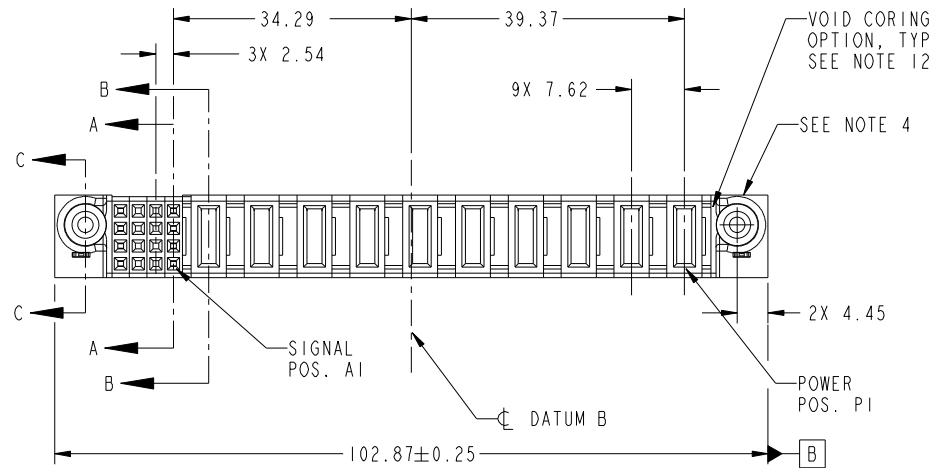


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| PRODUCT NO.            | ROWS             | SIG                                                                               |   |   |   |   | POWER                                                                             |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     | E1                                                                                  |
|------------------------|------------------|-----------------------------------------------------------------------------------|---|---|---|---|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                        |                  | E2                                                                                | 4 | 3 | 2 | 1 | P10                                                                               | P9                                                                                | P8                                                                                | P7                                                                                 | P6                                                                                  | P5                                                                                  | P4                                                                                  | P3                                                                                  | P2                                                                                  | P1                                                                                  |                                                                                     |
| 51940-347--<br>NOTE: 3 | D<br>C<br>B<br>A |  | E | X | X | E |  |  |  |  |  |  |  |  |  |  |  |



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

| mat'l code  |           |          |         | SEE NOTES |             | tolerances unless otherwise specified |   | CUSTOMER   |  | FCI                    |  |
|-------------|-----------|----------|---------|-----------|-------------|---------------------------------------|---|------------|--|------------------------|--|
| litr        | ecn no.   | dr       | date    |           |             |                                       |   | COPY       |  | www.fciconnect.com     |  |
| A           | DG10-0158 | HW       | 4/28/10 | linear    |             | 0.X ±0.5                              |   | projection |  | title                  |  |
|             |           |          |         |           |             | 0.XX ±0.25                            |   |            |  | 10ACP + 16S            |  |
|             |           |          |         | angles    |             | 0.XXX ±0.1                            |   |            |  | VERTICAL SOLDER RECEPT |  |
|             |           |          |         |           |             | 0° ±2°                                |   |            |  | product family         |  |
|             |           |          |         | dr        | HENRY WANG  | 3/29/10                               |   |            |  | PwrBlade               |  |
|             |           |          |         | enrg      | HENRY WANG  | 3/29/10                               |   |            |  | code                   |  |
|             |           |          |         | chr       | PM ZHENG    | 3/29/10                               |   |            |  | 213                    |  |
|             |           |          |         | appd      | Joseph Hsia | 3/29/10                               |   |            |  | sheet                  |  |
| sheet index |           | revision | sheet   | A         | A           | A                                     | A | scale      |  | 1 of 4                 |  |
|             |           |          |         | 1         | 2           | 3                                     | 4 | 1:1        |  |                        |  |

Pro/E

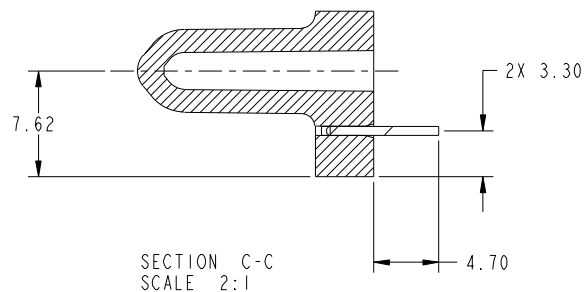
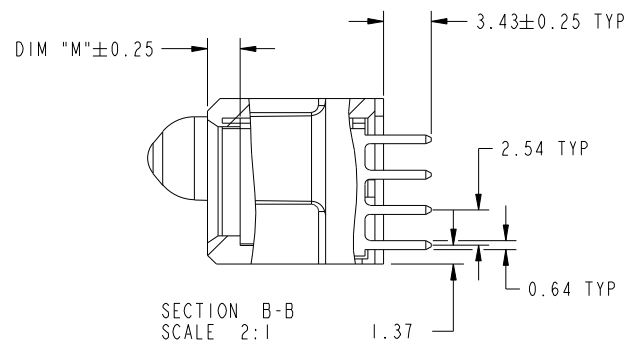
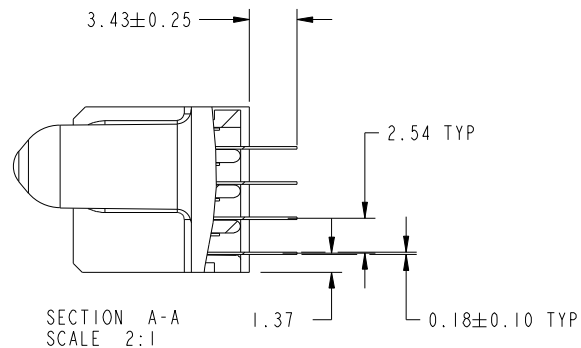
cage code 22526

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PRODUCT NUMBER  
51940-347--  
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           |                |    |      |                                       | 0.XX ±0.25          | projection |  | title 10ACP + 16S VERTICAL SOLDER RECEPT |  |
|             |                |    |      | angles                                | 0.XXX ±0.1          |            |  | product family PwrBlade code 213         |  |
|             |                |    |      | dr                                    | HENRY WANG 3/29/10  |            |  | size dwg no 51940-347                    |  |
|             |                |    |      | enrg                                  | HENRY WANG 3/29/10  |            |  | sheet 2 of 4                             |  |
|             |                |    |      | chr                                   | PM ZHENG 3/29/10    |            |  |                                          |  |
|             |                |    |      | appd                                  | Joseph Hsia 3/29/10 |            |  |                                          |  |
| sheet index | revision sheet |    |      |                                       |                     | scale 1:1  |  |                                          |  |
|             |                |    |      |                                       |                     |            |  | cage code 22526                          |  |

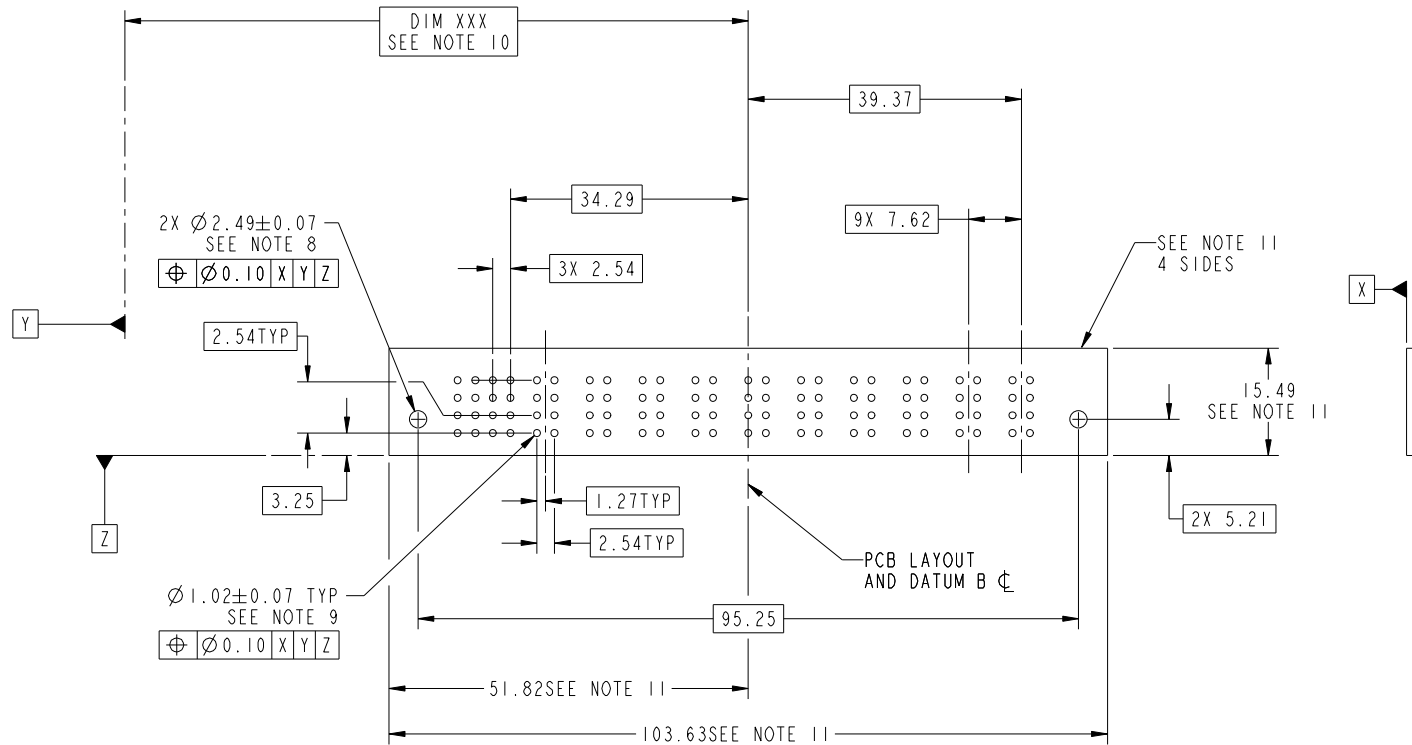
Pro/E

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PRODUCT NUMBER  
51940-347\_-  
NOTE: 3



RECOMMENDED PCB LAYOUT

| 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              | 10ACP + 16S            |
|             |                |    |      | angles                                | 0.XXX ±0.1          |            |  |                    | VERTICAL SOLDER RECEPT |
|             |                |    |      | dr                                    | 0° ±2°              |            |  | product family     | PwrBlade               |
|             |                |    |      | enrg                                  | HENRY WANG 3/29/10  |            |  | size               | 213                    |
|             |                |    |      | chr                                   | HENRY WANG 3/29/10  |            |  | dwg no             | 51940-347              |
|             |                |    |      | appd                                  | PM ZHENG 3/29/10    |            |  | sheet              | 3 of 4                 |
|             |                |    |      |                                       | Joseph Hsia 3/29/10 |            |  | scale              | 1:1                    |
| sheet index | revision sheet |    |      |                                       |                     |            |  | cage code          | 22526                  |

Pro/E

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| PRODUCT NUMBER         |
|------------------------|
| 51940-347_-<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. PLATING SPEC.

SEE ITEM 5 & 6 IN PRINT 10064183 FOR PLATING SPEC OF 51940-347 AND 51940-347LF RESPECTIVELY.

4. MANUFACTURER'S NAME, DATE CODE AND OPTIONAL P/N TO APPEAR ON  
THIS SURFACE. THE P/N CAN BE OMITTED IF THERE IS NOT ENOUGH  
SPACE 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<br>otherwise specified |             |               |  | CUSTOMER    |  | <div>FCI</div> <div>www.fciconnect.com</div>                       |  |          |      |
| litr       | ecn no.  | dr   | date        | linear                                   | 0.X ± 0.5   |               |  | COPY        |  | <div>title</div> <div>10ACP + 16S<br/>VERTICAL SOLDER RECEPT</div> |  |          |      |
| A          |          |      |             |                                          | 0.XX ± 0.25 |               |  | projection  |  |                                                                    |  |          |      |
|            |          |      |             | angles                                   | 0.XXX ± 0.1 |               |  | <div></div> |  |                                                                    |  |          |      |
|            |          |      |             |                                          | 0° ± 2°     |               |  |             |  |                                                                    |  |          |      |
|            |          | dr   | HENRY WANG  |                                          | 3/29/10     | <div>MM</div> |  | scale       |  | product family                                                     |  | PwrBlade | code |
|            |          | enrg | HENRY WANG  |                                          | 3/29/10     |               |  |             |  | size                                                               |  | dwg no   | 213  |
|            |          | chr  | PM ZHENG    |                                          | 3/29/10     | 1:1           |  | A           |  | 51940-347                                                          |  | sheet    |      |
|            |          | appd | Joseph Hsia |                                          | 3/29/10     |               |  |             |  |                                                                    |  | 4 of     |      |
| sheet      | revision |      |             |                                          |             |               |  |             |  |                                                                    |  |          |      |
| index      | sheet    |      |             |                                          |             |               |  |             |  |                                                                    |  |          |      |

cage code 22526