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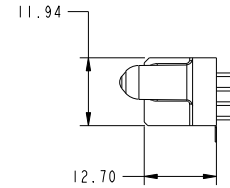
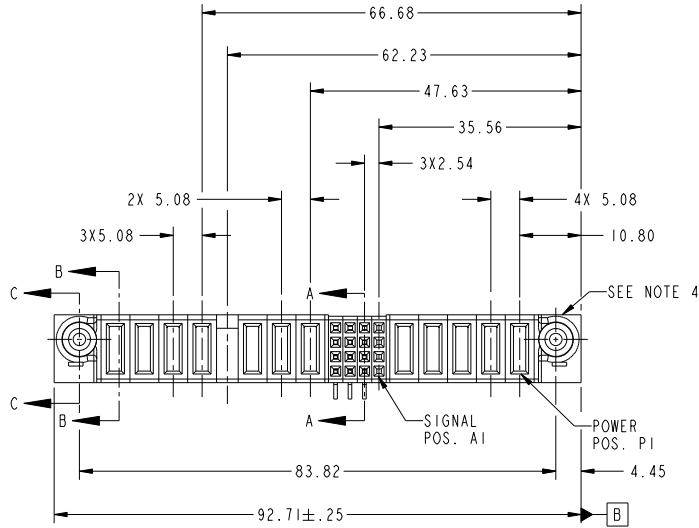
[FCI](#)  
[51940-151](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)



| PRODUCT NO.            | ROWS             | POWER |     |     |     |    |    |    |    | SIGNAL |    |    |    | POWER |    |    |    |    |    |  |  |
|------------------------|------------------|-------|-----|-----|-----|----|----|----|----|--------|----|----|----|-------|----|----|----|----|----|--|--|
|                        |                  | E2    | P12 | P11 | P10 | P9 | P8 | P7 | P6 | 4      | 3  | 2  | 1  | P5    | P4 | P3 | P2 | P1 | E1 |  |  |
| 51940-151--<br>NOTE: 3 | D<br>C<br>B<br>A |       | PA  | PA  | PA  | PA | PA | PA | PA | EX     | EX | EX | EX | PD    | PD | PD | PD | PD |    |  |  |



| CODE | DIM "M"<br>MATING<br>LENGTH | CONTACT<br>TYPE |
|------|-----------------------------|-----------------|
| PA   | [1.07]                      | POWER           |
| PD   | [2.34]                      | POWER           |
| E    | [N/A]                       | SIGNAL          |
| X    | OMITTED                     | OMITTED         |

| SEE NOTE    |                |       |          | tolerances unless<br>otherwise specified |          | CUSTOMER   |      | FCI                 |                    |
|-------------|----------------|-------|----------|------------------------------------------|----------|------------|------|---------------------|--------------------|
| ltr         | ech no.        | dr    | date     | linear                                   | angles   | projection | copy | title               | www.fciconnect.com |
| A           | DG05-0176      | GuoJM | 06/20/05 | 0.X ±0.5                                 |          |            |      | 5P + 16S + 7P       |                    |
| B           | DG07-0498      | JW    | 09/15/08 | 0.XX ±0.25                               | 0° ±2°   |            |      | VERTICAL STB RECEPT |                    |
|             |                |       |          | 0.XXX ±0.10                              |          |            |      | product family      | PwrBlade           |
|             |                |       |          | dr JM Guo                                | 06/20/05 | MM         |      | size                | 213                |
|             |                |       |          | enr SLUO                                 | 06/20/05 | scale      |      | dwg no              | 51940-151          |
|             |                |       |          | chr VICTOR LIN                           | 06/20/05 | 1:1        |      | sheet               | 1 of 4             |
|             |                |       |          | appd JOSEPH HSIA                         | 06/20/05 |            |      |                     |                    |
| sheet index | revision sheet | B 1   | B 2      | B 3                                      | B 4      |            |      |                     |                    |

Pro/E

**PDM: Rev:B**

STATUS: **Released**

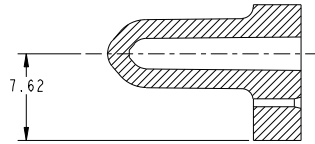
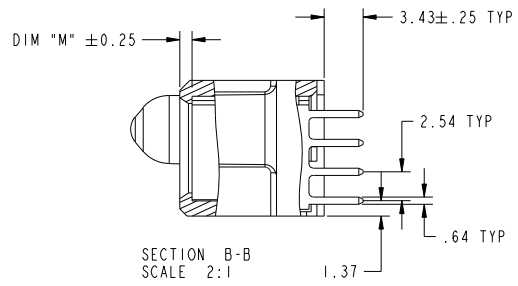
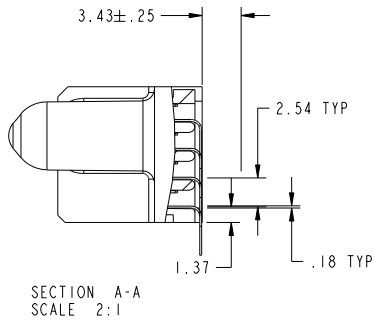
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PRODUCT NUMBER  
51940-151--  
NOTE: 3



| SEE NOTE    |                |    |      | tolerances unless otherwise specified |             | CUSTOMER   |      | FCI                     |                    |
|-------------|----------------|----|------|---------------------------------------|-------------|------------|------|-------------------------|--------------------|
| litr        | ech no.        | dr | date | linear                                | angular     | projection | copy | title                   | www.fciconnect.com |
| B           |                |    |      | 0.X ± 0.5                             | 0.XX ± 0.25 |            |      | 5P + 16S + 7P           |                    |
|             |                |    |      | 0.XXX ± 0.10                          | 0° ± 2°     |            |      | VERTICAL STB RECEPT     |                    |
|             |                |    |      | dr JM Guo 06/20/05                    |             |            |      | product family PwrBlade | code 213           |
|             |                |    |      | enr SLUO 06/20/05                     |             |            |      | size dwg no             | sheet 2            |
|             |                |    |      | chr VICTOR LIN 06/20/05               |             |            |      | A 51940-151             |                    |
|             |                |    |      | appd JOSEPH HSIA 06/20/05             |             |            |      |                         |                    |
| sheet index | revision sheet |    |      |                                       |             |            |      |                         |                    |

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**PDM: Rev:B**

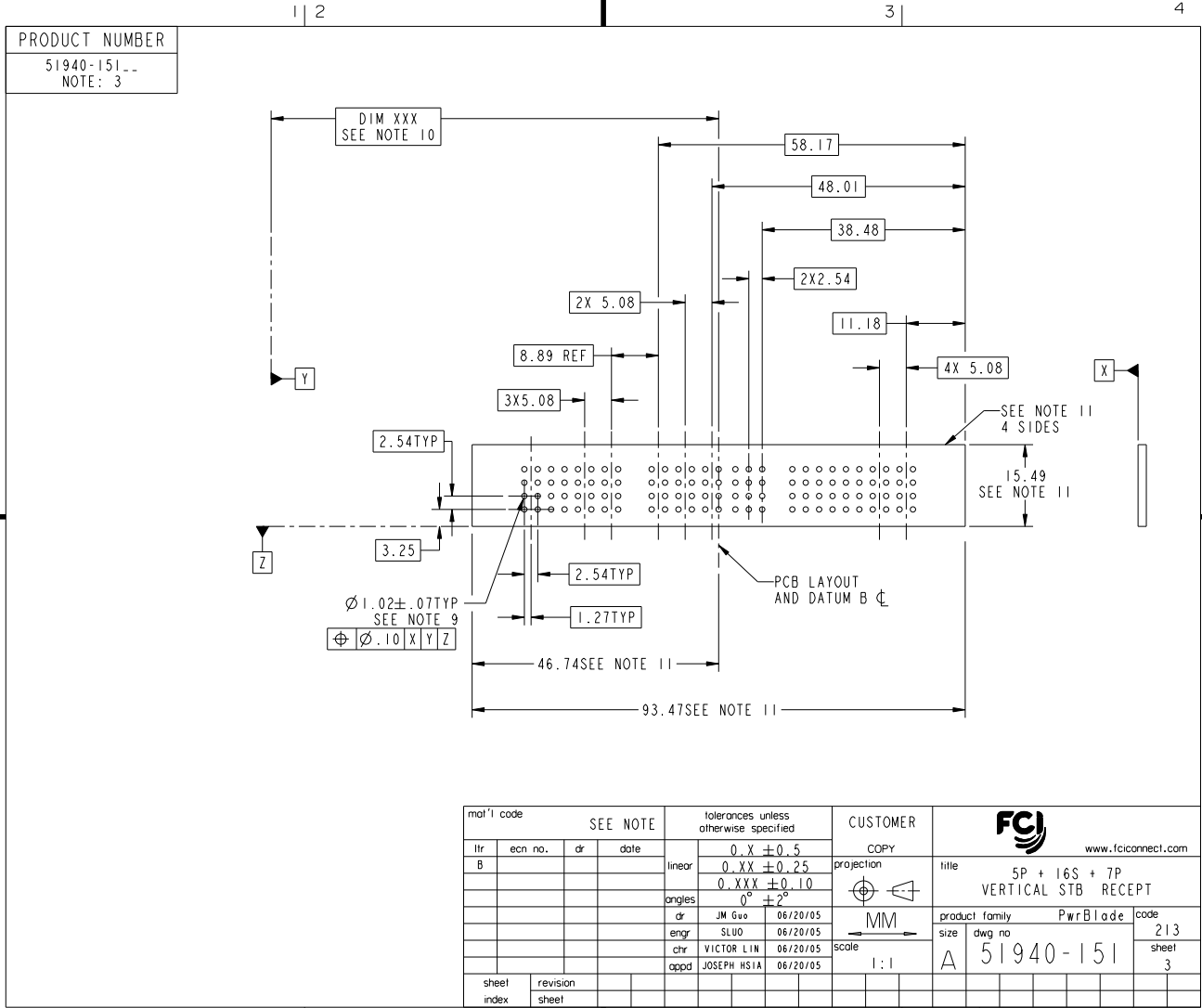
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| PRODUCT NUMBER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                |          |      |                                          |                       |                                          |           |                                      |                    |     |  |     |         |    |      |        |         |            |      |       |                    |   |  |  |  |               |                 |                  |  |                                      |  |  |  |  |  |  |                       |  |  |                         |          |  |  |  |  |                    |                   |                         |           |                  |         |  |  |  |  |                           |  |  |  |  |  |             |                |  |  |  |  |  |  |  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------|------|------------------------------------------|-----------------------|------------------------------------------|-----------|--------------------------------------|--------------------|-----|--|-----|---------|----|------|--------|---------|------------|------|-------|--------------------|---|--|--|--|---------------|-----------------|------------------|--|--------------------------------------|--|--|--|--|--|--|-----------------------|--|--|-------------------------|----------|--|--|--|--|--------------------|-------------------|-------------------------|-----------|------------------|---------|--|--|--|--|---------------------------|--|--|--|--|--|-------------|----------------|--|--|--|--|--|--|--|--|
| 51940-151--<br>NOTE: 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                |          |      |                                          |                       |                                          |           |                                      |                    |     |  |     |         |    |      |        |         |            |      |       |                    |   |  |  |  |               |                 |                  |  |                                      |  |  |  |  |  |  |                       |  |  |                         |          |  |  |  |  |                    |                   |                         |           |                  |         |  |  |  |  |                           |  |  |  |  |  |             |                |  |  |  |  |  |  |  |  |
| NOTES:<br>1. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH<br>ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED.<br>CONNECTOR NOTES:<br>② HOUSING MATERIAL: UL 94 V-0 GLASS FILLED<br>HIGH-TEMP THERMOPLASTIC<br>POWER CONTACT MATERIAL: COPPER ALLOY<br>SIGNAL PIN MATERIAL: COPPER ALLOY<br>③ PLATING:<br>SEE ITEM 5 & 6 IN PRINT 10064183 FOR PLATING SPEC OF 51940-151; 51940-151LF RESPECTIVELY.<br>④ MANUFACTURER'S NAME, P/N, AND DATE CODE TO APPEAR ON<br>THIS SURFACE.<br>5. PRODUCT SPECIFICATION GS-12-149.<br>APPLICATION SPECIFICATION BUS-20-067.<br>6. PACKAGED IN TRAYS.<br>PCB NOTES:<br>7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.<br>⑧ MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.<br>⑨ $\varnothing 1.151 \pm 0.025$ DRILLED HOLES PLATED WITH<br>0.008 MIN SnPb OR Sn OVER 0.03<br>TO 0.08 Cu PLATING TO ACHIEVE<br>$\varnothing 1.02 \pm .07$ HOLE.<br>⑩ "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.<br>⑪ CONNECTOR KEEP-OUT ZONE.<br>12 A/B SYMBOL WILL BE NEXT TO ANY DIMENSION,<br>VIEW, OR NOTE WHICH HAS BEEN MODIFIED<br>WITH THE CURRENT DRAWING REVISION.                                                                                                                                       |                |          |      |                                          |                       |                                          |           |                                      |                    |     |  |     |         |    |      |        |         |            |      |       |                    |   |  |  |  |               |                 |                  |  |                                      |  |  |  |  |  |  |                       |  |  |                         |          |  |  |  |  |                    |                   |                         |           |                  |         |  |  |  |  |                           |  |  |  |  |  |             |                |  |  |  |  |  |  |  |  |
| <table border="1"><thead><tr><th colspan="4">SEE NOTE</th><th colspan="2">tolerances unless<br/>otherwise specified</th><th colspan="2">CUSTOMER</th><th colspan="2">FCI</th></tr><tr><th>ltr</th><th>ech no.</th><th>dr</th><th>date</th><th>linear</th><th>angular</th><th>projection</th><th>copy</th><th>title</th><th>www.fciconnect.com</th></tr></thead><tbody><tr><td>B</td><td></td><td></td><td></td><td><math>0.X \pm 0.5</math></td><td><math>0.XX \pm 0.25</math></td><td><math>0.XXX \pm 0.10</math></td><td></td><td>5P + 16S + 7P<br/>VERTICAL STB RECEPT</td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td><math>0^\circ \pm 2^\circ</math></td><td></td><td></td><td>product family PwrBlade</td><td>code 213</td></tr><tr><td></td><td></td><td></td><td></td><td>dr JM Guo 06/20/05</td><td>enr SLUO 06/20/05</td><td>chr VICTOR LIN 06/20/05</td><td>scale 1:1</td><td>size A 51940-151</td><td>sheet 4</td></tr><tr><td></td><td></td><td></td><td></td><td>appd JOSEPH HSIA 06/20/05</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>sheet index</td><td>revision sheet</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></tbody></table> |                | SEE NOTE |      |                                          |                       | tolerances unless<br>otherwise specified |           | CUSTOMER                             |                    | FCI |  | ltr | ech no. | dr | date | linear | angular | projection | copy | title | www.fciconnect.com | B |  |  |  | $0.X \pm 0.5$ | $0.XX \pm 0.25$ | $0.XXX \pm 0.10$ |  | 5P + 16S + 7P<br>VERTICAL STB RECEPT |  |  |  |  |  |  | $0^\circ \pm 2^\circ$ |  |  | product family PwrBlade | code 213 |  |  |  |  | dr JM Guo 06/20/05 | enr SLUO 06/20/05 | chr VICTOR LIN 06/20/05 | scale 1:1 | size A 51940-151 | sheet 4 |  |  |  |  | appd JOSEPH HSIA 06/20/05 |  |  |  |  |  | sheet index | revision sheet |  |  |  |  |  |  |  |  |
| SEE NOTE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                |          |      | tolerances unless<br>otherwise specified |                       | CUSTOMER                                 |           | FCI                                  |                    |     |  |     |         |    |      |        |         |            |      |       |                    |   |  |  |  |               |                 |                  |  |                                      |  |  |  |  |  |  |                       |  |  |                         |          |  |  |  |  |                    |                   |                         |           |                  |         |  |  |  |  |                           |  |  |  |  |  |             |                |  |  |  |  |  |  |  |  |
| ltr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | ech no.        | dr       | date | linear                                   | angular               | projection                               | copy      | title                                | www.fciconnect.com |     |  |     |         |    |      |        |         |            |      |       |                    |   |  |  |  |               |                 |                  |  |                                      |  |  |  |  |  |  |                       |  |  |                         |          |  |  |  |  |                    |                   |                         |           |                  |         |  |  |  |  |                           |  |  |  |  |  |             |                |  |  |  |  |  |  |  |  |
| B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                |          |      | $0.X \pm 0.5$                            | $0.XX \pm 0.25$       | $0.XXX \pm 0.10$                         |           | 5P + 16S + 7P<br>VERTICAL STB RECEPT |                    |     |  |     |         |    |      |        |         |            |      |       |                    |   |  |  |  |               |                 |                  |  |                                      |  |  |  |  |  |  |                       |  |  |                         |          |  |  |  |  |                    |                   |                         |           |                  |         |  |  |  |  |                           |  |  |  |  |  |             |                |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                |          |      |                                          | $0^\circ \pm 2^\circ$ |                                          |           | product family PwrBlade              | code 213           |     |  |     |         |    |      |        |         |            |      |       |                    |   |  |  |  |               |                 |                  |  |                                      |  |  |  |  |  |  |                       |  |  |                         |          |  |  |  |  |                    |                   |                         |           |                  |         |  |  |  |  |                           |  |  |  |  |  |             |                |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                |          |      | dr JM Guo 06/20/05                       | enr SLUO 06/20/05     | chr VICTOR LIN 06/20/05                  | scale 1:1 | size A 51940-151                     | sheet 4            |     |  |     |         |    |      |        |         |            |      |       |                    |   |  |  |  |               |                 |                  |  |                                      |  |  |  |  |  |  |                       |  |  |                         |          |  |  |  |  |                    |                   |                         |           |                  |         |  |  |  |  |                           |  |  |  |  |  |             |                |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                |          |      | appd JOSEPH HSIA 06/20/05                |                       |                                          |           |                                      |                    |     |  |     |         |    |      |        |         |            |      |       |                    |   |  |  |  |               |                 |                  |  |                                      |  |  |  |  |  |  |                       |  |  |                         |          |  |  |  |  |                    |                   |                         |           |                  |         |  |  |  |  |                           |  |  |  |  |  |             |                |  |  |  |  |  |  |  |  |
| sheet index                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | revision sheet |          |      |                                          |                       |                                          |           |                                      |                    |     |  |     |         |    |      |        |         |            |      |       |                    |   |  |  |  |               |                 |                  |  |                                      |  |  |  |  |  |  |                       |  |  |                         |          |  |  |  |  |                    |                   |                         |           |                  |         |  |  |  |  |                           |  |  |  |  |  |             |                |  |  |  |  |  |  |  |  |

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