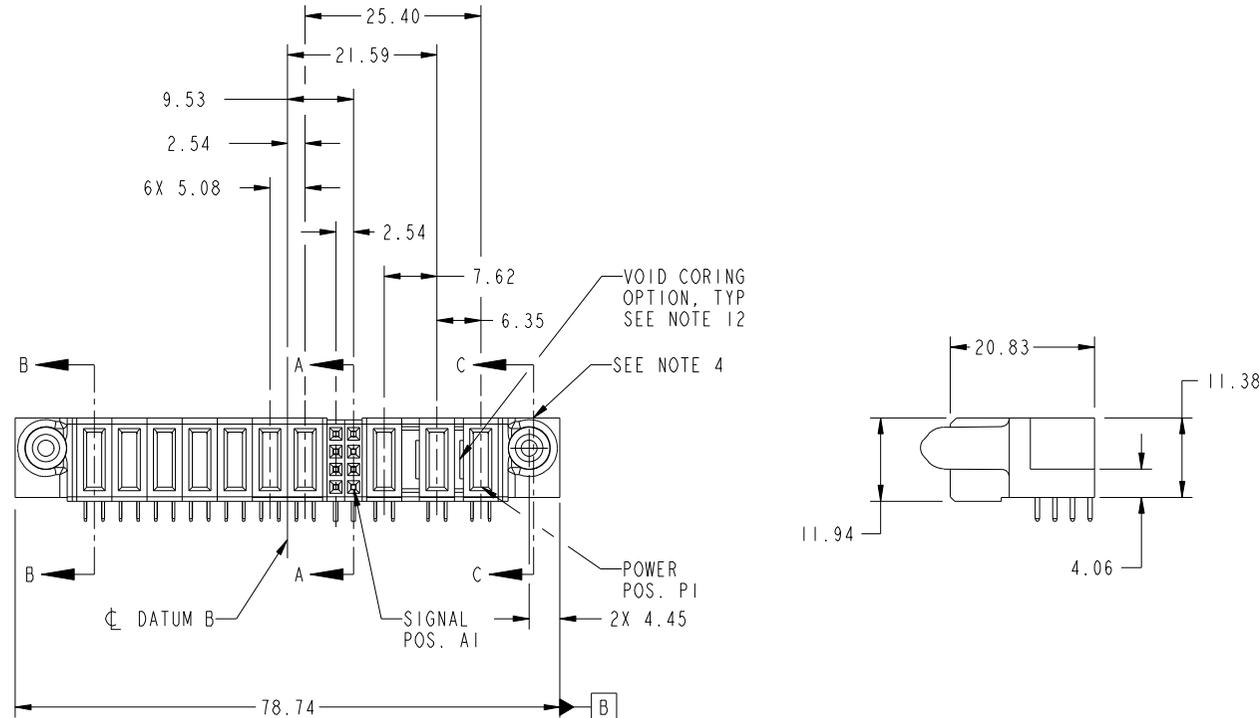


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| PRODUCT NO. | ROWS | POWER | | | | | | | | SIGNAL | | | E1 | |
|-----------------------|------------------|-------|-----|----|----|----|----|----|----|----------------------------|----|----|----|----|
| | | E2 | P10 | P9 | P8 | P7 | P6 | P5 | P4 | Z1 | P3 | P2 | | P1 |
| 51915-224_- NOTE 3 | D C B A | | PA | PA | PA | PC | PC | PC | PA | H G G F F E | PA | PC | PC | |



| CODE | DIM "M" MATING LENGTH | CONTACT TYPE |
|------|-----------------------|--------------|
| PC | [2.34] | POWER |
| PA | [1.07] | POWER |
| H | [N/A] | SIGNAL |
| G | [N/A] | SIGNAL |
| F | [N/A] | SIGNAL |
| E | [N/A] | SIGNAL |

| | | | | | | | | | | | |
|-------------|----------------|----|----------|------------|----------------------|---------------------------------------|--|----------------|--|---|--|
| mat'l code | | | | SEE NOTE 2 | | tolerances unless otherwise specified | | CUSTOMER | | FCI | |
| ltr | ecn no. | dr | date | linear | 0.X ± 0.5 | projection | | COPY | | www.fciconnect.com | |
| A | DG09-0288 | WL | 09/08/09 | angles | 0.XX ± 0.25 | MIM | | title | | 2P+ 1ACP + 8S + 7P R/A SOLDER RECEPTACLE | |
| | | | | dr | 0.XXX ± 0.1 | scale | | product family | | PwrBlade code | |
| | | | | enr | 0° ± 2° | 1:1 | | size | | 213 | |
| | | | | chr | WL ZHANG 09/08/09 | | | dwg no | | 51915-224 sheet | |
| | | | | appd | WARREN DU 09/08/09 | | | A | | 1 of 4 | |
| | | | | | PM ZHENG 09/08/09 | | | | | | |
| | | | | | Joseph Hsia 09/08/09 | | | | | | |
| sheet index | revision sheet | A | A | A | A | | | | | | |
| | | 1 | 2 | 3 | 4 | | | | | | |

cage code 22526

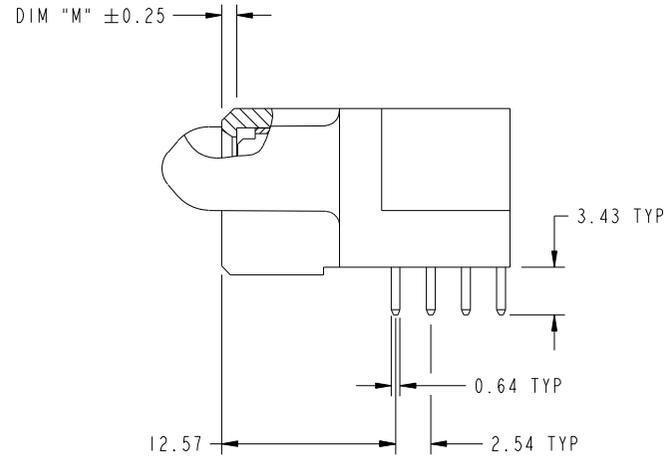
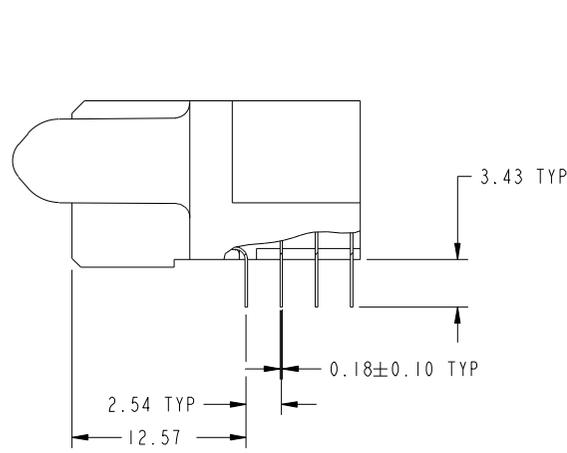
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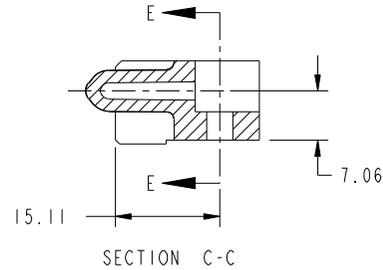


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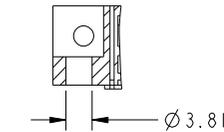
PRODUCT NUMBER
51915-224--
NOTE 3



BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1



PARTIAL SECTION E-E

| | | | | | | | | | |
|-------------|---------|----------------|------|---------------------------------------|----------------------|------------|--|---|--|
| mat'l code | | SEE NOTE 2 | | tolerances unless otherwise specified | | CUSTOMER | | www.fciconnect.com | |
| ltr | ecn no. | dr | date | linear | 0.X ±0.5 | COPY | | title | |
| A | | | | | 0.XX ±0.25 | projection | | 2P+ IACP + 8S + 7P R/A SOLDER RECEPTACLE | |
| | | | | angles | 0.XXX ±0.1 | | | product family | |
| | | | | dr | 0° ±2° | | | PwrBlade | |
| | | | | enr | WL ZHANG 09/08/09 | scale | | code | |
| | | | | chr | WARREN DU 09/08/09 | 1:1 | | 213 | |
| | | | | appd | PM ZHENG 09/08/09 | size | | sheet | |
| | | | | | Joseph Hsia 09/08/09 | A | | 2 of 4 | |
| sheet index | | revision sheet | | | | | | 51915-224 | |

cage code 22526

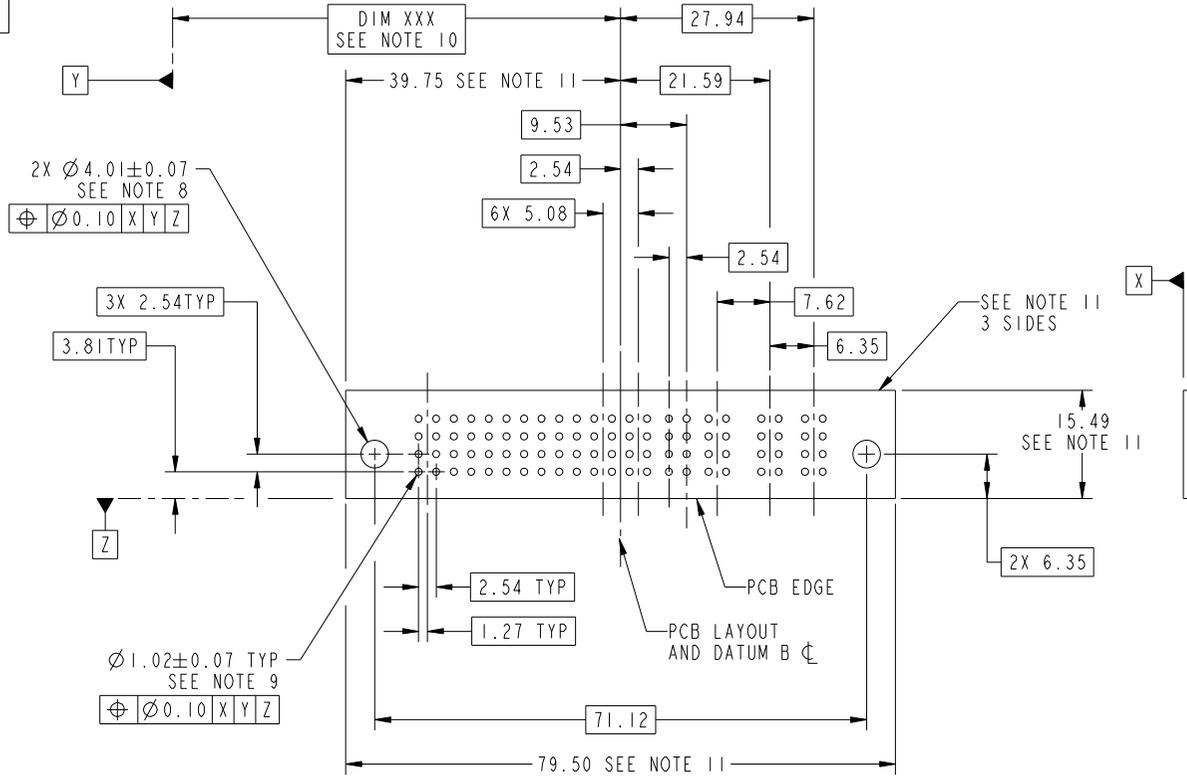
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PRODUCT NUMBER
51915-224--
NOTE 3



RECOMMENDED PCB LAYOUT

| | | | | | | | | |
|-------------|----------------|----|------|----------|---------------------------------------|------------|---|--------|
| mat'l code | | | | SEE NOTE | tolerances unless otherwise specified | CUSTOMER | FCI www.fciconnect.com | |
| ltr | ecr no. | dr | date | linear | 0.X ± 0.5 | COPY | title | |
| A | | | | | 0.XX ± 0.25 | projection | 2P+ IACP + 8S + 7P R/A SOLDER RECEPTACLE | |
| | | | | angles | 0.XXX ± 0.1 | | product family | |
| | | | | dr | 0° ± 2° | MIM | PwrBlade | code |
| | | | | enrg | WL ZHANG 09/08/09 | scale | size | 213 |
| | | | | chr | WARREN DU 09/08/09 | 1:1 | dwg no | sheet |
| | | | | appd | PM ZHENG 09/08/09 | | 51915-224 | 3 of 4 |
| | | | | | Joseph Hsia 09/08/09 | | | |
| sheet index | revision sheet | | | | | | | |

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PRODUCT NUMBER
51915-224--
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. PLATING:
SEE ITEM 5 & 6 IN PRINT 10064183 FOR PLATING SPEC OF 51915-224; 51915-224LF PRESPECTIVELY
- 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 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. THE VOID CORING IN BETWEEN POWER MODULES, SIGNAL MODULES AND END MODULES ARE OPTIONAL AND THE SHAPE MAY BE DIFFERENT FOR OPTIMIZE THE MOLDING PROCESS. THE VOID CORING WILL NOT EFFECT TO PRODUCT FUNCTION.

| | | | | | | | | | |
|-------------|----------------|------------|------|---------------------------------------|----------------------|------------|--|---|--|
| mat'l code | | SEE NOTE 2 | | tolerances unless otherwise specified | | CUSTOMER | | FCI www.fciconnect.com | |
| ltr | ecr no. | dr | date | linear | 0.X ± 0.5 | COPY | | title | |
| A | | | | | 0.XX ± 0.25 | projection | | 2P+ IACP + 8S + 7P R/A SOLDER RECEPTACLE | |
| | | | | angles | 0.XXX ± 0.1 | | | product family | |
| | | | | dr | 0° ± 2° | | | PwrBlade | |
| | | | | enr | WL ZHANG 09/08/09 | scale | | code | |
| | | | | chr | WARREN DU 09/08/09 | 1:1 | | 213 | |
| | | | | appd | PM ZHENG 09/08/09 | A | | sheet | |
| | | | | | Joseph Hsia 09/08/09 | | | 4 of 4 | |
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Pro/E