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1 | 2

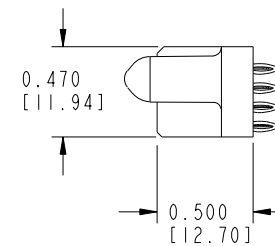
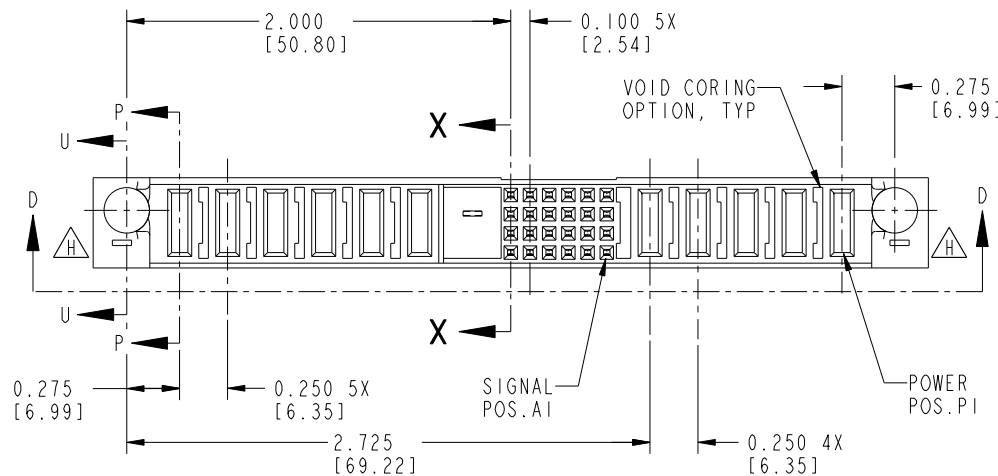
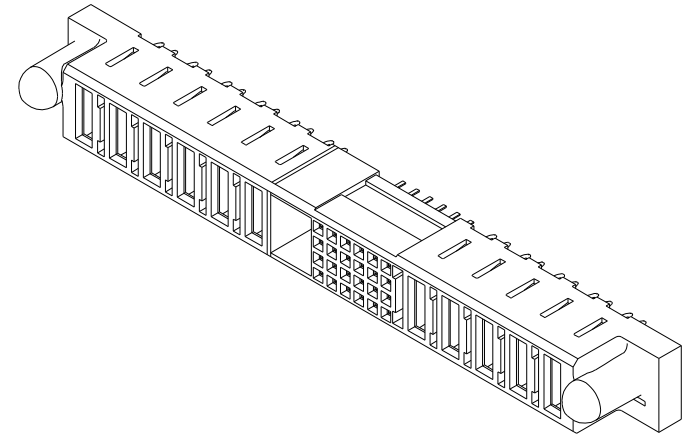
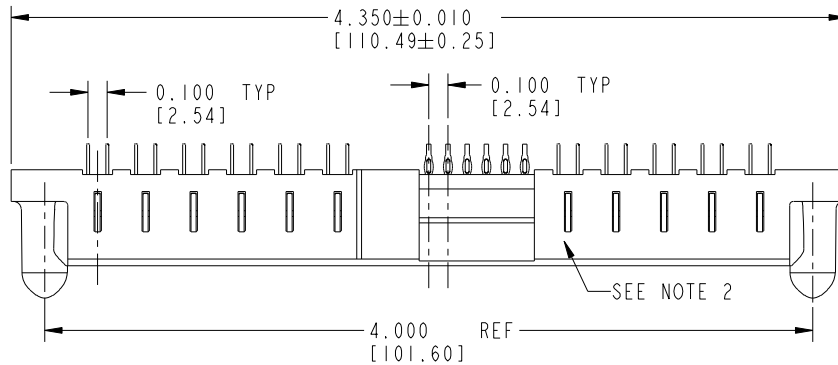
3 |

4

PRODUCT NUMBER

51667-XX001--

NOTE: (3)



THIS FILE WAS ORIGINALLY CREATED IN THE PRO ENGINEER ENVIRONMENT AND ANY FUTURE REVISIONS TO THIS FILE MUST BE MADE IN THE PRO ENGINEER ENVIRONMENT

| mat'l code  |                |     |          | NOTE 1 |          | tolerances unless otherwise specified |   | CUSTOMER COPY |  | FCI                                                         |      |
|-------------|----------------|-----|----------|--------|----------|---------------------------------------|---|---------------|--|-------------------------------------------------------------|------|
| ltr         | ecn no.        | dr  | date     |        |          | .XX ±.01/.X ±.3                       |   | projection    |  | www.fciconnect.com                                          |      |
| B           | V94335         | SAR | 11-15-99 | linear |          | .XXX ±.005/.XX ±.13                   |   |               |  | title<br>5P + 24S + 1M + 6P<br>VERTICAL PRESSFIT RECEPTACLE |      |
| C           | V00795         | EKK | 03-27-00 |        |          | .XXXX ±.0020/.XXX ±.051               |   |               |  |                                                             |      |
| D           | V01870         | CHB | 08-03-00 | angles |          | 0° ± 2°                               |   |               |  | product family                                              |      |
| E           | DG05-0266      | CS  | 08/20/05 | dr     | S. ROYER | 09-21-99                              |   | size          |  | PwrBlade                                                    |      |
| F           | DG05-0508      | CS  | 11/28/05 | enrg   | J. BROWN | 09-21-99                              |   | dwg no        |  | code                                                        |      |
| G           | DG07-0481      | JC  | 11/29/07 | chr    | J. BROWN | 09-21-99                              |   | A             |  | 213                                                         |      |
| H           | DG08-0245      | W D | 09/08/08 | appd   | J. BROWN | 09-21-99                              |   | scale 1:1     |  | 51667                                                       |      |
| sheet index | revision sheet | H   | H        | H      | H        | H                                     | H |               |  | sheet                                                       | of 4 |
|             |                | 1   | 2        | 3      | 4        |                                       |   |               |  | 1                                                           | 4    |

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Pro/E

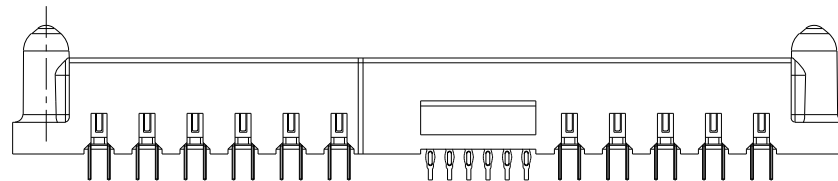
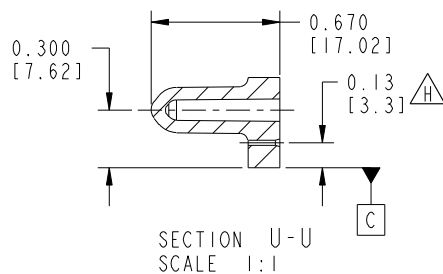
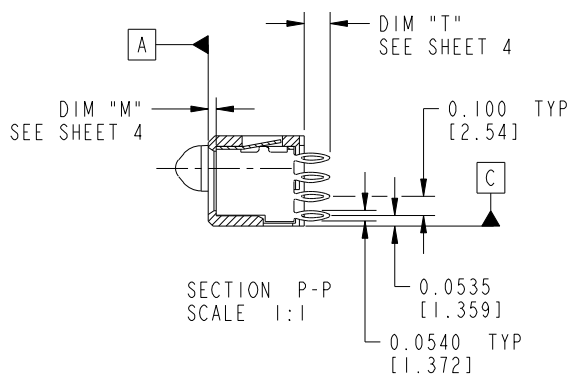
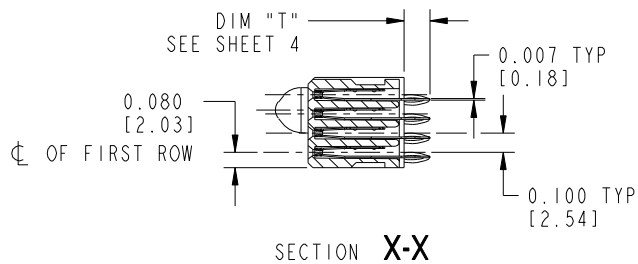
PDM: Rev: H

STATUS: Released

Printed: Dec 20, 2010



PRODUCT NUMBER  
51667-XX001--  
NOTE: (3)



VIEW D-D

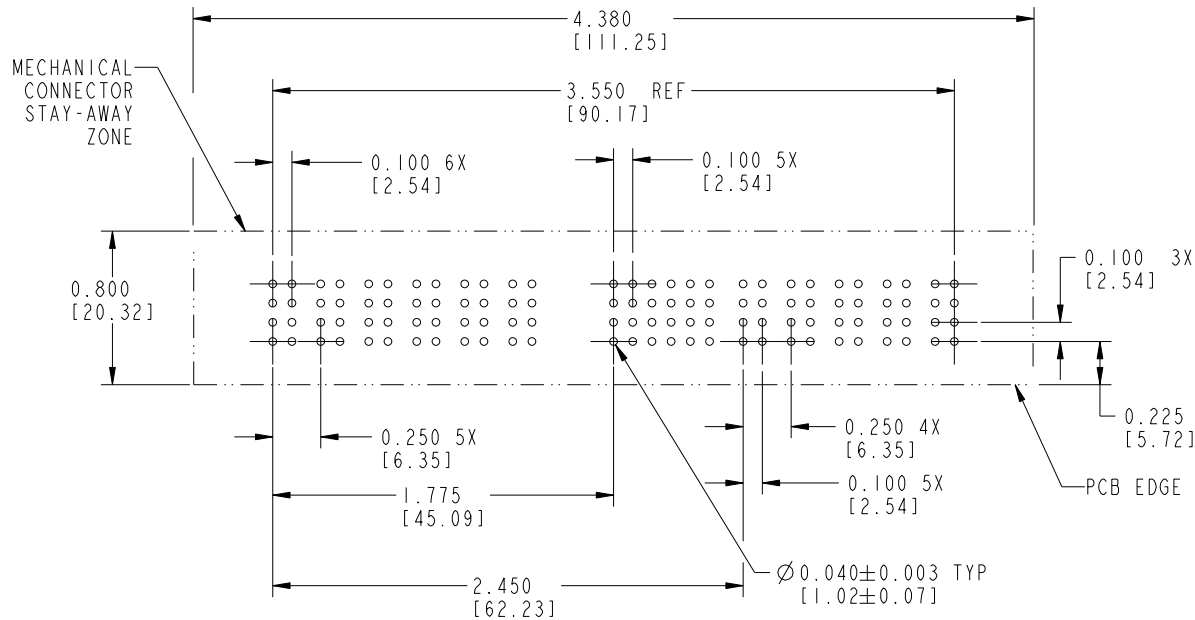
| mat'l code  |         |                |      | NOTE 1 |  |  |  | tolerances unless otherwise specified |                             |          |  | CUSTOMER COPY |  |  |  | FCI            |                    |       |        |
|-------------|---------|----------------|------|--------|--|--|--|---------------------------------------|-----------------------------|----------|--|---------------|--|--|--|----------------|--------------------|-------|--------|
| ltr         | ecn no. | dr             | date |        |  |  |  |                                       |                             |          |  |               |  |  |  |                |                    |       |        |
| H           |         |                |      |        |  |  |  | linear                                | .XX ± .01 / .X ± .3         |          |  | projection    |  |  |  | title          | 5P + 24S + 1M + 6P |       |        |
|             |         |                |      |        |  |  |  |                                       | .XXX ± .005 / .XX ± .13     |          |  |               |  |  |  | product family | PwrBlade           | code  | 213    |
|             |         |                |      |        |  |  |  | angles                                | .XXXX ± .0020 / .XXX ± .051 |          |  |               |  |  |  | size           | dwg no             | sheet | 2 of 4 |
|             |         |                |      |        |  |  |  |                                       | 0° ± 2°                     |          |  |               |  |  |  |                |                    |       |        |
|             |         |                |      |        |  |  |  | dr                                    | S. ROYER                    | 09-21-99 |  |               |  |  |  |                |                    |       |        |
|             |         |                |      |        |  |  |  | enr                                   | J. BROWN                    | 09-21-99 |  |               |  |  |  |                |                    |       |        |
|             |         |                |      |        |  |  |  | chr                                   | J. BROWN                    | 09-21-99 |  |               |  |  |  |                |                    |       |        |
|             |         |                |      |        |  |  |  | appd                                  | J. BROWN                    | 09-21-99 |  |               |  |  |  |                |                    |       |        |
| sheet index |         | revision sheet |      |        |  |  |  |                                       |                             |          |  |               |  |  |  |                |                    |       |        |



PRODUCT NUMBER

51667-XX001--

NOTE: (3)



RECOMMENDED PCB LAYOUT

| mat'l code  |                |    |      | tolerances unless otherwise specified |                                    | CUSTOMER COPY  |                      | FCI                                                         |                            | www.fciconnect.com |                 |
|-------------|----------------|----|------|---------------------------------------|------------------------------------|----------------|----------------------|-------------------------------------------------------------|----------------------------|--------------------|-----------------|
| ltr         | ecn no.        | dr | date | linear                                | XX $\pm$ .01 / .X $\pm$ .3         | projection<br> | INCH/MM<br>scale 1:1 | title<br>5P + 24S + 1M + 6P<br>VERTICAL PRESSFIT RECEPTACLE | product family<br>PwrBlade | code<br>213        | sheet<br>3 of 4 |
| H           |                |    |      |                                       | XXX $\pm$ .005 / .XX $\pm$ .13     |                |                      |                                                             |                            |                    |                 |
|             |                |    |      |                                       | XXXX $\pm$ .0020 / .XXX $\pm$ .051 |                |                      |                                                             |                            |                    |                 |
|             |                |    |      | angles                                | 0° $\pm$ 2°                        |                |                      |                                                             |                            |                    |                 |
|             |                |    |      | dr                                    | S. ROYER 09-21-99                  |                |                      |                                                             |                            |                    |                 |
|             |                |    |      | enr                                   | J. BROWN 09-21-99                  |                |                      |                                                             |                            |                    |                 |
|             |                |    |      | chr                                   | J. BROWN 09-21-99                  |                |                      |                                                             |                            |                    |                 |
|             |                |    |      | appd                                  | J. BROWN 09-21-99                  | A              |                      | 51667                                                       |                            |                    |                 |
| sheet index | revision sheet |    |      |                                       |                                    |                |                      |                                                             |                            |                    |                 |
|             |                |    |      |                                       |                                    |                |                      |                                                             |                            |                    |                 |
|             |                |    |      |                                       |                                    |                |                      |                                                             |                            |                    |                 |

Pro/E

PDM: Rev: H

STAT: Released

Printed: Dec 20, 2010

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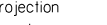
|                |  |          |     |                                            |        |                                          |        |                 |
|----------------|--|----------|-----|--------------------------------------------|--------|------------------------------------------|--------|-----------------|
| PRODUCT NUMBER |  | ITEM NO. | QTY | DIM "M"<br>MATING<br>LENGTH<br>±.010[0.25] |        | DIM "T"<br>TAIL<br>LENGTH<br>±.010[0.25] |        | CONTACT<br>TYPE |
| 51667-XX001--  |  |          |     |                                            |        |                                          |        |                 |
| NOTE:③         |  |          |     |                                            |        |                                          |        |                 |
|                |  |          |     |                                            |        |                                          |        |                 |
|                |  | PC       | 11  | 0.042                                      | [1.07] | 0.135                                    | [3.43] | POWER           |
|                |  | F        | 24  | N/A                                        | [N/A]  | 0.135                                    | [3.43] | SIGNAL          |

| PRODUCT No.   | ROWS             |                                                                                     | POWER                                                                               |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     | - | SIGNAL                                                                              |                                                                                     |                                                                                     |                                                                                     |                                                                                     | POWER                                                                               |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|---------------|------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|               |                  | E2                                                                                  | P11                                                                                 | P10                                                                                 | P9                                                                                  | P8                                                                                  | P7                                                                                  | P6                                                                                  |   | 6                                                                                   | 5                                                                                   | 4                                                                                   | 3                                                                                   | 2                                                                                   | 1                                                                                   | P5                                                                                  | P4                                                                                  | P3                                                                                  | P2                                                                                  | P1                                                                                  | E1                                                                                  |
| 51667-XX001-- | D<br>C<br>B<br>A |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |

CONNECTOR  
NOTES:

1. HOUSING MATERIAL: GLASS FILLED HIGH TEMP THERMOPLASTIC, FLAME RETARDANT PER UL94V-0  
SIGNAL CONTACT MATERIAL: COPPER ALLOY  
POWER CONTACT MATERIAL: COPPER ALLOY  
② MANUFACTURER NAME, P/N, AND DATE CODE TO APPEAR ON THIS SURFACE.  
③ PLATING:  
SEE PRINT 10064183 FOR PLATING SPEC OF 51667-XX001; 51667-XX001LF.

- PCB NOTES:  
4. ALL DIMENSIONS ARE BASIC UNLESS OTHERWISE SPECIFIED.  
5. ALL THROUGH HOLES ARE LOCATED WITH A TRUE POSITION OF 0.004".  
6. ALL DIAMETERS ARE FINISHED HOLE SIZES.  
7. Ø0.0453±.0010[1.151±0.025] DRILLED HOLES PLATED WITH 0.0003[0.007]MIN. SnPb OR Sn OVER 0.001[1.03] TO 0.003[0.08]Cu PLATING TO ACHIEVE A 0.040±.003[1.02±.08] HOLE.  
8. A△SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

|             |         |          |      |                                          |                        |          |                  |                                                                                                     |                                                                                       |  |                    |  |       |        |
|-------------|---------|----------|------|------------------------------------------|------------------------|----------|------------------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--|--------------------|--|-------|--------|
| mat'l code  |         |          |      | tolerances unless<br>otherwise specified |                        |          | CUSTOMER<br>COPY |                                                                                                     |  |  | www.fciconnect.com |  |       |        |
| ltr         | ecn no. | dr       | date | linear                                   | XX ±.01/.X ±.3         |          |                  | projection<br> | title<br>5P + 24S + 1M + 6P<br>VERTICAL PRESSFIT RECEPTACLE                           |  |                    |  |       |        |
| H           |         |          |      |                                          | XXX ±.005/.XX ±.13     |          |                  |                                                                                                     |                                                                                       |  |                    |  |       |        |
|             |         |          |      |                                          | XXXX ±.0020/.XXX ±.051 |          |                  |                                                                                                     |                                                                                       |  |                    |  |       |        |
|             |         |          |      | angles                                   | 0° ± 2°                |          |                  | <br>INCH/MM    | product family                                                                        |  |                    |  |       |        |
|             |         |          |      | dr                                       | S. ROYER               | 09-21-99 | PwrBlade         |                                                                                                     |                                                                                       |  |                    |  |       |        |
|             |         |          |      | enrg                                     | J. BROWN               | 09-21-99 | code             |                                                                                                     |                                                                                       |  |                    |  |       |        |
|             |         |          |      | chr                                      | J. BROWN               | 09-21-99 | scale            |                                                                                                     | size                                                                                  |  | dwg no             |  | 213   |        |
|             |         |          |      | appd                                     | J. BROWN               | 09-21-99 | 1:1              |                                                                                                     | A                                                                                     |  | 51667              |  | sheet |        |
| sheet index |         | revision |      |                                          |                        |          |                  |                                                                                                     |                                                                                       |  |                    |  |       |        |
|             |         | sheet    |      |                                          |                        |          |                  |                                                                                                     |                                                                                       |  |                    |  |       | 4 of 4 |

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PDM: Rev:H

STAT: Released

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