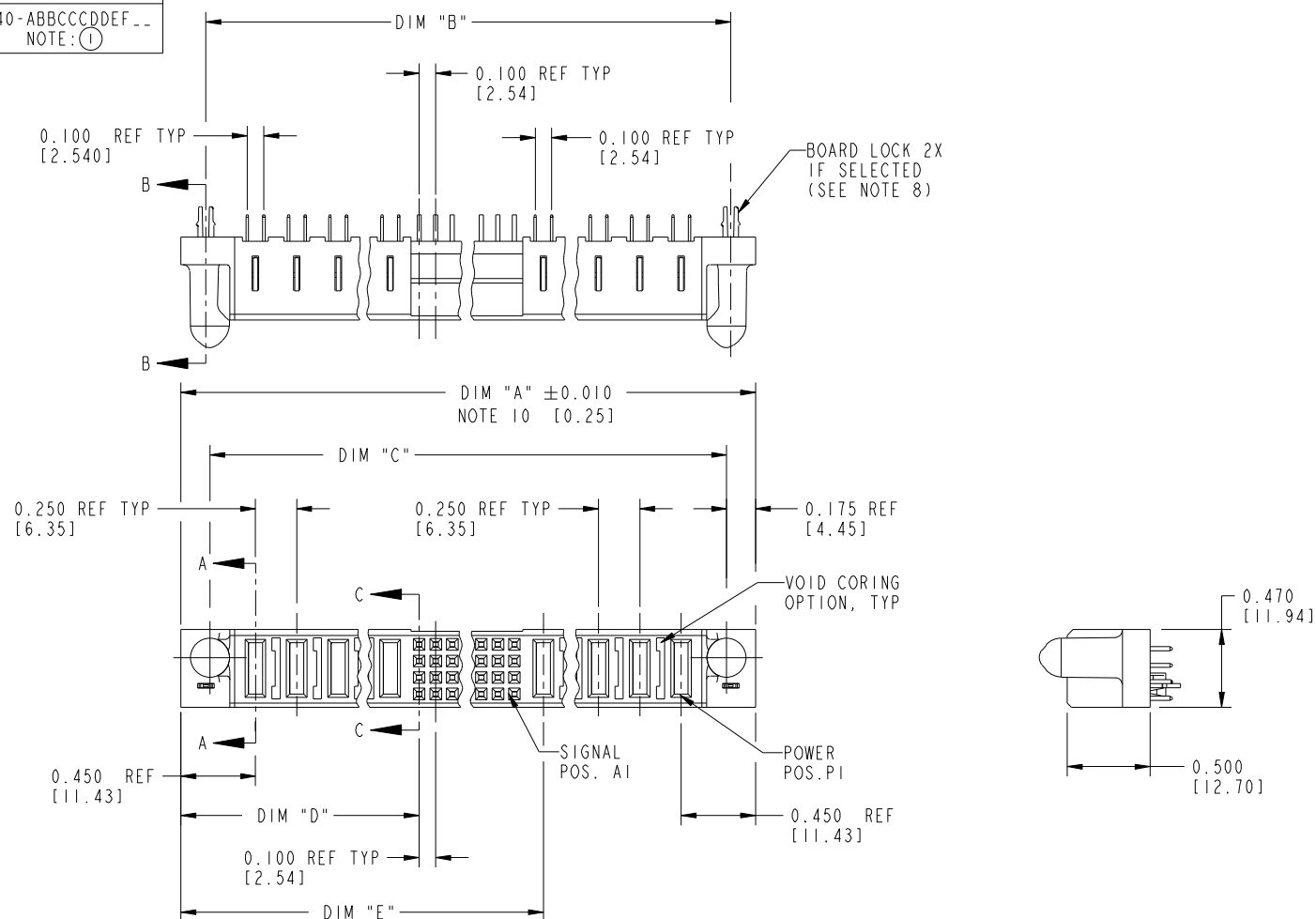


Tous droits strictement réservés. Reproduction ou communication à des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriété de c FCI. Droits de reproduction FCI.



All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

PRODUCT NUMBER  
51740-ABBCCDDEF--  
NOTE: ①



| mat'l code  |                |       |          | SEE NOTE 2 |  | tolerances unless otherwise specified |  | CUSTOMER   |  | FCI                                                             |              |
|-------------|----------------|-------|----------|------------|--|---------------------------------------|--|------------|--|-----------------------------------------------------------------|--------------|
| litr        | ecn no.        | dr    | date     |            |  |                                       |  | COPY       |  | www.fciconnect.com                                              |              |
| K           | DG05-0132      | SJ    | 06/06/05 | linear     |  | .XX±.01/0.X±0.3                       |  | projection |  | title VERTICAL RECEPTACLE w/GUIDE PIN<br>POWER / SIGNAL / POWER |              |
| L           | DG05-0153      | SJ    | 06/10/05 |            |  | .XXX±.005/0.XX±0.13                   |  |            |  |                                                                 |              |
| M           | DG05-0485      | GUOJM | 11/21/05 | angles     |  | .XXX±.0020/.XX±.051                   |  |            |  | product family PwrBlade code 213                                |              |
| N           | DG06-0362      | JULIA | 08/30/06 |            |  | 0°±2°                                 |  | INCH/MM    |  |                                                                 |              |
| P           | DG08-0239      | JC    | 09/11/08 | enrg       |  | D. EATON 05-25-99                     |  | scale      |  | size dwg no 51740                                               | sheet 1 of 3 |
| R           | DG10-0318      | AL    | 09/03/10 | chr        |  | RYAN YUAN 11/08/06                    |  | 1:1        |  |                                                                 |              |
|             |                |       |          | appd       |  | J. BROWN 05-24-99                     |  |            |  |                                                                 |              |
| sheet index | revision sheet | R     | R        | R          |  |                                       |  |            |  |                                                                 |              |
|             |                | 1     | 2        | 3          |  |                                       |  |            |  |                                                                 |              |

Pro/E

cage code 22526

|                               |         |                                                                                      |
|-------------------------------|---------|--------------------------------------------------------------------------------------|
| PRODUCT NUMBER                | DIM     | LENGTH FORMULAS (SEE NOTE 10)                                                        |
| 51740-ABBCCCDDEF__<br>NOTE: ① | DIM "A" | .250 [6.35] x DD + .100 [2.54] x (CCC/4) + .250 [6.35] x BB + .650 [16.51] (NOTE 10) |
|                               | DIM "B" | .250 [6.35] x DD + .100 [2.54] x (CCC/4) + .250 [6.35] x BB + .350 [8.89]            |
|                               | DIM "C" | .250 [6.35] x DD + .100 [2.54] x (CCC/4) + .250 [6.35] x BB + .300 [7.62]            |
|                               | DIM "D" | .250 [6.35] x DD + .375 [9.53]                                                       |
|                               | DIM "E" | .250 [6.35] x DD + .100 [2.54] x (CCC/4) + .450 [11.43]                              |
|                               | DIM "F" | .250 [6.35] x DD + .100 [2.54] x (CCC/4) + .250 [6.35] x BB + .680 [17.27]           |
|                               | DIM "G" | .250 [6.35] x DD + .225 [5.72]                                                       |
|                               | DIM "H" | .250 [6.35] x DD + .100 [2.54] x (CCC/4) + .250 [6.35]                               |

## CONNECTOR NOTES

1. PRODUCT NUMBER CODE:  
51740 - A BB CCC DD E F LF

2. HOUSING MATERIAL: GLASS FILLED V-O HIGH TEMP THERMO PLASTIC.  
SIGNAL CONTACT MATERIAL: COPPER ALLOY  
POWER CONTACT MATERIAL: COPPER ALLOY

3. PLATING OPTION:  
1 = SEE PRINT 10064183 FOR PLATING SPEC OF 51740-1BBCCDDEF; 51740-1BBCCDDEFLF

4. RIGHT END POWER CONTACT, 01 TO 20 AVAILABLE.  
MAXIMUM OF 20 POWER CONTACTS PER CONNECTOR.

5. SIGNAL CONTACTS, 004 TO 148 AVAILABLE.

6. LEFT END POWER CONTACTS, 01 TO 20 AVAILABLE.  
MAXIMUM OF 20 POWER CONTACTS PER CONNECTOR.

7. TAIL OPTIONS:  
A = .135 ±0.010 [3.43±0.25] SOLDER TO BOARD  
C = .135 ±0.010 [3.43±0.25] PRESS FIT

8. RETENTION TO PCB OPTIONS:  
A = BOARD LOCK (REQUIRES .098 + .002, -.001 [2.49 +0.05, -.03] THRU HOLE IN PCB)  
RECOMMENDED ON SYMMETRIC CONNECTORS.  
BOARD LOCK TO BE USED IN CONJUNCTION WITH AN .092 PCB OR THICKER.  
C = NO RETENTION FEATURE.

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. REFERENCE 51698 FOR SPECIALS WORKSHEET.

PCB NOTES:

13. ALL DIMENSIONS ARE BASIC UNLESS OTHERWISE SPECIFIED.

14. ALL THROUGH HOLES ARE LOCATED WITH A TRUE POSITION OF .004 [0.01]

15. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

16. 0.0453±.001 [1.151±.02] DRILLED HOLES PLATED WITH 0.0003 [0.007] MIN SnPb OVER 0.001 [1.03] TO .003 [0.08] PLATING TO ACHIEVE A .040 ±.003 [1.02 ±.08] HOLE.

17. A Δ SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

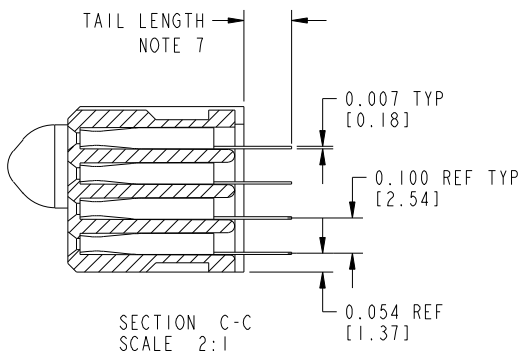
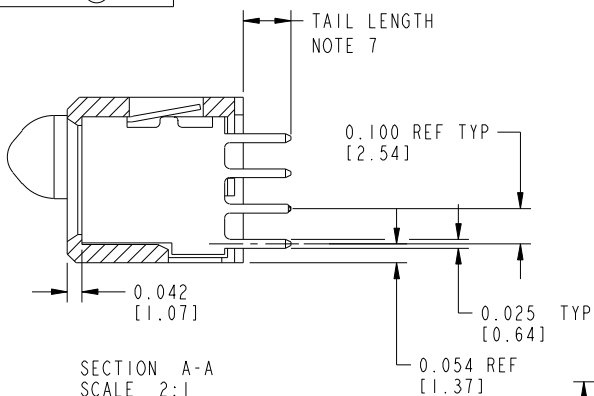
|                |  |          |  |            |  |      |  |                                          |  |                                                 |  |                                                                                                  |  |                                                                                                     |  |                                                                                       |  |  |  |                    |  |             |  |
|----------------|--|----------|--|------------|--|------|--|------------------------------------------|--|-------------------------------------------------|--|--------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|--|--|--------------------|--|-------------|--|
| mat'l code     |  |          |  | SEE NOTE 2 |  |      |  | tolerances unless<br>otherwise specified |  |                                                 |  | CUSTOMER                                                                                         |  |                                                                                                     |  |  |  |  |  | www.fciconnect.com |  |             |  |
| litr           |  | ecn no.  |  | dr         |  | date |  | linear                                   |  | .XX±.01 / 0.XX±0.3                              |  | COPY                                                                                             |  | projection<br> |  | title<br>VERTICAL RECEPTACLE w/GUIDE PIN<br>POWER / SIGNAL / POWER                    |  |  |  |                    |  |             |  |
| R              |  |          |  |            |  |      |  |                                          |  | .XXX±.005 / 0.XX±0.13<br>.XXXX±.0020 / .XX±.051 |  |                                                                                                  |  |                                                                                                     |  |                                                                                       |  |  |  |                    |  |             |  |
|                |  |          |  |            |  |      |  | angles                                   |  | 0° ± 2°                                         |  |                                                                                                  |  |                |  | product family<br>PwrBlade                                                            |  |  |  |                    |  | code<br>213 |  |
|                |  |          |  |            |  |      |  |                                          |  |                                                 |  |                                                                                                  |  |                                                                                                     |  |                                                                                       |  |  |  |                    |  |             |  |
|                |  |          |  |            |  |      |  | dr                                       |  | D. EATON 05-25-99                               |  | INCH/MM<br> |  | size<br>dwg no<br>A 51740                                                                           |  |                                                                                       |  |  |  | sheet<br>2 of      |  |             |  |
|                |  |          |  |            |  |      |  | engr                                     |  | RYAN YUAN 11/08/06                              |  |                                                                                                  |  |                                                                                                     |  |                                                                                       |  |  |  |                    |  |             |  |
|                |  |          |  |            |  |      |  | chr                                      |  | J. BROWN 05-24-99                               |  | scale<br>1:1                                                                                     |  |                                                                                                     |  |                                                                                       |  |  |  |                    |  |             |  |
|                |  |          |  |            |  |      |  | appd                                     |  | J. BROWN 05-24-99                               |  |                                                                                                  |  |                                                                                                     |  |                                                                                       |  |  |  |                    |  |             |  |
| sheet<br>index |  | revision |  |            |  |      |  | sheet                                    |  |                                                 |  |                                                                                                  |  |                                                                                                     |  |                                                                                       |  |  |  |                    |  |             |  |

Tous droits strictement réservés. Reproduction ou communication à des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriété de c FCI. Droits de reproduction FCI.



All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

PRODUCT NUMBER  
51740-ABBCCDDEF..  
NOTE: ①



RECOMMENDED PCB LAYOUT

|             |         |                |      |            |           |                                       |  |          |  |            |  |                                 |  |
|-------------|---------|----------------|------|------------|-----------|---------------------------------------|--|----------|--|------------|--|---------------------------------|--|
| mat'l code  |         |                |      | SEE NOTE 2 |           | tolerances unless otherwise specified |  | CUSTOMER |  | FCI        |  | www.fciconnect.com              |  |
| litr        | ecn no. | dr             | date | linear     |           | .XX±.01/0.X±0.3                       |  | COPY     |  | projection |  | title                           |  |
| R           |         |                |      |            |           | .XXX±.005/0.XX±0.13                   |  |          |  |            |  | VERTICAL RECEPTACLE w/GUIDE PIN |  |
|             |         |                |      | angles     |           | .XXX±.0020/.XX±.051                   |  |          |  |            |  | POWER / SIGNAL / POWER          |  |
|             |         |                |      | dr         | D. EATON  | 05-25-99                              |  |          |  |            |  | product family                  |  |
|             |         |                |      | engr       | RYAN YUAN | 11/08/06                              |  |          |  |            |  | PwrBlade                        |  |
|             |         |                |      | chr        | J. BROWN  | 05-24-99                              |  |          |  |            |  | code                            |  |
|             |         |                |      | appd       | J. BROWN  | 05-24-99                              |  |          |  |            |  | 213                             |  |
| sheet index |         | revision sheet |      |            |           |                                       |  |          |  |            |  | sheet                           |  |
|             |         |                |      |            |           |                                       |  |          |  |            |  | 3 of 3                          |  |
|             |         |                |      |            |           |                                       |  |          |  |            |  |                                 |  |

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)

Skype отдела продаж:

moschip.ru

moschip.ru\_4

moschip.ru\_6

moschip.ru\_9