



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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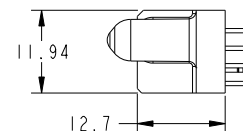
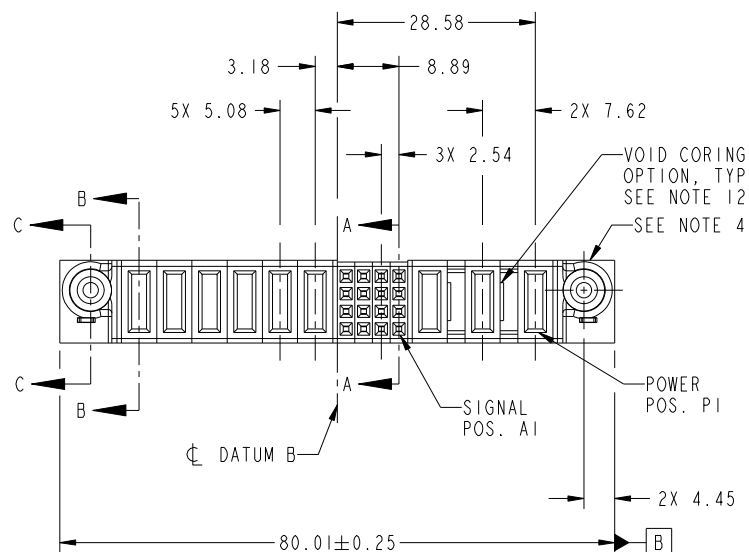
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| CODE | DIM "M"<br>MATING<br>LENGTH | CONTACT<br>TYPE |
|------|-----------------------------|-----------------|
| E    | [N/A]                       | SIGNAL          |
| PD   | [2.34]                      | POWER           |
| HA   | [N/A]                       | HOLD-DOWN       |

| PRODUCT NO.            | ROWS             | POWER |    |    |    |    |    |    | SIGNAL |   |   |   | POWER |    |    |    |
|------------------------|------------------|-------|----|----|----|----|----|----|--------|---|---|---|-------|----|----|----|
|                        |                  | E2    | P9 | P8 | P7 | P6 | P5 | P4 | 4      | 3 | 2 | 1 | P3    | P2 | P1 | E1 |
| 51940-295--<br>NOTE: 3 | D<br>C<br>B<br>A |       | PD | PD | PD | PD | PD | PD | E      | E | E | E | PD    | PD | PD |    |



| mat'l code  |                |    |          | SEE NOTES |             | tolerances unless otherwise specified |  | CUSTOMER   |  | FCI                     |        |
|-------------|----------------|----|----------|-----------|-------------|---------------------------------------|--|------------|--|-------------------------|--------|
| ltr         | ecr no.        | dr | date     |           |             |                                       |  | COPY       |  | www.fciconnect.com      |        |
| A           | DG09-0207      | WD | 06/26/09 | linear    |             | 0.X ±0.5                              |  | projection |  | title                   |        |
|             |                |    |          |           |             | 0.XX ±0.25                            |  |            |  | 3ACP + 16S + 6P         |        |
|             |                |    |          | angles    |             | 0.XXX ±0.1                            |  |            |  | VERTICAL SOLDER RECEPT  |        |
|             |                |    |          |           |             | 0° ±2°                                |  |            |  | product family PwrBlade |        |
|             |                |    |          | dr        | Warren Du   | 04/29/09                              |  | scale      |  | size                    | code   |
|             |                |    |          | enr       | Warren Du   | 04/29/09                              |  | 1:1        |  | dwg no                  | 213    |
|             |                |    |          | chr       | PM ZHENG    | 04/29/09                              |  |            |  | 51940-295               |        |
|             |                |    |          | appd      | Joseph Hsia | 04/29/09                              |  |            |  | sheet                   | 1 of 4 |
| sheet index | revision sheet | A  | A        | A         | A           |                                       |  |            |  |                         |        |
|             |                | 1  | 2        | 3         | 4           |                                       |  |            |  |                         |        |

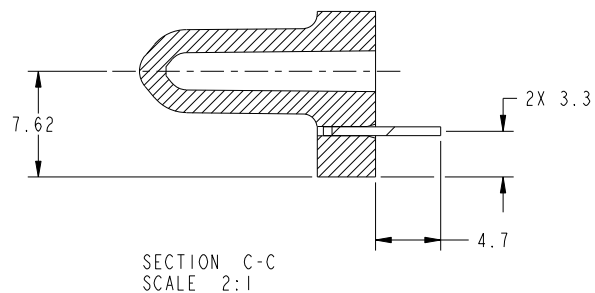
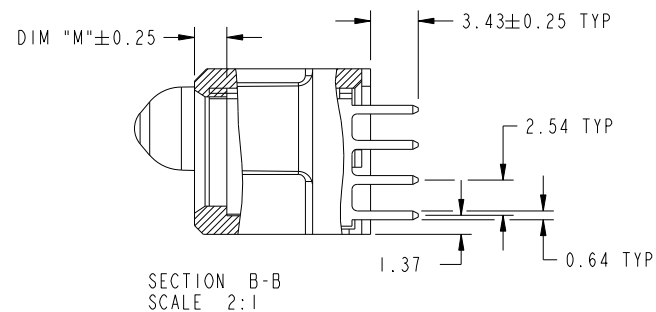
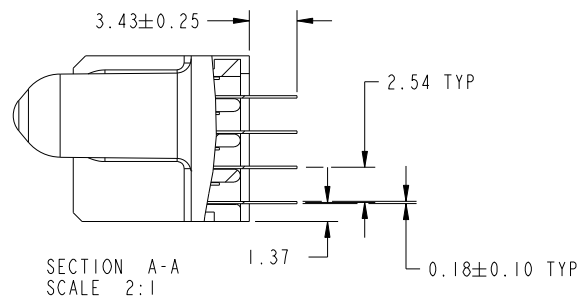
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PRODUCT NUMBER  
51940-295--  
NOTE: 3



| 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                   |  |
|             |                |    |      | angles                                | 0.XXX ±0.1           |            |  | 3ACP + 16S + 6P         |  |
|             |                |    |      | dr                                    | 0° ±2°               |            |  | VERTICAL SOLDER RECEPT  |  |
|             |                |    |      | enr                                   | Warren Du 04/29/09   | MIM        |  | product family PwrBlade |  |
|             |                |    |      | chr                                   | Warren Du 04/29/09   | scale      |  | code                    |  |
|             |                |    |      | appd                                  | PM ZHENG 04/29/09    | 1:1        |  | 213                     |  |
|             |                |    |      |                                       | Joseph Hsia 04/29/09 |            |  | sheet                   |  |
| sheet index | revision sheet |    |      |                                       |                      |            |  | 2 of 4                  |  |

cage code 22526

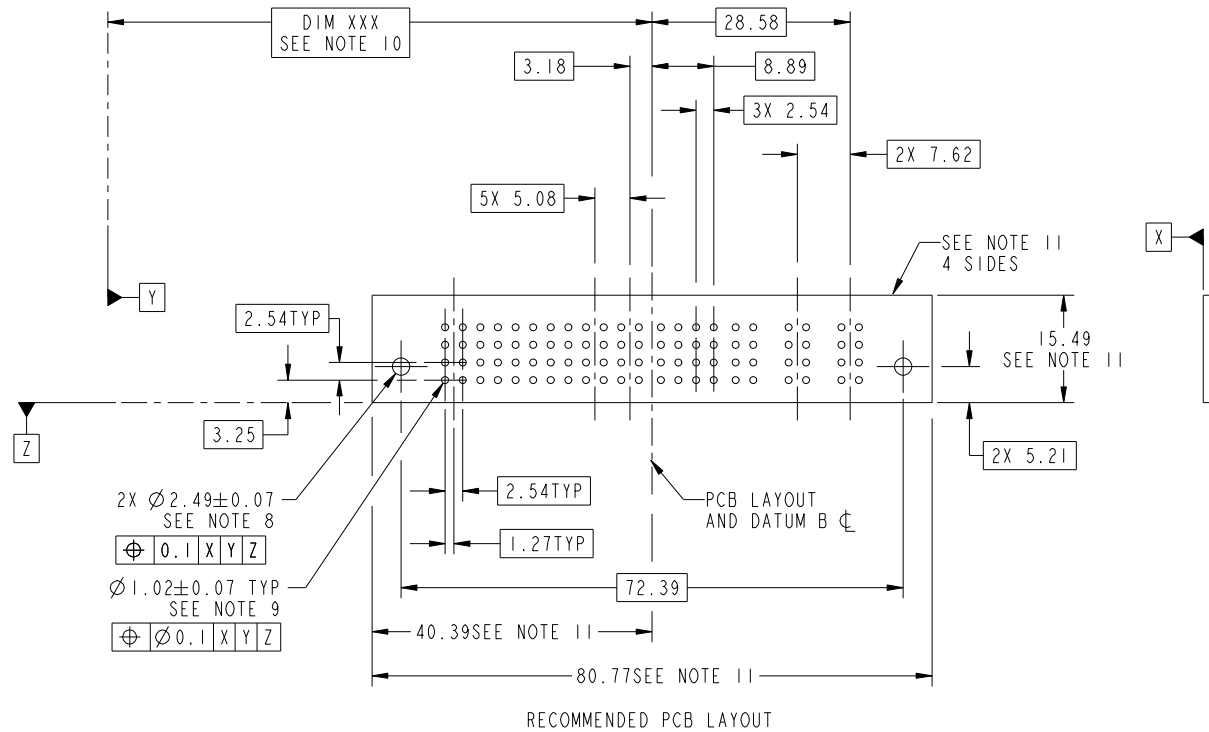
Pro/E

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PRODUCT NUMBER  
51940-295--  
NOTE: 3



| mat'l code  |                |    |      | tolerances unless otherwise specified |                      | CUSTOMER   |  | FCI                |                        |
|-------------|----------------|----|------|---------------------------------------|----------------------|------------|--|--------------------|------------------------|
| litr        | ecn no.        | dr | date | linear                                | 0.X ±0.5             | COPY       |  | www.fciconnect.com |                        |
| A           |                |    |      | linear                                | 0.XX ±0.25           | projection |  | title              | 3ACP + 16S + 6P        |
|             |                |    |      | angles                                | 0.XXX ±0.1           |            |  |                    | VERTICAL SOLDER RECEPT |
|             |                |    |      |                                       | 0° ±2°               |            |  | product family     | PwrBlade               |
|             |                |    |      | dr                                    | Warren Du 04/29/09   | MIM        |  | size               | code                   |
|             |                |    |      | enrg                                  | Warren Du 04/29/09   |            |  | dwg no             | 213                    |
|             |                |    |      | chr                                   | PM ZHENG 04/29/09    | scale      |  |                    | sheet                  |
|             |                |    |      | appd                                  | Joseph Hsia 04/29/09 | 1:1        |  |                    | 3 of 4                 |
| sheet index | revision sheet |    |      |                                       |                      |            |  |                    |                        |

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| PRODUCT NUMBER         |
|------------------------|
| 51940-295_-<br>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 5 & 6 IN PRINT 10064183 FOR PLATING SPEC OF 51940-295 AND 51940-295LF 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 0.03  
TO 0.08 Cu PLATING TO ACHIEVE  
 $\varnothing 1.02 \pm 0.07$  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  |                |    |      | tolerances unless otherwise specified |                  | CUSTOMER |                                                                                                     |  |                                                    | www.fciconnect.com |  |
| ltr         | ecn no.        | dr | date | linear                                | 0.X $\pm 0.5$    |          | COPY                                                                                                |                                                                                       | title<br>3ACP + 16S + 6P<br>VERTICAL SOLDER RECEPT |                    |  |
| A           |                |    |      |                                       | 0.XX $\pm 0.25$  |          | projection<br> |                                                                                       |                                                    |                    |  |
|             |                |    |      |                                       | 0.XXX $\pm 0.1$  |          |                                                                                                     |                                                                                       |                                                    |                    |  |
|             |                |    |      | angles                                | 0° $\pm 2^\circ$ |          |                |                                                                                       | product family PwrBlade code                       |                    |  |
|             |                |    |      | dr                                    | Warren Du        | 04/29/09 |                                                                                                     |                                                                                       | size                                               |                    |  |
|             |                |    |      | enrg                                  | Warren Du        | 04/29/09 |                                                                                                     |                                                                                       | dwg no                                             |                    |  |
|             |                |    |      | chr                                   | PM ZHENG         | 04/29/09 | scale                                                                                               |                                                                                       | sheet                                              |                    |  |
|             |                |    |      | appd                                  | Joseph Hsia      | 04/29/09 | 1:1                                                                                                 |                                                                                       | 4 of 4                                             |                    |  |
| sheet index | revision sheet |    |      |                                       |                  |          |                                                                                                     |                                                                                       | cage code                                          |                    |  |
|             |                |    |      |                                       |                  |          |                                                                                                     |                                                                                       | 22526                                              |                    |  |