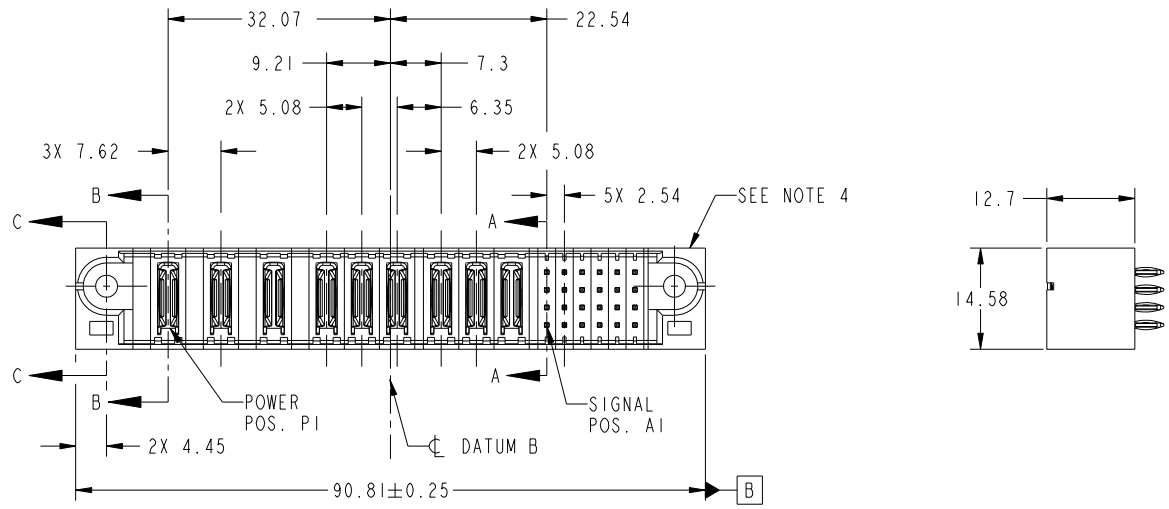


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| PRODUCT NO. | ROWS | POWER | | | | | | | | | SIGNAL | | | | | | | |
|-----------------------|------------------|-------|----|----|----|----|----|----|----|----|--------|---|---|---|---|---|---|----|
| | | E1 | P1 | P2 | P3 | P4 | P5 | P6 | P7 | P8 | P9 | 1 | 2 | 3 | 4 | 5 | 6 | E2 |
| 51952-142-- NOTE ③ | D C B A | | PC | PC | PC | PC | PC | PC | PC | PC | PC | G | K | G | G | G | K | |
| | | | | | | | | | | | | G | G | G | G | K | K | |
| | | | | | | | | | | | | G | G | G | G | K | K | |
| | | | | | | | | | | | | G | G | G | G | K | K | |



| CODE | DIM "M" MATING LENGTH | CONTACT TYPE |
|------|-----------------------|--------------|
| PC | [N/A] | POWER |
| G | [6.86] | SIGNAL |
| K | [5.59] | SIGNAL |

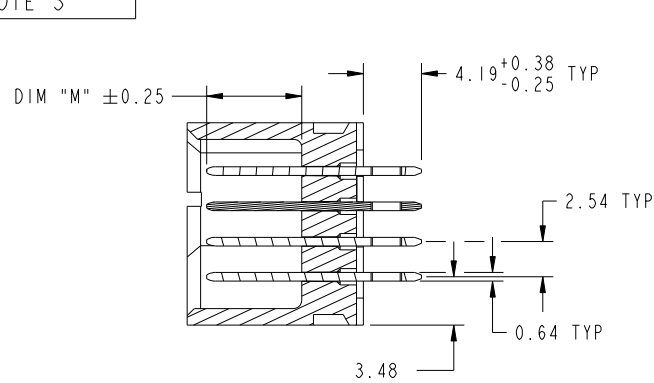
| | | | | | | | | | | | |
|-------------|----------------|----|----------|---------------------------------------|-------------|----------|------------|----------|---------------------------------------|--|--|
| mat'l code | | | | tolerances unless otherwise specified | | | | CUSTOMER | | | |
| lfr | ecn no. | dr | date | linear | 0.X ±0.5 | | COPY | | www.fciconnect.com | | |
| A | DG09-0018 | WD | 02/04/09 | | 0.XX ±0.25 | | projection | | title | | |
| | | | | | 0.XXX ±0.1 | | | | 9P + 24S VERTICAL PRESS-FIT HEADER | | |
| | | | | angles | 0° ±2° | | MIM | | product family PwrBlade code | | |
| | | | | dr | Warren Du | 12/18/08 | ← MIM → | | size | | |
| | | | | enr | Warren Du | 12/18/08 | scale | | dwg no | | |
| | | | | chr | Gary Hsieh | 12/18/08 | 1:1 | | 51952-142 | | |
| | | | | appd | JOSEPH HSIA | 12/18/08 | | | sheet | | |
| sheet index | revision sheet | A | A | A | A | | | | 1 of 4 | | |
| | | 1 | 2 | 3 | 4 | | | | cage code | | |
| | | | | | | | | | 22526 | | |

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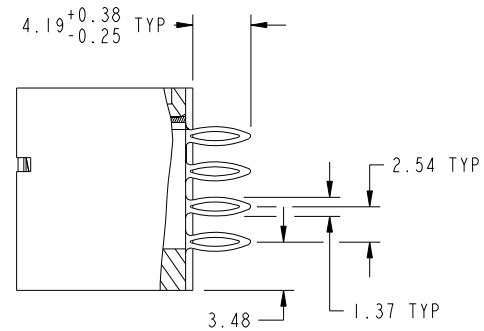


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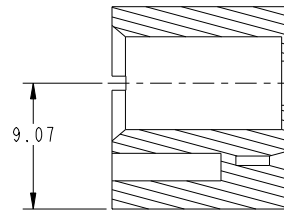
PRODUCT NUMBER
51952-142--
NOTE 3



SECTION A-A
SCALE 2:1



SECTION B-B
SCALE 2:1



SECTION C-C
SCALE 2:1

| | | | | | | | | | | | |
|-------------|---------|----------------|------|---------------------------------------|----------------------|------------|----------|---------------------------|--|----------|--|
| mat'l code | | | | tolerances unless otherwise specified | | | CUSTOMER | | | | |
| ltr | ecn no. | dr | date | linear | 0.X ±0.5 | projection | | www.fciconnect.com | | | |
| A | | | | | 0.XX ±0.25 | | | title | | 9P + 24S | |
| | | | | | 0.XXX ±0.1 | | | VERTICAL PRESS-FIT HEADER | | | |
| | | | | angles | 0° ±2° | MIM | | product family | | code | |
| | | | | dr | Warren Du 12/18/08 | | | PwrBlade | | 213 | |
| | | | | enr | Warren Du 12/18/08 | | | size | | sheet | |
| | | | | chr | Gary Hsieh 12/18/08 | | | A | | 2 of 4 | |
| | | | | appd | JOSEPH HSIA 12/18/08 | scale | | 51952-142 | | | |
| sheet index | | revision sheet | | | | 1:1 | | cage code | | | |
| | | | | | | | | 22526 | | | |

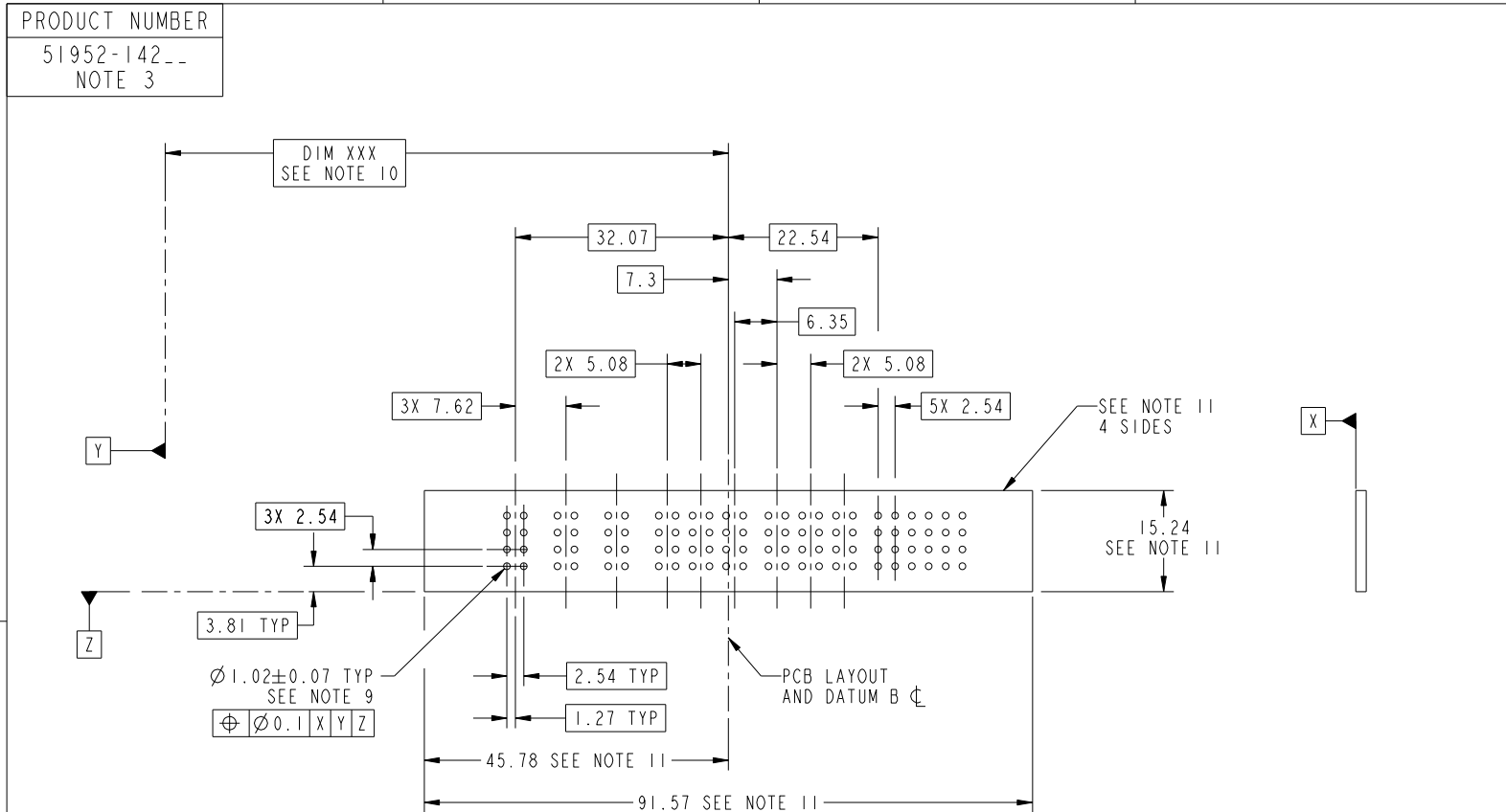
Pro/E

cage code
22526

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RECOMMENDED PCB LAYOUT

| | | | | | | | | | |
|-------------|----------------|----|------|---------------------------------------|----------------------|----------------|--|---------------------------|--------------|
| mat'l code | | | | tolerances unless otherwise specified | | CUSTOMER | | FCI | |
| ltr | ecn no. | dr | date | linear | 0.X ± 0.5 | COPY | | www.fciconnect.com | |
| A | | | | | 0.XX ± 0.25 | projection | | title 9P + 24S | |
| | | | | angles | 0.XXX ± 0.1 | MIM | | VERTICAL PRESS-FIT HEADER | |
| | | | | dr | Warren Du 12/18/08 | product family | | PwrBlade | code 213 |
| | | | | enr | Warren Du 12/18/08 | size | | dwg no | sheet 3 of 4 |
| | | | | chr | Gary Hsieh 12/18/08 | scale | | A | 51952-142 |
| | | | | appd | JOSEPH HSIA 12/18/08 | 1:1 | | | |
| sheet index | revision sheet | | | | | | | | |

cage code 22526

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PRODUCT NUMBER
51952-142--
NOTE 3

NOTES:

1. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED.

CONNECTOR NOTES:

- 2 HOUSING MATERIAL: UL 94 V-0 GLASS FILLED HIGH-TEMP THERMOPLASTIC
POWER CONTACT MATERIAL: COPPER ALLOY
SIGNAL PIN MATERIAL: COPPER ALLOY
 - 3. SEE ITEM 3 & 4 IN PRINT 10064183 FOR PLATING SPEC OF 51952-142 AND 51952-142LF RESPECTIVELY.
 - 4 MANUFACTURER'S NAME, P/N, AND DATE CODE TO APPEAR ON THIS SURFACE.
 - 5. PRODUCT SPECIFICATION GS-12-149.
APPLICATION SPECIFICATION BUS-20-067.
 - 6. PACKAGED IN TRAYS.
- PCB NOTES:
- 7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.
 - 8. MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.
- 9 $\varnothing 1.151 \pm 0.025$ DRILLED HOLES PLATED WITH
0.008 MIN SnPb OR Sn OVER .001 [0.03]
TO 0.08 Cu PLATING TO ACHIEVE
 $\varnothing 1.02 \pm .07$ HOLE.
 - 10 "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.
 - 11 CONNECTOR KEEP-OUT ZONE.
12. FOR PRESS FIT APPLICATION USE FCI CAM TOOL 430169-XXX.

| | | | | | | | | | |
|-------------|----------------|----|------|---------------------------------------|----------------------|------------|---|--------------------|----------|
| mat'l code | | | | tolerances unless otherwise specified | | CUSTOMER | | | |
| ltr | ecr no. | dr | date | linear | 0.X ± 0.5 | COPY | | www.fciconnect.com | |
| A | | | | | 0.XX ± 0.25 | projection | title 9P + 24S VERTICAL PRESS-FIT HEADER | | |
| | | | | angles | 0.XXX ± 0.1 | | | | |
| | | | | | 0° + 2° | MIM | | product family | PwrBlade |
| | | | | dr | Warren Du 12/18/08 | scale | | size | code |
| | | | | enr | Warren Du 12/18/08 | 1:1 | | dwg no | 213 |
| | | | | chr | Gary Hsieh 12/18/08 | A | | 51952-142 | sheet |
| | | | | appd | JOSEPH HSIA 12/18/08 | | | 4 of 4 | |
| sheet index | revision sheet | | | | | | | | |

cage code 22526



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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Факс: 8 (812) 320-02-42

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