

## Excellent Integrated System Limited

Stocking Distributor

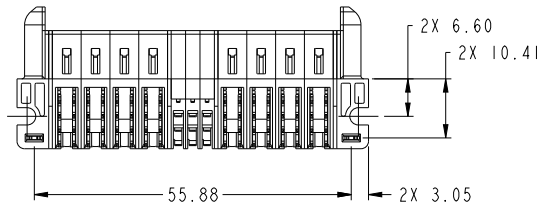
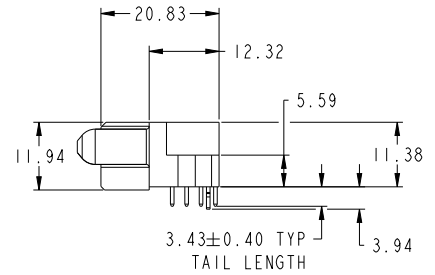
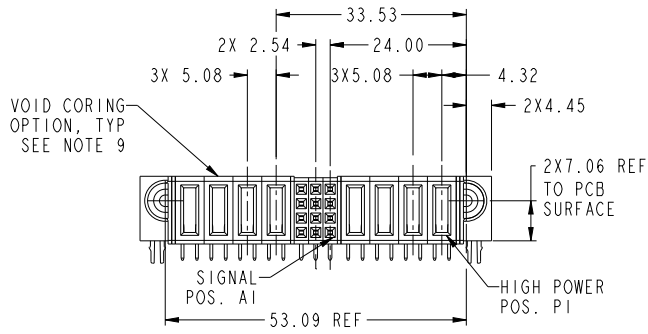
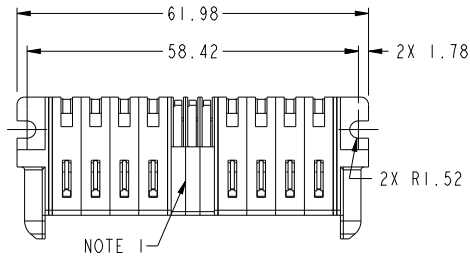
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[FCI](#)  
[10106135-8003001LF](#)

For any questions, you can email us directly:

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

PRODUCT NUMBER SEE SHEET 2



|                                       |            |       |                |                    |                                        |           |              |                  |       |     |
|---------------------------------------|------------|-------|----------------|--------------------|----------------------------------------|-----------|--------------|------------------|-------|-----|
| spec ref                              | *          | dr    | Peng-Bing Fu   | 201305021          | projection                             | MM        | size         | A3               | scale | 3:2 |
| tolerance std                         | ASME Y14.5 | eng   | Peng-Bing Fu   | 201304025          | chr                                    |           | ecn no       |                  |       |     |
| TOLERANCES UNLESS OTHERWISE SPECIFIED |            | appr  | Pai-Ming Zhang | 201304025          | product family                         | PwrBlade+ | rel level    | Released         |       |     |
| surface                               | linear     | 0.X   | ±0.5           | FCI<br>www.fci.com | 4HDP + 12S + 4HDP<br>RA STB RECEPTACLE |           | dwg no       | 10106135-8003001 |       | rev |
|                                       |            | 0.XX  | ±0.25          |                    |                                        |           |              |                  |       |     |
|                                       |            | 0.XXX | ±0.10          |                    |                                        |           |              |                  |       |     |
| ASME Y14.5                            | angular    | 0°    | ±2°            | cat. no.           | Product - Customer Drw                 |           | sheet 1 of 3 |                  |       |     |

Prod File - REV C - 2009-04-09

1

2

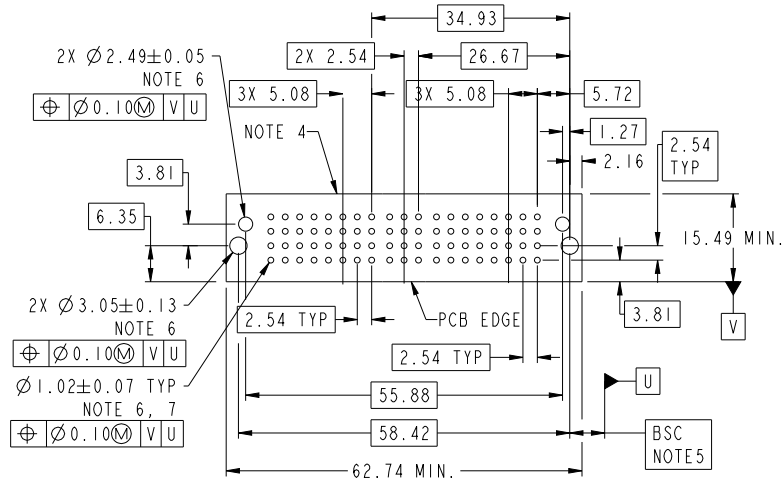
3

PDS: Rev :A

STATUS:Released

Printed: Apr 25, 2013

| PRODUCT NO.        |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ROWS |  | HIGH POWER SIG HIGH POWER           |                                                                                   |  |                              |  |  |  |  |  |  |  |  | CODE |  | DESCRIPTION |  |   |  |                           |  |
|--------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|------|--|-------------------------------------|-----------------------------------------------------------------------------------|--|------------------------------|--|--|--|--|--|--|--|--|------|--|-------------|--|---|--|---------------------------|--|
|                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |  | E1 P8 P7 P6 P5 3 2 1 P4 P3 P2 P1 E2 |                                                                                   |  |                              |  |  |  |  |  |  |  |  |      |  |             |  |   |  |                           |  |
| 10106135-8003001LF |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |  | D<br>C<br>B<br>A                    |  |  |                              |  |  |  |  |  |  |  |  |      |  |             |  | E |  | STD SIGNAL CONTACT, ROW A |  |
|                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |  |                                     | F                                                                                 |  | STD SIGNAL CONTACT, ROW B    |  |  |  |  |  |  |  |  |      |  |             |  |   |  |                           |  |
|                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |  |                                     | G                                                                                 |  | STD SIGNAL CONTACT, ROW C    |  |  |  |  |  |  |  |  |      |  |             |  |   |  |                           |  |
|                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |  |                                     | H                                                                                 |  | STD SIGNAL CONTACT, ROW D    |  |  |  |  |  |  |  |  |      |  |             |  |   |  |                           |  |
|                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |  |                                     | H3                                                                                |  | STD HIGH POWER CONTACT(3.43) |  |  |  |  |  |  |  |  |      |  |             |  |   |  |                           |  |
|                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |      |  |                                     | HA                                                                                |  | METAL HOLD DOWN              |  |  |  |  |  |  |  |  |      |  |             |  |   |  |                           |  |



|             |                |          |                        |    |                   |    |          |     |  |
|-------------|----------------|----------|------------------------|----|-------------------|----|----------|-----|--|
| dr          | Peng-Bing Fu   | 20130521 | projection             | MM | size              | A3 | scale    | 3:2 |  |
| eng         | Peng-Bing Fu   | 20130425 |                        |    | ecn no            |    | -        |     |  |
| chr         | -              | -        |                        |    | rel level         |    | Released |     |  |
| appr        | Pai-Ming Zhang | 20130425 | product family         |    | PwrBlade+         |    |          |     |  |
|             |                |          | title                  |    | 4HDP + 12S + 4HDP |    | rev      |     |  |
| www.fci.com |                |          | cat. no.               |    | 10106135-8003001  |    | A        |     |  |
|             |                |          | Product - Customer Drw |    | sheet 2 of 3      |    |          |     |  |

## NOTES:

- 1) "FCI", PART NUMBER AND DATE CODE TO BE MARKED ON THIS SURFACE.  
THE MARK CAN BE OMITTED IF THERE IS NOT ENOUGH SPACE ON THIS SURFACE.
- 2) MATERIALS:
  - HOUSING - GLASS FILLED WITH HIGH TEMP THERMOPLASTIC, UL94V-0.
  - SIGNAL CONTACT - COPPER ALLOY.
  - POWER CONTACT - HIGH CONDUCTIVITY COPPER ALLOY.
- 3) PLATING SPECIFICATION REFER TO FCI 10116351
- 4) DENOTES CONNECTOR KEEP OUT ZONE.
- 5) DATUM AND BASIC DIMENSIONS WERE ESTABLISHED BY CUSTOMER.
- 6) ALL HOLE DIAMETERS ARE FINISHED HOLE SIZES.
- 7)  $1.15 \pm 0.025\text{MM}$  DRILLED HOLE PLATED WITH  $0.00762\text{MM}$  MIN Sn  
OVER  $0.0254\text{-}0.0762\text{MM}$  Cu PLATING TO ACHIEVE A  $1.02 \pm 0.07\text{MM}$  HOLE.
- 8) PRODUCT SPECIFICATION REFER TO FCI GS-12-658.  
APPLICATION SPECIFICATION REFER TO FCI GS-20-141.  
PRODUCT PACKAGED IN TRAYS, REFER TO FCI GS-14-1502.
- 9) 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.

|             |                |           |                   |    |                        |                  |              |          |
|-------------|----------------|-----------|-------------------|----|------------------------|------------------|--------------|----------|
| dr          | Peng-Bing Fu   | 201305031 | projection        | MM | size                   | A3               | scale        | 3:2      |
| eng         | Peng-Bing Fu   | 201304025 |                   |    |                        | ecn no           | -            |          |
| chr         | -              | -         |                   |    |                        |                  |              |          |
| appr        | Pai-Ming Zheng | 201304025 | product family    |    | PwrBlade+              |                  | rel level    | Released |
|             |                |           | 4HDP + 12S + 4HDP |    | dwg no                 | 10106135-8003001 |              | rev      |
|             |                |           |                   |    |                        |                  |              |          |
| www.fci.com |                |           | cat. no.          |    | Product - Customer Drw |                  | sheet 3 of 3 |          |
|             |                |           |                   |    |                        |                  | A            |          |