



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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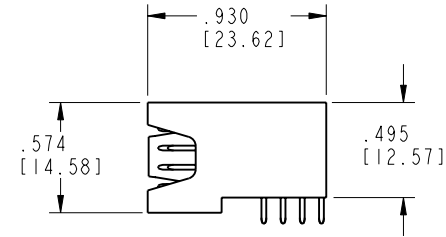
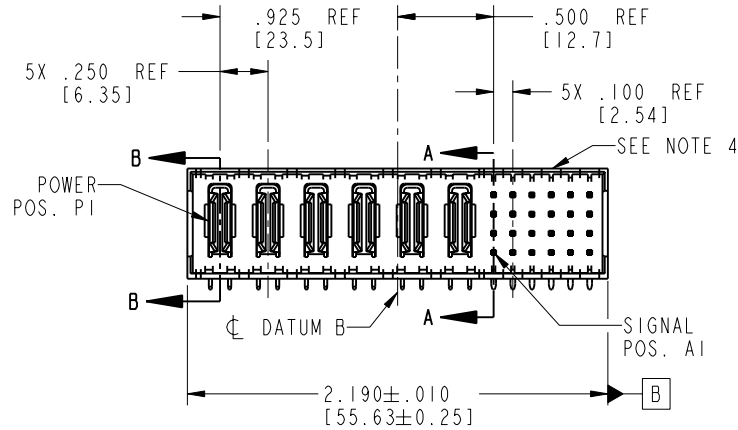


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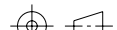
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| PRODUCT NO.            | ROWS             | POWER |    |    |    |    |    | SIGNAL |    |    |    |    |    |
|------------------------|------------------|-------|----|----|----|----|----|--------|----|----|----|----|----|
|                        |                  | P1    | P2 | P3 | P4 | P5 | P6 | 1      | 2  | 3  | 4  | 5  | 6  |
| 51736-002--<br>NOTE: 3 | D<br>C<br>B<br>A | PA    | PA | PA | PA | PA | PA | UU     | HH | HH | HH | HH | HH |
|                        |                  | PA    | PA | PA | PA | PA | PA | TT     | GG | GG | GG | GG | GG |
|                        |                  | PA    | PA | PA | PA | PA | PA | SS     | FF | FF | FF | FF | FF |
|                        |                  | PA    | PA | PA | PA | PA | PA | RR     | EE | EE | EE | EE | EE |



| CODE | DIM "M"<br>MATING<br>LENGTH | CONTACT<br>TYPE |
|------|-----------------------------|-----------------|
| E    | .220 [5.59]                 | SIGNAL          |
| F    | .220 [5.59]                 | SIGNAL          |
| G    | .220 [5.59]                 | SIGNAL          |
| H    | .220 [5.59]                 | SIGNAL          |
| R    | .270 [6.86]                 | SIGNAL          |
| S    | .270 [6.86]                 | SIGNAL          |
| T    | .270 [6.86]                 | SIGNAL          |
| U    | .270 [6.86]                 | SIGNAL          |
| PA   | N/A [N/A]                   | POWER           |

|             |           |                |          |            |                        |   |          |                                          |            |                                                                                       |                           |          |          |                                                                     |                 |  |  |
|-------------|-----------|----------------|----------|------------|------------------------|---|----------|------------------------------------------|------------|---------------------------------------------------------------------------------------|---------------------------|----------|----------|---------------------------------------------------------------------|-----------------|--|--|
| mat'l code  |           |                |          | SEE NOTE 2 |                        |   |          | tolerances unless<br>otherwise specified |            |                                                                                       |                           | CUSTOMER |          | <div><div>A</div><div>FCI</div></div> <div>www.fciconnect.com</div> |                 |  |  |
| lfr         | ecn no.   | dr             | date     | linear     | .XX±.01/0.X±0.3        |   |          |                                          | projection |  | title                     |          |          |                                                                     |                 |  |  |
| A           | V21401    | CGD            | 08/29/02 |            | .XXX±.005/0.XX±0.13    |   |          |                                          |            |                                                                                       | 6P + 24S                  |          |          |                                                                     |                 |  |  |
| B           | DG05-0501 | GuoJM          | 11/24/05 |            | .XXX±.0020/0.XXX±0.051 |   |          |                                          |            |                                                                                       | RIGHT ANGLE SOLDER HEADER |          |          |                                                                     |                 |  |  |
|             |           |                |          | angles     | 0°±2°                  |   |          |                                          | INCH/MM    |  | product family            |          | PwrBlade |                                                                     | code            |  |  |
|             |           |                |          | dr         | C. DAILY               |   | 08/29/02 |                                          |            |                                                                                       | size                      |          | dwg no   |                                                                     | 213             |  |  |
|             |           |                |          | engr       | M. MOSTOLLER           |   | 08/29/02 |                                          |            |                                                                                       | scale                     |          | A        |                                                                     | 51736-002       |  |  |
|             |           |                |          | chr        | M. MOSTOLLER           |   | 08/29/02 |                                          |            |                                                                                       | 1:1                       |          |          |                                                                     |                 |  |  |
|             |           |                |          | appd       | M. MOSTOLLER           |   | 08/29/02 |                                          |            |                                                                                       |                           |          |          |                                                                     | sheet<br>1 of 4 |  |  |
| sheet index |           | revision sheet |          | B          | B                      | B | B        |                                          |            |                                                                                       |                           |          |          |                                                                     |                 |  |  |
|             |           |                |          | 1          | 2                      | 3 | 4        |                                          |            |                                                                                       |                           |          |          |                                                                     |                 |  |  |

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Pro/E

3

4

PDM: Rev:B

STATUS: Released

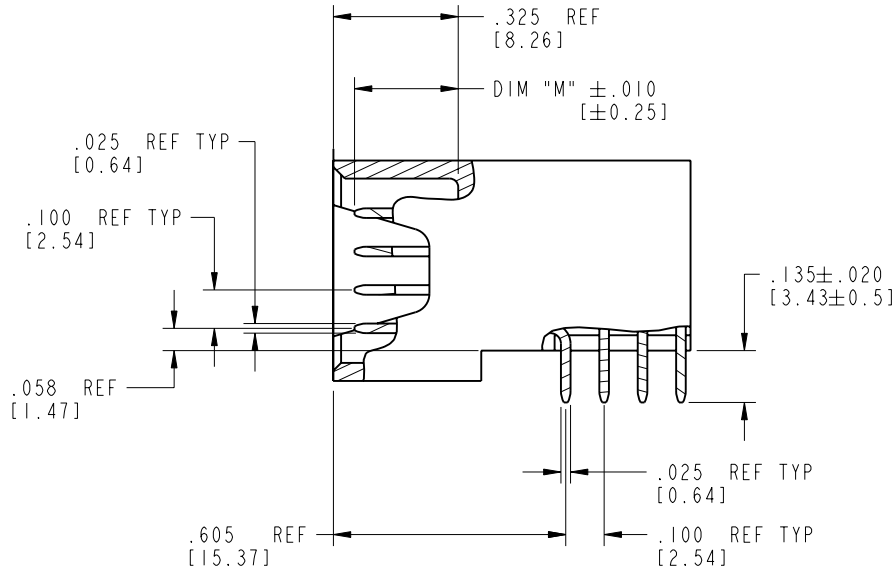
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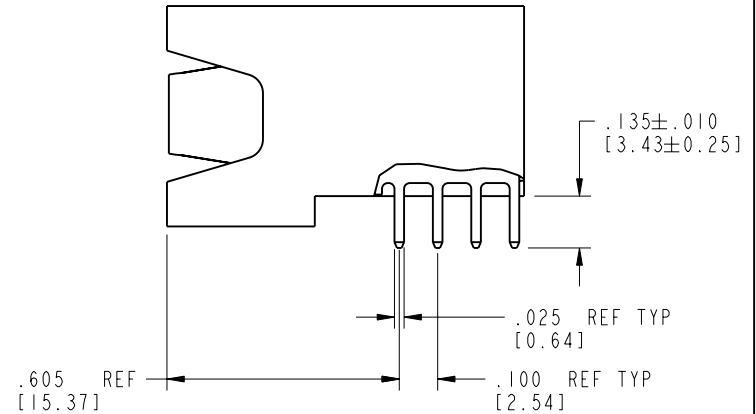
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PRODUCT NUMBER  
51736-002--  
NOTE: 3



BROKEN-OUT SECTION A-A  
SCALE 2:1



BROKEN-OUT SECTION B-B  
SCALE 2:1

| mat'l code  |                |    |      | tolerances unless otherwise specified |                        | CUSTOMER   |  | A FCI                     |           |
|-------------|----------------|----|------|---------------------------------------|------------------------|------------|--|---------------------------|-----------|
| lfr         | ecn no.        | dr | date | linear                                | .XX±.01/0.X±0.3        | COPY       |  | www.fciconnect.com        |           |
| B           |                |    |      | linear                                | .XXX±.005/0.XX±0.13    | projection |  | title                     | 6P + 24S  |
|             |                |    |      | angles                                | .XXX±.0020/0.XXX±0.051 |            |  | RIGHT ANGLE SOLDER HEADER |           |
|             |                |    |      | dr                                    | C. DAILY 08/29/02      | INCH/MM    |  | product family            | PwrBlade  |
|             |                |    |      | engr                                  | M. MOSTOLLER 08/29/02  | scale      |  | size                      | 213       |
|             |                |    |      | chr                                   | M. MOSTOLLER 08/29/02  | 1:1        |  | dwg no                    | 51736-002 |
|             |                |    |      | appd                                  | M. MOSTOLLER 08/29/02  |            |  | sheet                     | 2 of 4    |
| sheet index | revision sheet |    |      |                                       |                        |            |  |                           |           |

cage code 22526

Pro/E

PDM: Rev:B

STATUS: Released

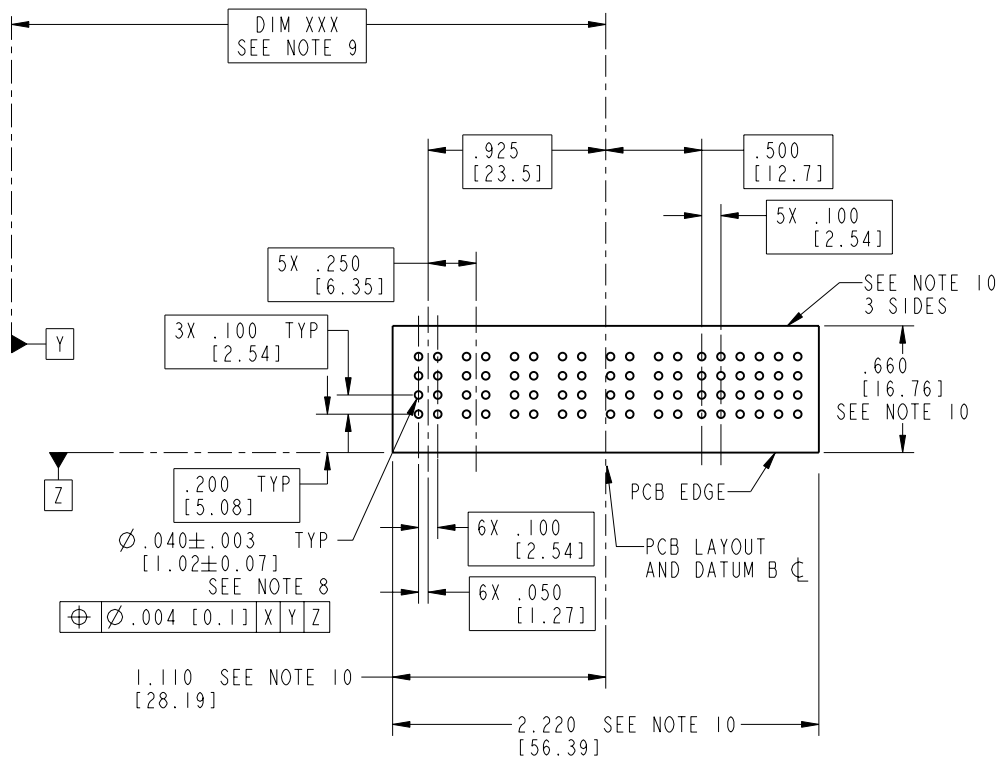
Printed: Dec 20, 2010

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PRODUCT NUMBER  
51736-002--  
NOTE: 3



RECOMMENDED PCB LAYOUT

|             |         |                |      |            |                        |                                          |                           |          |                                                                                                                        |                                                                    |        |
|-------------|---------|----------------|------|------------|------------------------|------------------------------------------|---------------------------|----------|------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|--------|
| mat'l code  |         |                |      | SEE NOTE 2 |                        | tolerances unless<br>otherwise specified |                           | CUSTOMER |                                                                                                                        | <div><div>A</div><div>FCI</div><div>www.fciconnect.com</div></div> |        |
| lfr         | ecr no. | dr             | date | linear     | .XX±.01/0.X±0.3        |                                          | COPY                      |          | <div>projection</div> <div></div> | title                                                              |        |
| B           |         |                |      |            | .XXX±.005/0.XX±0.13    |                                          |                           |          |                                                                                                                        | 6P + 24S                                                           |        |
|             |         |                |      |            | .XXX±.0020/0.XXX±0.051 |                                          |                           |          |                                                                                                                        | RIGHT ANGLE SOLDER HEADER                                          |        |
|             |         |                |      | angles     | 0°±2°                  |                                          |                           |          |                                                                                                                        |                                                                    |        |
|             |         | dr             |      |            | C. DAILY               | 08/29/02                                 | INCH/MM                   |          | product family                                                                                                         |                                                                    | code   |
|             |         | enrg           |      |            | M. MOSTOLLER           | 08/29/02                                 | <div>←</div> <div>→</div> |          | PwrBlade                                                                                                               |                                                                    | 213    |
|             |         | chr            |      |            | M. MOSTOLLER           | 08/29/02                                 | scale                     |          | size                                                                                                                   |                                                                    | sheet  |
|             |         | appd           |      |            | M. MOSTOLLER           | 08/29/02                                 | 1:1                       |          | A 51736-002                                                                                                            |                                                                    | 3 of 4 |
| sheet index |         | revision sheet |      |            |                        |                                          |                           |          |                                                                                                                        |                                                                    |        |

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PDM: Rev:B

STATUS: Released

Printed: Dec 20, 2010

PRODUCT NUMBER  
51736-002--  
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:

51736-002 Singal Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA.  
AND 100u"/2.54um SnPb PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.  
Power Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA,  
AND 100u"/2.54um SnPb PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.

51736-002LF Singal Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA.  
AND 78u"/2.00um Sn PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.  
Power Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA,  
AND 78u"/2.00um Sn PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.

PART NUMBER 51736-002LF MEETS EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

THE HOUSING WILL WITHSTAND EXPOSURE TO 260° PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION WITH A CIRCUIT BOARD.

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.

PCB NOTES:

6. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.  
7. MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.

8.  $\varnothing .0453 \pm .0010$  [1.151  $\pm$  0.025] DRILLED HOLES PLATED WITH  
.0003 [0.008] MIN SnPb OVER .001 [0.03]  
TO .003 [0.08] Cu PLATING TO ACHIEVE  
 $\varnothing .040 \pm .003$  [1.02  $\pm$  .07] HOLE.

9. "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.

10. CONNECTOR KEEP-OUT ZONE.

|             |         |                |      |            |                        |                                          |            |          |                           |                                                                               |          |        |       |
|-------------|---------|----------------|------|------------|------------------------|------------------------------------------|------------|----------|---------------------------|-------------------------------------------------------------------------------|----------|--------|-------|
| mat'l code  |         |                |      | SEE NOTE 2 |                        | tolerances unless<br>otherwise specified |            | CUSTOMER |                           | <div><div><div>A</div><div>FCI</div></div><div>www.fciconnect.com</div></div> |          |        |       |
| lfr         | ecn no. | dr             | date | linear     | .XX±.01/0.X±0.3        |                                          | projection |          | title                     |                                                                               |          |        |       |
| B           |         |                |      |            | .XXX±.005/0.XX±0.13    |                                          |            |          | 6P + 24S                  |                                                                               |          |        |       |
|             |         |                |      |            | .XXX±.0020/0.XXX±0.051 |                                          |            |          | RIGHT ANGLE SOLDER HEADER |                                                                               |          |        |       |
|             |         |                |      | angles     | 0°±2°                  |                                          | INCH/MM    |          | product family            |                                                                               | PwrBlade | code   |       |
|             |         |                |      | dr         | C. DAILY               | 08/29/02                                 |            |          | size                      | dwg no                                                                        |          |        | 213   |
|             |         |                |      | enrg       | M. MOSTOLLER           | 08/29/02                                 |            |          | scale                     |                                                                               |          | 1:1    | sheet |
|             |         |                |      | chr        | M. MOSTOLLER           | 08/29/02                                 |            |          | A                         | 51736-002                                                                     |          | 4 of 4 |       |
|             |         |                |      | appd       | M. MOSTOLLER           | 08/29/02                                 |            |          |                           |                                                                               |          |        |       |
| sheet index |         | revision sheet |      |            |                        |                                          |            |          |                           |                                                                               |          |        |       |

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