

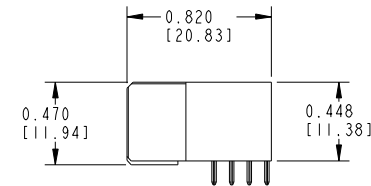
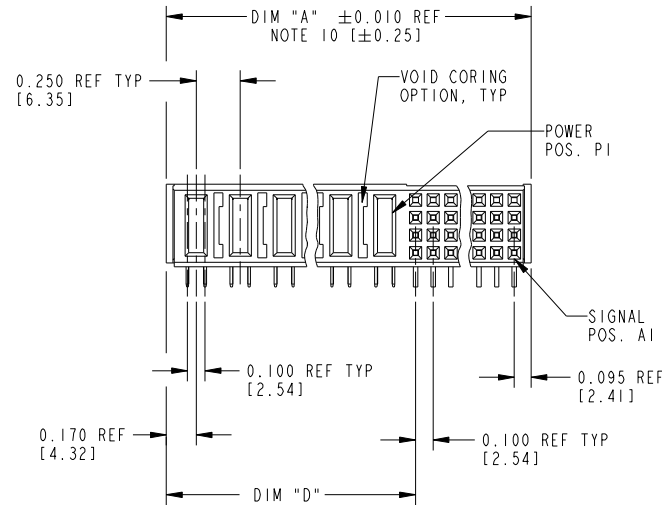
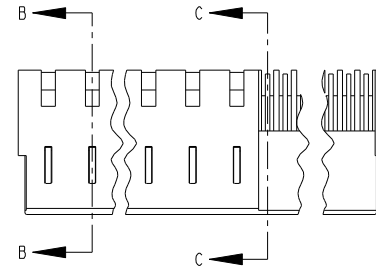
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|                   |
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| PRODUCT NUMBER    |
| 51765-A00CCDDDE0_ |
| SEE NOTE 1        |

1 2 3 4



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|                          |           |                |          |                                          |                     |                  |                                                                                                                 |                                                                                                             |        |              |      |
|--------------------------|-----------|----------------|----------|------------------------------------------|---------------------|------------------|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|--------|--------------|------|
| mat'l code<br>SEE NOTE 2 |           |                |          | tolerances unless<br>otherwise specified |                     | CUSTOMER<br>COPY |                                                                                                                 | <br>www.fciconnect.com |        |              |      |
| litr                     | ecr no.   | dr             | date     | linear                                   | .XX±.01/.X±.3       |                  | projection<br>             | title<br>RIGHT ANGLE RECEPTACLE w/o GUIDE PIN<br>SIGNAL / POWER                                             |        |              |      |
| J                        | D607-0012 | JULIA          | 01/12/07 |                                          | .XXX±.005/.XX±.13   |                  |                                                                                                                 |                                                                                                             |        |              |      |
| K                        | D607-0118 | RYAN           | 03/29/07 |                                          | .XXX±.0020/.XX±.051 |                  |                                                                                                                 |                                                                                                             |        |              |      |
| L                        | D608-0239 | JC             | 09/11/08 | angles                                   | 0°±2°               |                  | <br>INCH / MM<br>scale 1:1 | product family                                                                                              |        | PWRBLADE     | code |
| F                        | V02389    | JRW            | 10-05-00 | enr                                      | D. BOOLE            | 05-18-99         |                                                                                                                 | size                                                                                                        | dwg no | 213          |      |
| G                        | V21512    | TAB            | 10-04-02 | chr                                      | J. BROWN            | 05-18-99         |                                                                                                                 | 51765                                                                                                       |        | SHEET 1 OF 3 |      |
| H                        | V03-0769  | TAB            | 07-17-03 | appd                                     | J. BROWN            | 05-18-99         |                                                                                                                 |                                                                                                             |        |              |      |
| sheet index              |           | revision sheet |          | L                                        | L                   | L                |                                                                                                                 |                                                                                                             |        |              |      |
|                          |           |                |          | 1                                        | 2                   | 3                |                                                                                                                 |                                                                                                             |        |              |      |

form no. 7530-001-103

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|                    |         |                                                                  |
|--------------------|---------|------------------------------------------------------------------|
| PRODUCT NUMBER     | DIM     | LENGTH FORMULAS (SEE NOTE 10)                                    |
| 51765-A00CCCDDE0-- | DIM "A" | .250 [6.35] x DD + .100 [2.54] x (CCC/4) + .090 [2.29] (NOTE 10) |
| SEE NOTE 1         | DIM "D" | .250 [6.35] x DD + .095 [2.41]                                   |
|                    | DIM "F" | .250 [6.35] x DD + .100 [2.54] x (CCC/4) + .120 [3.05]           |
|                    | DIM "G" | .250 [6.35] x DD - .025 [0.64]                                   |

#### CONNECTOR NOTES

- ① PRODUCT NUMBER CODE:  
51765 - A 00 CCC DD E 0 LF  
W/O THIS SUFFIX: 100u"/2.54um SnPb ON PCB INTERFACE  
WITH THIS SUFFIX: 78u"/1.98um Sn ON PCB INTERFACE   
ALWAYS '0' (ZERO) (NOTE 8)  
TAIL OPTIONS (NOTE 7)  
NUMBER OF LEFT END POWER CONTACTS (NOTE 6)  
NUMBER OF SIGNAL CONTACTS (NOTE 5)  
ALWAYS '00' (ZERO,ZERO) (NOTE 4)  
PLATING (NOTE 3)  
BASE NUMBER
- ② HOUSING MATERIAL: GLASS FILLED V-O HIGH TEMP THERMO PLASTIC.  
SIGNAL CONTACT MATERIAL: COPPER ALLOY  
POWER CONTACT MATERIAL: COPPER ALLOY
- ③ PLATING OPTION:  
 = SEE PRINT 10064183 FOR PLATING SPEC OF 51765-100CCCDDE0; 51765-100CCCDDE0LF
- ④ THIS PART IS NOT AVAILABLE WITH RIGHT SIDE POWER CONTACTS.
- ⑤ SIGNAL CONTACTS, 004 TO 148 AVAILABLE FOR SOLDER TO BOARD,  
020 TO 148 AVAILABLE FOR PRESS-FIT.
- ⑥ LEFT END POWER CONTACTS, 01 TO 20 AVAILABLE.  
MAXIMUM OF 20 POWER CONTACTS PER CONNECTOR
- ⑦ TAIL OPTIONS:  
A = .135 ±.010 [3.43 ±0.25] SOLDER TO BOARD  
B = .090 +.005 / -.010 [2.29 +0.13 / -0.25]  
SOLDER TO BOARD)  
C = .154 ±.010 [3.91 ±0.25] PRESS-FIT TO BOARD

- ⑧ BOARD RETENTION NOT AVAILABLE WITH GUIDELESS ENDS.
- ⑨ MANUFACTURE'S NAME, P/N, AND DATE CODE TO APPEAR ON THIS SURFACE.
- ⑩ THE MAXIMUM OVERALL LENGTH (DIM A) OF A PART IS 8.00 [203.2]
11. PRODUCT SPECIFICATION GS-12-149  
12. APPLICATION SPECIFICATION BUS-20-067

#### PCB NOTES:

13. ALL DIMENSIONS ARE BASIC UNLESS OTHERWISE SPECIFIED.
14. ALL THROUGH HOLES ARE LOCATED WITH A TRUE POSITION OF .004[0.10]
15. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.
- ⑪  $\varnothing 0.0453 \pm .001$  [1.151 ±0.02] DRILLED HOLES PLATED WITH 0.0003 [0.007] MIN SnPb OR Sn OVER 0.001 [1.03] TO .003 [0.08] Cu PLATING TO ACHIEVE A .040±.003 [1.02±08] HOLE.
17. A  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

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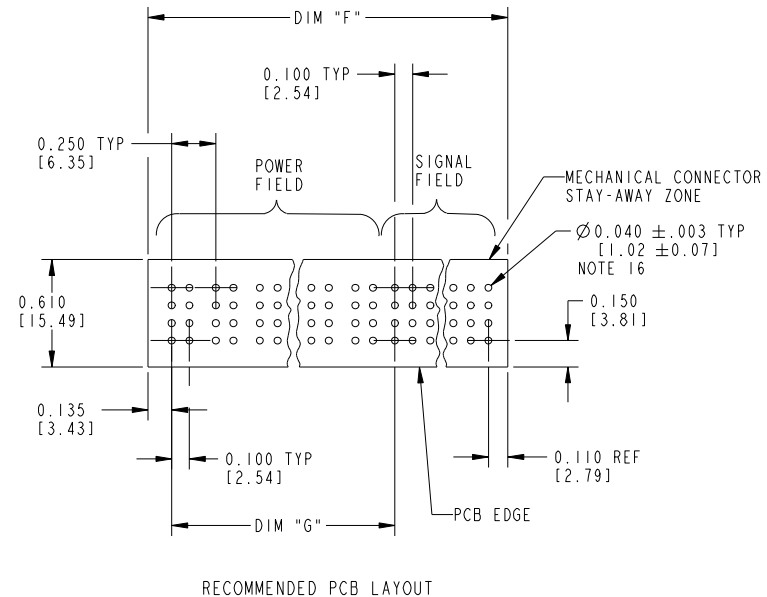
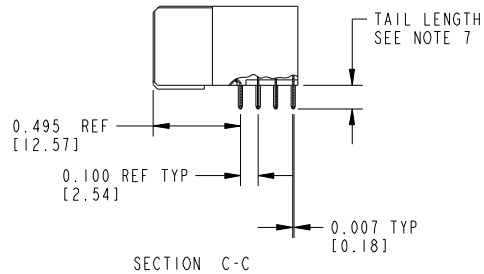
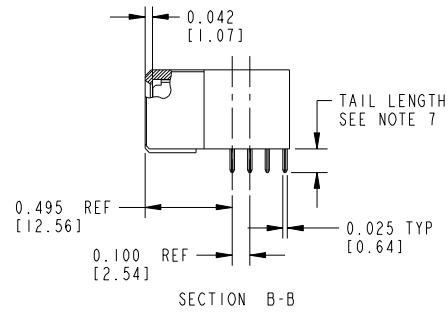
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| mat'l code  |         |                |      | tolerances unless otherwise specified |                        | CUSTOMER COPY |                                                                                                     |  |                | www.fciconnect.com |        |         |
| litr        | ecn no. | dr             | date | linear                                | .XX±.01/.X±.3          |               | projection<br> | title<br>RIGHT ANGLE RECEPTACLE w/o GUIDE PIN<br>SIGNAL / POWER                       |                |                    |        |         |
| L           |         |                |      |                                       | .XXX±.005/.XX±.13      |               |                                                                                                     |                                                                                       |                |                    |        |         |
|             |         |                |      |                                       | .XXXX±.0020/.XXX±.051  |               |                                                                                                     |                                                                                       |                |                    |        |         |
|             |         |                |      | angles                                | 0°±2°                  |               |                | product family<br>PWRBLADE                                                            |                |                    |        |         |
|             |         |                |      |                                       | dr D.BOOLE 05-18-99    |               |                                                                                                     |                                                                                       |                |                    |        |         |
|             |         |                |      |                                       | enrg J. BROWN 05-18-99 |               |                                                                                                     |                                                                                       |                |                    |        |         |
|             |         |                |      |                                       | chr J. BROWN 05-18-99  |               | INCH / MM                                                                                           |                                                                                       | product family |                    | code   |         |
|             |         |                |      |                                       | appd J. BROWN 05-18-99 |               | scale 1:1                                                                                           |                                                                                       | size           |                    | dwg no | 213     |
| sheet index |         | revision sheet |      |                                       |                        |               |                                                                                                     |                                                                                       |                | 51765              |        | SHEET 2 |
|             |         |                |      |                                       |                        |               |                                                                                                     |                                                                                       |                |                    |        |         |
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|-------------------|
| PRODUCT NUMBER    |
| 51765-A00CCCDDE0_ |
| SEE NOTE 1        |



|             |         |                |      |                                       |                      |          |                                                                                                                 |                                                                                       |                                                               |                                                                                       |         |                    |  |
|-------------|---------|----------------|------|---------------------------------------|----------------------|----------|-----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------------------------------|---------|--------------------|--|
| mat'l code  |         |                |      | tolerances unless otherwise specified |                      |          |                                                                                                                 | CUSTOMER COPY                                                                         |                                                               |  |         | www.fciconnect.com |  |
| ltr         | ecn no. | dr             | date | linear                                | .XX±.01/.X±.3        |          | projection                                                                                                      |  | title<br>RIGHT ANGLE RECEPTACLE w/GUIDE PIN<br>SIGNAL / POWER |                                                                                       |         |                    |  |
| L           |         |                |      |                                       | .XXX±.005/.XX±.13    |          |                                                                                                                 |                                                                                       |                                                               |                                                                                       |         |                    |  |
|             |         |                |      |                                       | .XXX±.0020/.XXX±.051 |          |                                                                                                                 |                                                                                       |                                                               |                                                                                       |         |                    |  |
|             |         |                |      | angles                                | 0°±2°                |          | INCH / MM<br><br>scale 1:1 | product family<br>size                                                                | dwg no                                                        |                                                                                       | code    |                    |  |
|             |         |                |      | dr                                    | D.BOGLE              | 05-18-99 |                                                                                                                 |                                                                                       | PWRBLADE                                                      |                                                                                       | 213     |                    |  |
|             |         |                |      | enrg                                  | J. BROWN             | 05-18-99 |                                                                                                                 |                                                                                       | 51765                                                         |                                                                                       | SHEET 3 |                    |  |
|             |         |                |      | chr                                   | J. BROWN             | 05-18-99 |                                                                                                                 |                                                                                       |                                                               |                                                                                       |         |                    |  |
|             |         |                |      | appd                                  | J. BROWN             | 05-18-99 |                                                                                                                 |                                                                                       |                                                               |                                                                                       |         |                    |  |
| sheet index |         | revision sheet |      |                                       |                      |          |                                                                                                                 |                                                                                       |                                                               |                                                                                       |         |                    |  |

form no. 7530-001-103

cage code 22526

## Данный компонент на территории Российской Федерации

**Вы можете приобрести в компании MosChip.**

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

### Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: [info@moschip.ru](mailto:info@moschip.ru)

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