

1 2 3 4 5 6 7 8

A

B

C

D

E

F

A

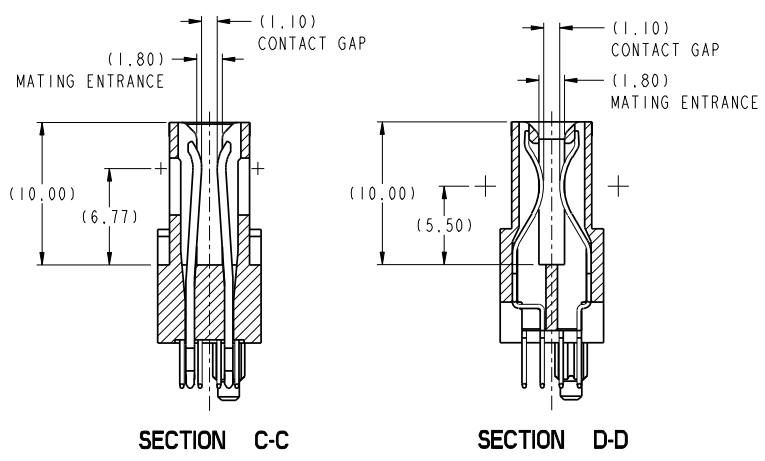
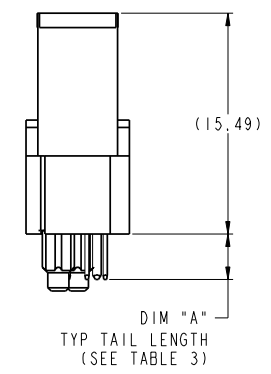
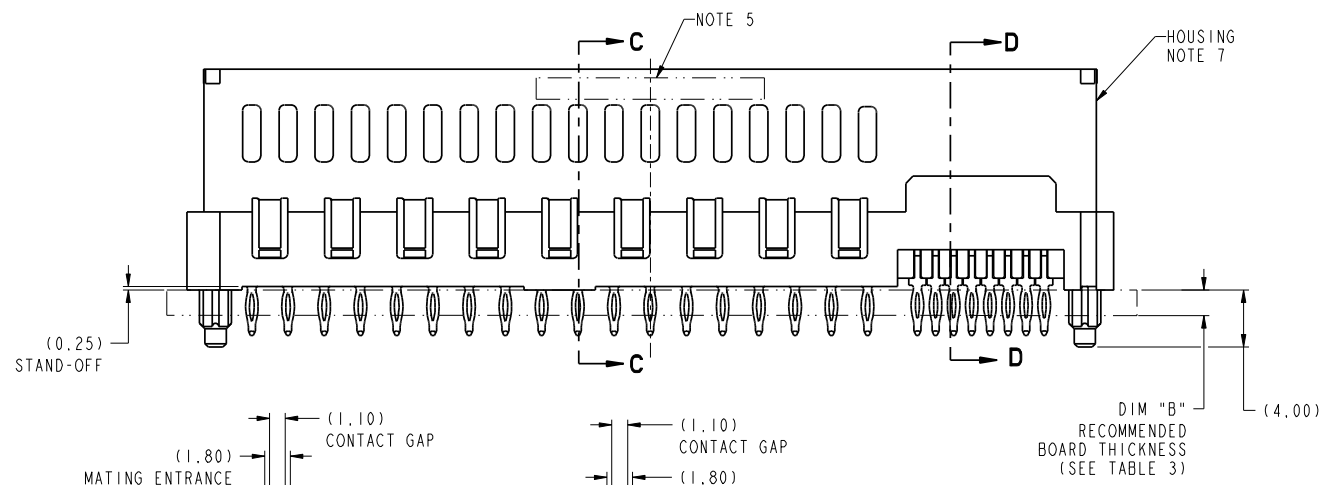
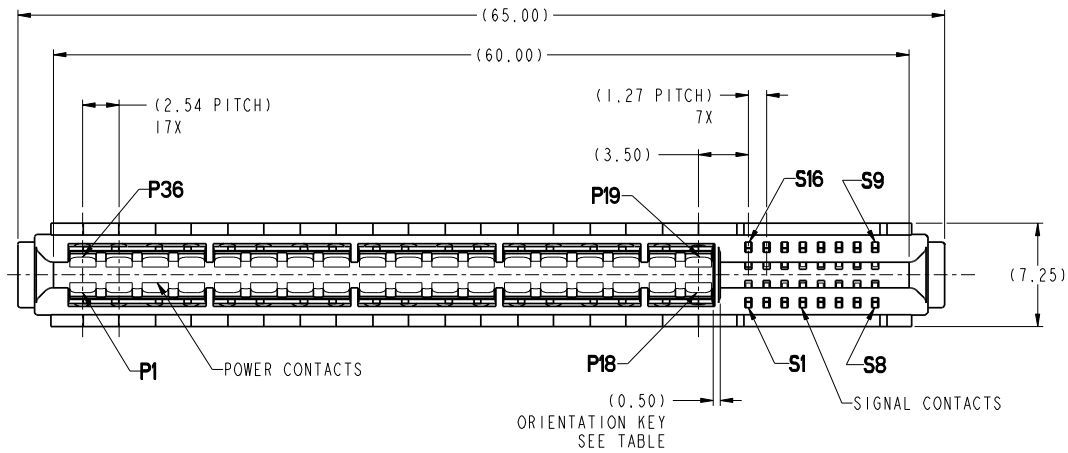
B

C

D

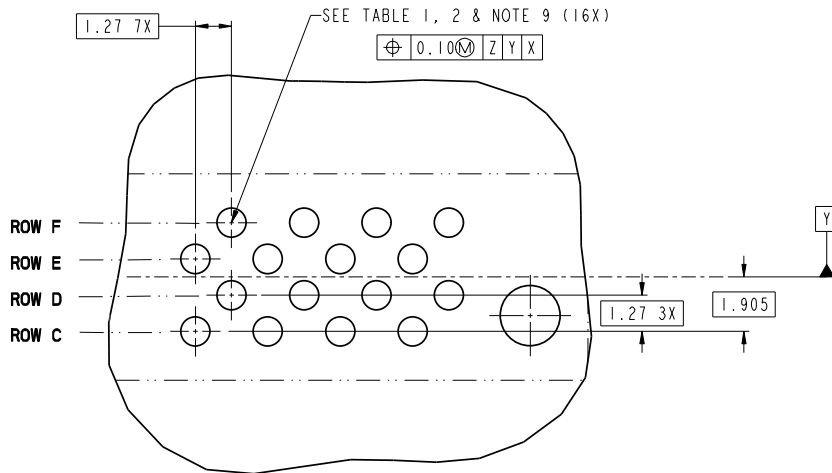
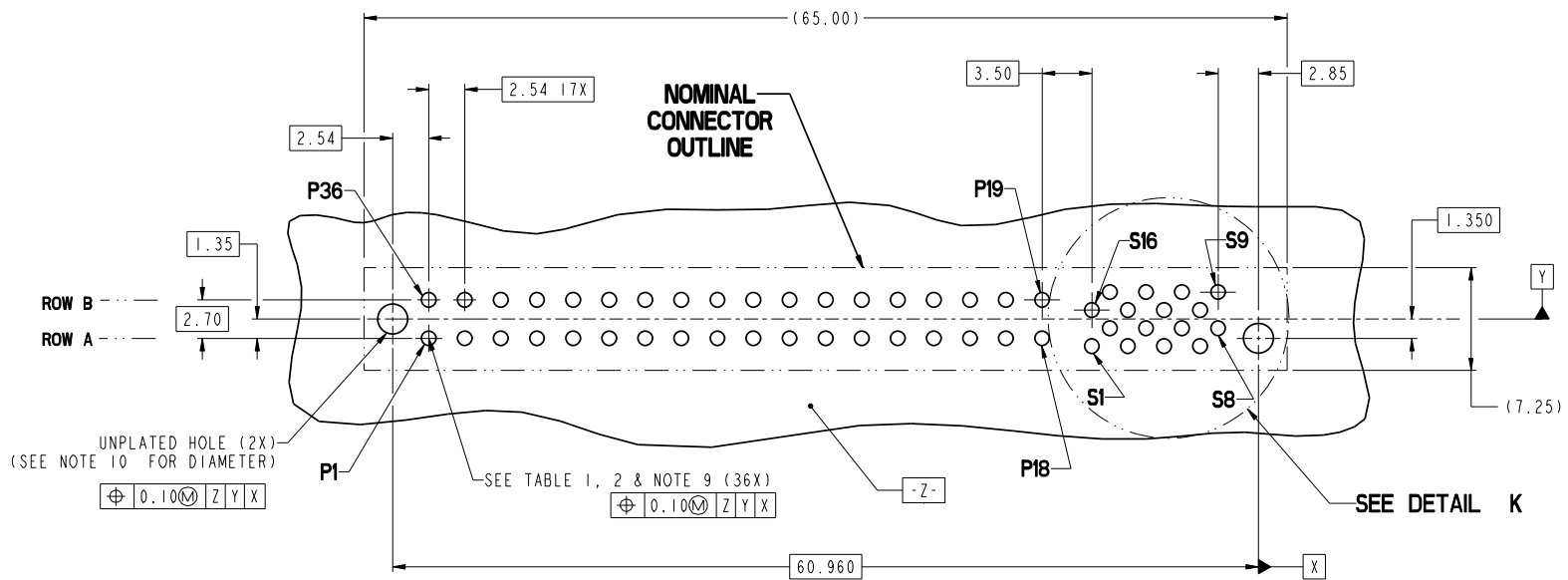
E

F



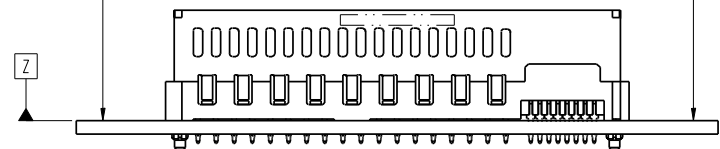
| | | | | | | | | | | |
|---------------------------------------|------------|-------|-------------|------------|--|-----------|------------------------|--------------|-------|-----|
| spec ref | - | dr | HELEN ZHANG | 2011-07-19 | projection | MM | size | A2 | scale | 4:1 |
| tolerance std | ASME Y14.5 | eng | WL ZHANG | 2011-07-19 | chr | WL ZHANG | 2011-07-19 | ecn no | | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED | | appr | PM ZHENG | 2011-07-19 | product family | CARD EDGE | rel level | Released | | |
| surface | linear | 0.X | ±0.3 | | VERT RECT (36P-16S) HIGH POWER CARD EDGE | | | 10115567 | rev | A |
| | linear | 0.XX | ±0.10 | | | | | | | |
| | angular | 0.XXX | ±0.050 | | | | | | | |
| | angular | 0° | ±2° | www.fcicom | cat. no. | - | Product - Customer Drw | sheet 1 of 4 | | |

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DETAIL K
SCALE 8:1

**RECOMMENDED PCB LAYOUT
VIEWED FROM CONNECTOR SIDE**

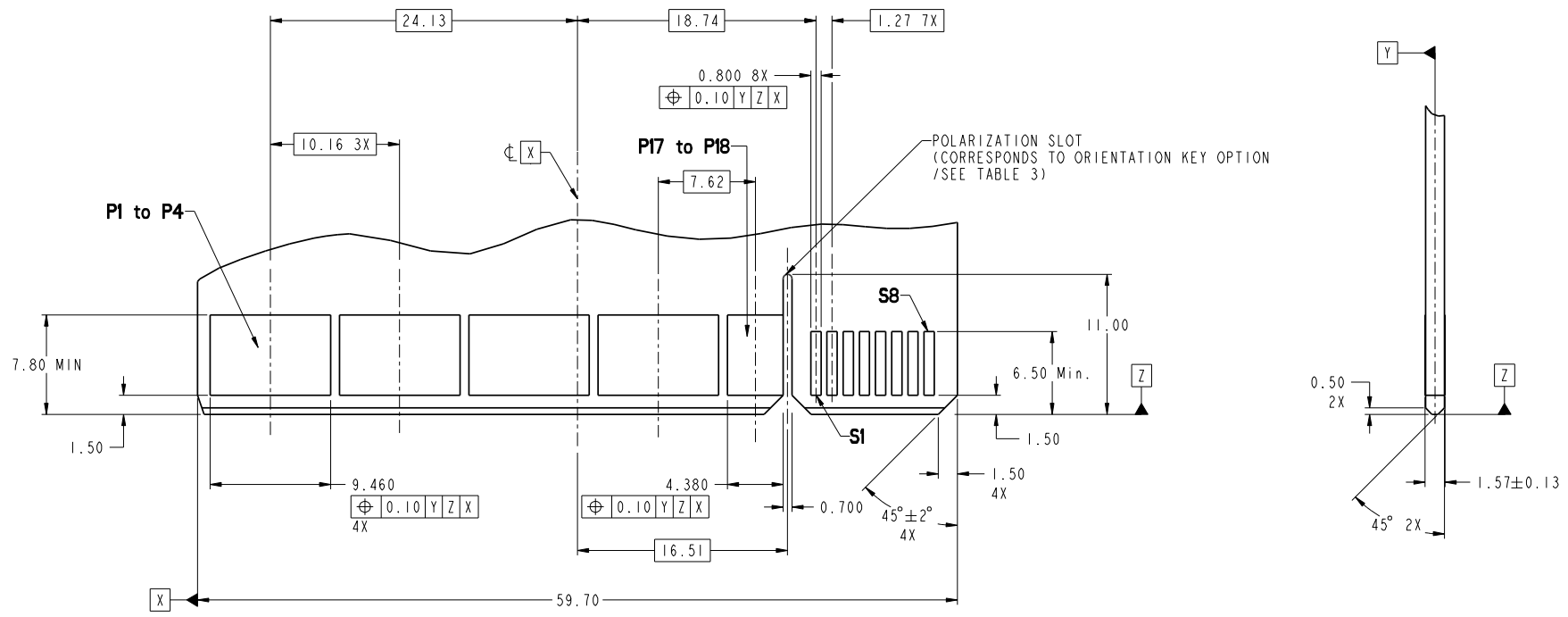


| | | | | | | | | |
|------------|-------------|------------|--|-----------|------------------------|----------|--------------|-----|
| dr | HELEN ZHANG | 2011-07-19 | projection | MM | size | A2 | scale | 4:1 |
| eng | WL ZHAGN | 2011-07-19 | | | ecm no. | | | |
| chr | WL ZHAGN | 2011-07-19 | | | | | | |
| appr | PM ZHENG | 2011-07-19 | product family | CARD EDGE | rel level | Released | | |
| | | | VERT RECT (36P-16S) HIGH POWER CARD EDGE | | dwg no. | 10115567 | rev | A |
| www.fcicom | | | col. no. | | Product - Customer Drw | | sheet 2 of 4 | |

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| CONTACT TYPE | TOP LAYER DESCRIPTION | TABLE 1 (HPCE / SOLDER TAILS) 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) 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 |



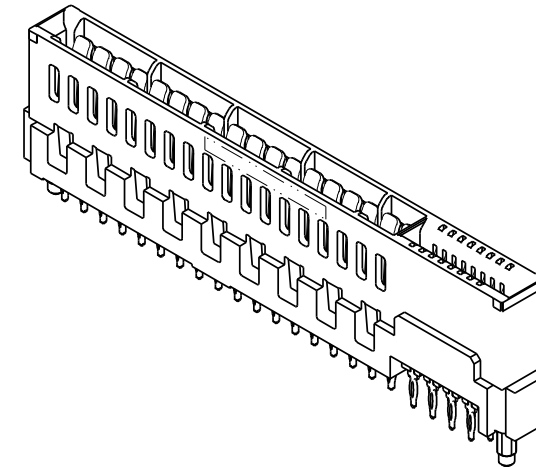
RECOMMENDED MATING BOARD FOOTPRINT

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FCI

| | | | | | | | | |
|------------|-------------|------------|----------------|------------------------|--------------|----------|-------|-----|
| dr | HELEN ZHANG | 2011-07-19 | projection | MM | size | A2 | scale | 4:1 |
| eng | WL ZHAGN | 2011-07-19 | | CARD EDGE | ecm no | | | |
| chr | WL ZHAGN | 2011-07-19 | | | rel level | Released | | |
| appr | PM ZHENG | 2011-07-19 | product family | HIGH POWER CARD EDGE | | | | |
| www.fcicom | | | cat. no. | Product - Customer Drw | sheet 3 of 4 | | | |

HPCE PART NUMBER (TABLE 3)

| PART NUMBER | TAIL TYPE | ORIENTATION KEY | DIM "A" TYPICAL TAIL LENGTH | DIM "B" RECOMMENDED BOARD THICKNESS |
|----------------|-----------|-----------------|-----------------------------|-------------------------------------|
| 10115567-001LF | SOLDER | YES | 3.17 ±0.25 | 1.59 - 2.38 |
| 10115567-002LF | SOLDER | NO | | |
| 10115567-003 | PRESS-FIT | YES | 3.17 ±0.25 | 1.57 MIN |
| 10115567-003LF | PRESS-FIT | YES | | |
| 10115567-004 | PRESS-FIT | NO | | |
| 10115567-004LF | PRESS-FIT | 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 2.40 +/- 0.1 FOR PRESS-FIT TAILS
 Ø 2.10 +/- 0.1 FOR SOLDER TAILS

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| | | | | | | | | | |
|---|-------------|------------|---|---|----------------------|-----------------------|---------------------|----------|--------------|
| dr | HELEN ZHANG | 2011-07-19 | projection | MM | size | A2 | scale | 4:1 | |
| eng | WL ZHAGN | 2011-07-19 |  |  | card no CARD EDGE | rel level Released | part no 10115567 | rev A | |
| chr | WL ZHAGN | 2011-07-19 | | | | | | | |
| appr | PM ZHENG | 2011-07-19 | Product - Customer Drw | | | | | | sheet 4 of 4 |
|  | | | VERT RECT (36P-16S) HIGH POWER CARD EDGE | | | www.fcicom.com | | | |

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

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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

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