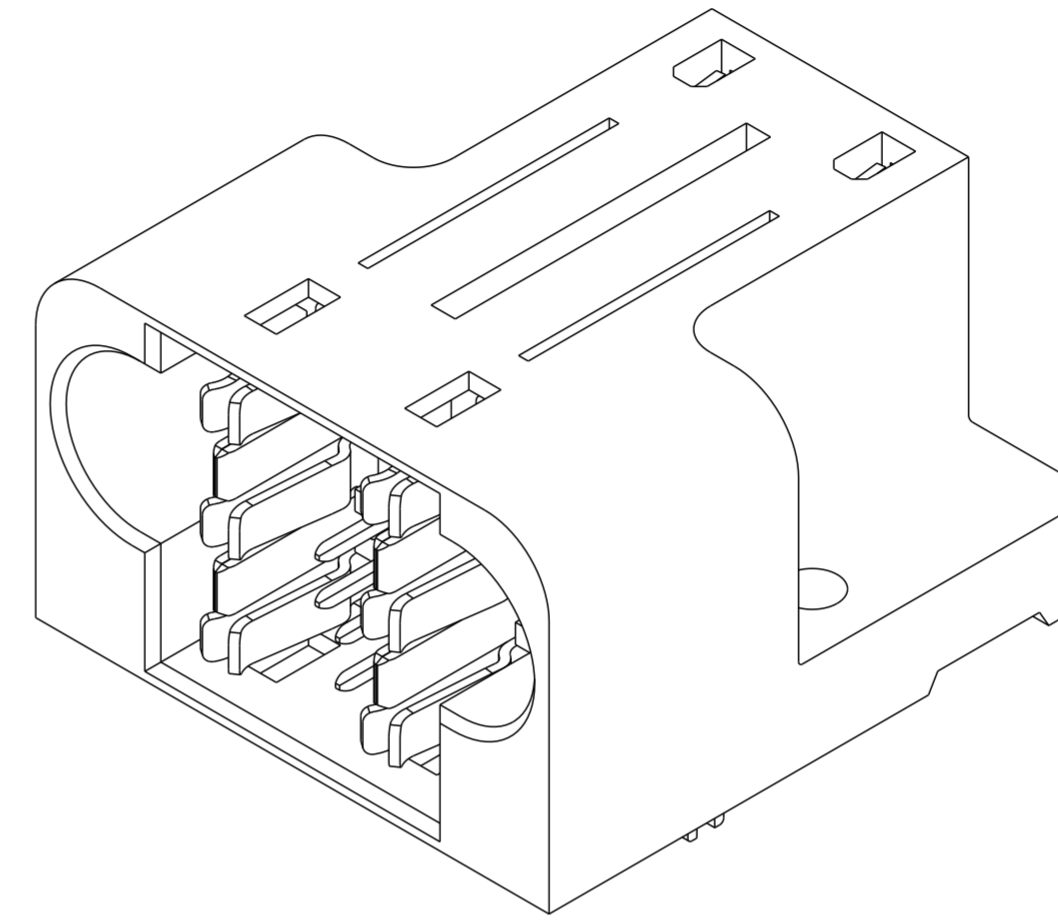
| TOP LAYER DESCRIPTION | TABLE 1 (HCI POWER) PLATED THROUGH-HOLE REQUIREMENTS | | | | | | | |
|-----------------------|---|------------------|--------------------|------------------|--------------------|---------------|------------------|------------------------|
| | DRILLED HOLE DIAMETER | COPPER THICKNESS | TIN-LEAD THICKNESS | NICKEL THICKNESS | GOLD THICKNESS | TIN THICKNESS | SILVER THICKNESS | FINISHED HOLE DIAMETER |
| 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 |
| IMMERSION SILVER | 0.81-0.86 (0.85 DRILL) | 0.025 - 0.050 | -- | -- | -- | -- | 0.15 - 0.65um | 0.70 - 0.80 |
| COPPER (SEE NOTE 9) | 0.81-0.86 (0.85 DRILL) | 0.025 - 0.050 | -- | -- | -- | -- | -- | 0.70 - 0.80 |
| GOLD | 0.81-0.86 (0.85 DRILL) | 0.025 - 0.050 | -- | 0.003 - 0.007 | FLASH UP TO 0.0002 | -- | -- | 0.69 - 0.80 |

| TOP LAYER DESCRIPTION | TABLE 2 (HPC SIGNALS) PLATED THROUGH-HOLE REQUIREMENTS | | | |
|-----------------------|---|------------------|--------------------|--|
| | DRILLED HOLE DIAMETER | COPPER THICKNESS | TIN-LEAD THICKNESS | FINISHED HOLE DIAMETER |
| TIN-LEAD | 1.125-1.175 ($\varnothing .0453 \pm .0010$) | 0.025-0.050 | 0.005-0.015 | 0.94 - 1.10 ($\varnothing .040 \pm .003$) |

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|---------------|--|-------------|-------------|------------|---|---|--------|----|-----------|----------|----------------|------------|----------------|---|-------|------|---------|
| spec ref | * | dr | DuWa | 2010/04/28 | projection | MM | size | A2 | scale | 4:1 | | | | | | | |
| tolerance std | - | eng | Helen Zhang | 2012/07/23 |  |  | ecn no | - | rel level | Released | | | | | | | |
| ASME Y14.5 | TOLERANCES UNLESS OTHERWISE SPECIFIED | chr | - | apppr | | | | | | | Pei-Ming Zheng | 2012/07/23 | product family | - | | | |
| surface | <table border="1"> <tr> <td>linear</td> <td>0.X</td> <td>±.5</td> </tr> <tr> <td></td> <td>0.XX</td> <td>±.25</td> </tr> <tr> <td></td> <td>0.XXX</td> <td>±.10</td> </tr> <tr> <td>angular</td> <td>0°</td> <td>±2°</td> </tr> </table> | linear | 0.X | ±.5 | | | | | | | | 0.XX | ±.25 | | 0.XXX | ±.10 | angular |
| linear | 0.X | ±.5 | | | | | | | | | | | | | | | |
| | 0.XX | ±.25 | | | | | | | | | | | | | | | |
| | 0.XXX | ±.10 | | | | | | | | | | | | | | | |
| angular | 0° | ±2° | | | | | | | | | | | | | | | |
| ASME Y14.5 | | www.fci.com | cat. no. | - | Product - Customer Drw | sheet 4 of 5 | | | | | | | | | | | |

| PART NUMBER | RETENTION CLIPS | #4 SCREW | DIM A (TAIL LENGTH) | TAIL TYPE |
|----------------|-----------------|----------|---------------------|-------------|
| 10108304-001LF | NO | YES | 3.43 | SOLDER TAIL |
| 10108304-002LF | NO | YES | 4.70 | SOLDER TAIL |
| 10108304-003LF | YES | NO | 3.43 | SOLDER TAIL |
| 10108304-004LF | YES | NO | 4.70 | SOLDER TAIL |



NOTES:

1. CONNECTOR MATERIALS:
HOUSING: HIGH TEMPERATURE THERMOPLASTIC, BLACK
UL 94V-0 COMPLIANT
CONTACTS: HIGH PERFORMANCE COPPER ALLOY
2. CONTACT FINISH (ref GS-12-380 SECTION 5.2)
3. PRODUCT SPECIFICATION: GS-12-380. (IN PROGRESS)
4. APPLICATION SPECIFICATION: GS-20-070. (IN PROGRESS)
5. MINIMUM NOMINAL PCB THICKNESS: 1.6mm
6. PACKAGING MEETS FCI SPECIFICATION GS-14-1073.
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.

| | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|--|----------|-------------|------------------------|--------------|----|--------|-----------|----------|-----|-------|------|---------|----|-----|------|----------------|------------|-------|--|--------|----------|
| spec ref | * | dr | DuWa | 2010/04/28 | projection | MM | size | A2 | scale | 1:1 | | | | | | | | | | | | |
| tolerance std | ASME Y14.5 | eng | Helen Zhang | 2012/07/23 | | | ecn no | - | Released | | | | | | | | | | | | | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED | | chr | - | product family | | | - | rel level | - | | | | | | | | | | | | | |
| surface | <table border="1"> <tr> <td>linear</td> <td>0.X</td> <td>±.5</td> </tr> <tr> <td></td> <td>0.XX</td> <td>±.25</td> </tr> <tr> <td></td> <td>0.XXX</td> <td>±.10</td> </tr> <tr> <td>angular</td> <td>0°</td> <td>±2°</td> </tr> </table> | linear | 0.X | ±.5 | | | | 0.XX | ±.25 | | 0.XXX | ±.10 | angular | 0° | ±2° | appr | Pei-Ming Zheng | 2012/07/23 | title | R/A HDR ASSY IP-4S-1P HCI POWER CONNECTOR | dwg no | 10108304 |
| linear | 0.X | ±.5 | | | | | | | | | | | | | | | | | | | | |
| | 0.XX | ±.25 | | | | | | | | | | | | | | | | | | | | |
| | 0.XXX | ±.10 | | | | | | | | | | | | | | | | | | | | |
| angular | 0° | ±2° | | | | | | | | | | | | | | | | | | | | |
| www.fci.com | | cat. no. | - | Product - Customer Drw | sheet 5 of 5 | | | | | | | | | | | | | | | | | |

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:

- Конкуренеспособные 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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