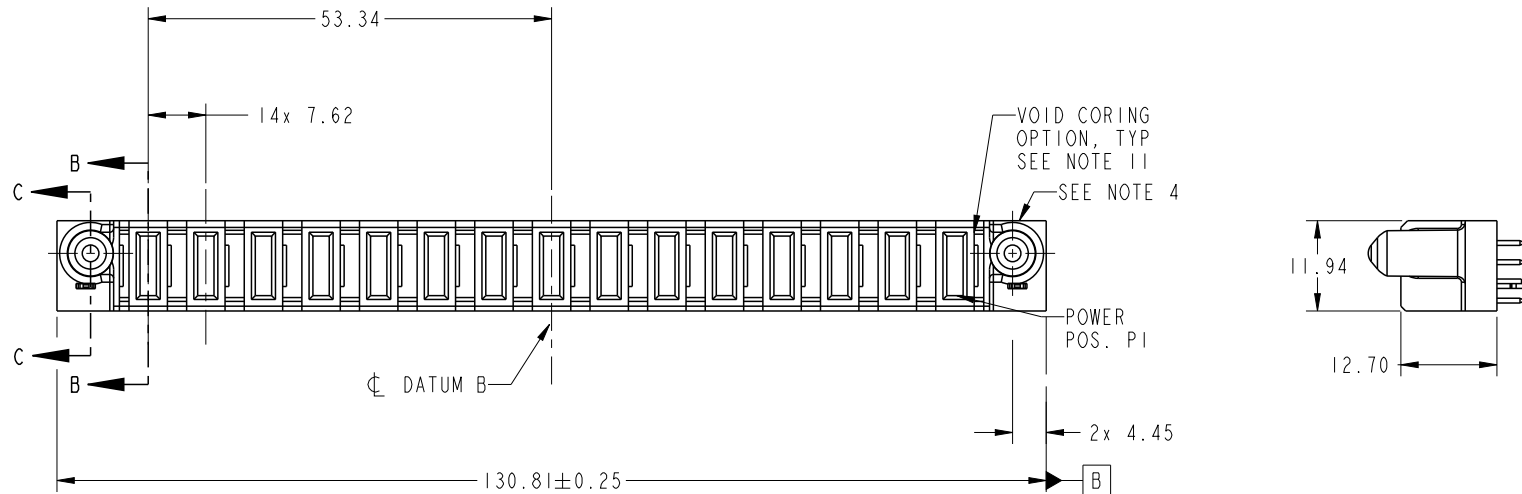


| PRODUCT NO. | POWER |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |
|-------------|-------|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|
|             | E2    | P15 | P14 | P13 | P12 | P11 | P10 | P9 | P8 | P7 | P6 | P5 | P4 | P3 | P2 | P1 | E1 |
| 51940-618LF |       | PA  | PA  | PA  | PA  | PA  | PA  | PA | PA | PA | PA | PA | PA | PA | PA | PA |    |



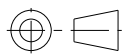
| CODE | DIM "M" MATING LENGTH | CONTACT TYPE |
|------|-----------------------|--------------|
| PA   | [1.07]                | POWER        |
| HA   | [N/A]                 | HOLD-DOWN    |

|               |                                       |           |       |                 |                                          |            |                                   |                           |           |              |       |          |
|---------------|---------------------------------------|-----------|-------|-----------------|------------------------------------------|------------|-----------------------------------|---------------------------|-----------|--------------|-------|----------|
| spec ref      |                                       | SEE NOTES |       | dr              | Ruan MT                                  | 2016/07/13 | <div>projection</div> <div></div> | <div>MM</div> <div></div> | size      | A4           | scale | 1:1      |
| tolerance std | TOLERANCES UNLESS OTHERWISE SPECIFIED |           |       | eng             | Ruan MT                                  | 2016/07/29 |                                   |                           | ecn no    | -            |       |          |
|               |                                       |           |       | chr             | Fancy Zhang                              | 2016/07/28 |                                   |                           |           |              |       |          |
|               |                                       |           |       | appr            | Pei-Ming Zheng                           | 2016/07/29 |                                   |                           |           |              |       |          |
| SEE NOTES     |                                       |           |       |                 |                                          |            |                                   |                           |           |              |       |          |
| surface       | linear                                | 0.X       | ±0.5  | Amphenol<br>FCI | title<br>I5ACP<br>VERTICAL SOLDER RECEPT |            |                                   | dwg no                    | 51940-618 |              |       | rev<br>A |
|               |                                       | 0.XX      | ±0.25 |                 |                                          |            |                                   |                           |           |              |       |          |
|               |                                       | 0.XXX     | ±0.1  |                 |                                          |            |                                   |                           |           |              |       |          |
|               | angular                               | 0°        | ±2°   |                 |                                          | cat. no.   | Product - Customer Drw            |                           |           | sheet 1 of 4 |       |          |

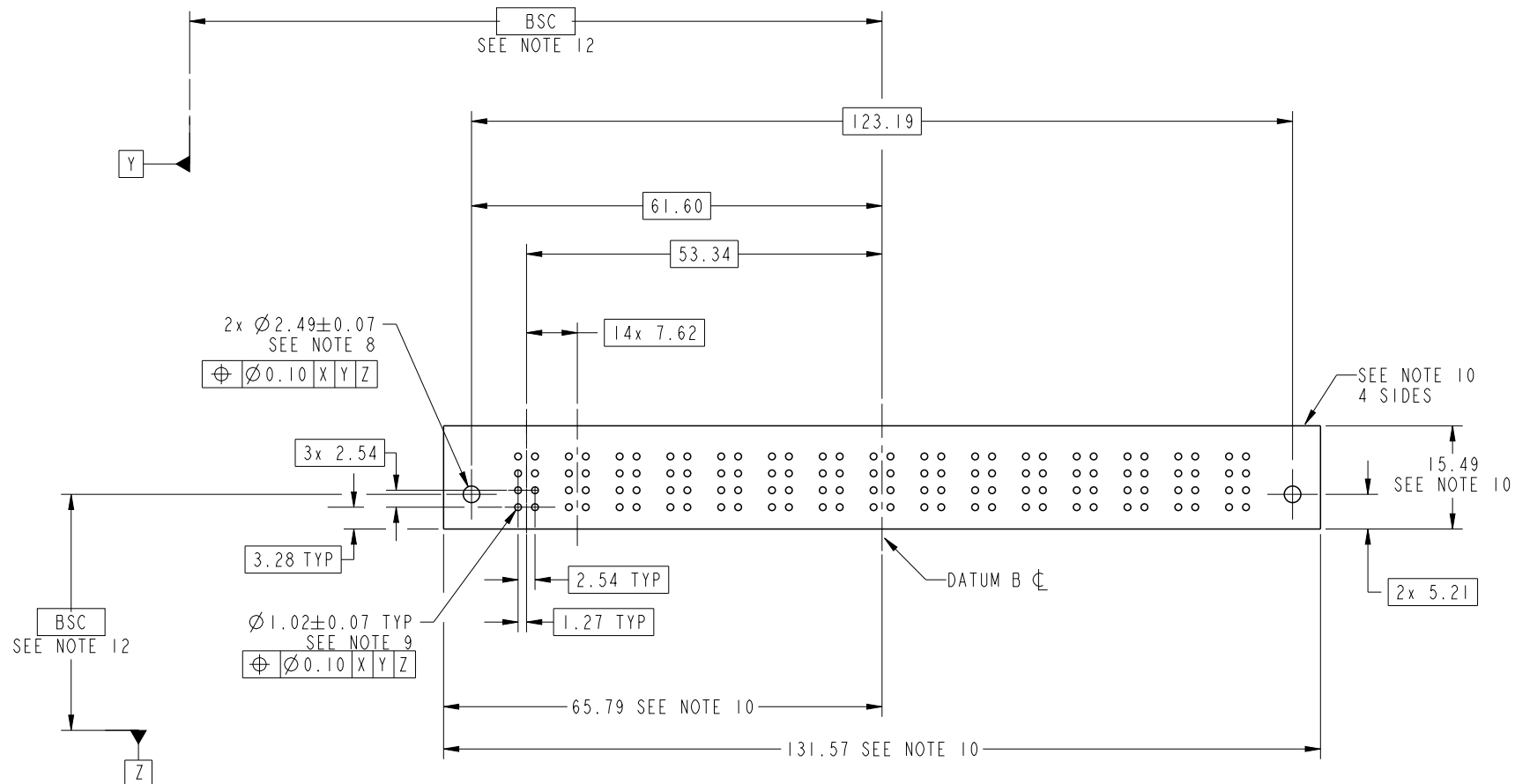
PRODUCT NUMBER

51940-618LF



|               |                                       |           |       |       |                 |                                       |                        |                                                                                                                        |                                                                                                                |              |                    |          |     |
|---------------|---------------------------------------|-----------|-------|-------|-----------------|---------------------------------------|------------------------|------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|--------------|--------------------|----------|-----|
| spec ref      |                                       | SEE NOTES |       |       | dr              | Ruan MT                               | 2016/07/13             | <div>projection</div> <div></div> | <div>MM</div> <div></div> | size         | A4                 | scale    | 1:1 |
| tolerance std | TOLERANCES UNLESS OTHERWISE SPECIFIED |           |       | eng   | Ruan MT         | 2016/07/29                            | ecn no                 |                                                                                                                        |                                                                                                                | -            |                    |          |     |
|               |                                       |           |       | chr   | Fancy Zhang     | 2016/07/28                            |                        |                                                                                                                        |                                                                                                                |              |                    |          |     |
|               |                                       |           |       | appr  | Pei-Ming Zheng  | 2016/07/29                            | product family         |                                                                                                                        |                                                                                                                | PwrBlade     | rel level Released |          |     |
| surface       | <div>✓</div>                          | linear    | 0.X   | ±0.5  | Amphenol<br>FCi | title I5ACP<br>VERTICAL SOLDER RECEPT |                        |                                                                                                                        | dwg no                                                                                                         | 51940-618    |                    | rev<br>A |     |
|               |                                       |           | 0.XX  | ±0.25 |                 |                                       |                        |                                                                                                                        |                                                                                                                |              |                    |          |     |
|               |                                       |           | 0.XXX | ±0.1  |                 |                                       |                        |                                                                                                                        |                                                                                                                |              |                    |          |     |
|               | angular                               | 0°        | ±2°   |       | cat. no.        |                                       | Product - Customer Drw |                                                                                                                        |                                                                                                                | sheet 2 of 4 |                    |          |     |

PRODUCT NUMBER  
51940-618LF



RECOMMENDED PCB LAYOUT

|               |              |                                       |       |       |                 |                        |            |                                   |                           |                |    |                        |     |          |
|---------------|--------------|---------------------------------------|-------|-------|-----------------|------------------------|------------|-----------------------------------|---------------------------|----------------|----|------------------------|-----|----------|
| spec ref      |              | SEE NOTES                             |       |       | dr              | Ruan MT                | 2016/07/13 | <div>projection</div> <div></div> | <div>MM</div> <div></div> | size           | A4 | scale                  | 1:1 |          |
| tolerance std | SEE NOTES    | TOLERANCES UNLESS OTHERWISE SPECIFIED |       |       | eng             | Ruan MT                | 2016/07/29 |                                   |                           | ecn no         |    |                        |     | -        |
|               |              |                                       |       |       | chr             | Fancy Zhang            | 2016/07/28 |                                   |                           | rel level      |    |                        |     | Released |
|               |              |                                       |       |       | appr            | Pei-Ming Zheng         | 2016/07/29 |                                   |                           | product family |    | PwrBlade               |     |          |
| surface       | <div>✓</div> | linear                                | 0.X   | ±0.5  | Amphenol<br>FCi | title                  |            |                                   | dwg no                    | 51940-618      |    |                        | rev | A        |
|               |              |                                       | 0.XX  | ±0.25 |                 |                        |            |                                   |                           |                |    |                        |     |          |
|               |              |                                       | 0.XXX | ±0.1  |                 | VERTICAL SOLDER RECEPT |            |                                   |                           |                |    |                        |     |          |
|               |              | angular                               | 0°    | ±2°   |                 |                        |            |                                   |                           | cat. no.       |    | Product - Customer Drw |     |          |

| PRODUCT NUMBER                                                                                                                                                                                                                                                                                                                                                                             |                                       |          |                |                         |            |                                 |                |              |          |       |       |     |               |                                       |     |         |            |  |        |   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|----------|----------------|-------------------------|------------|---------------------------------|----------------|--------------|----------|-------|-------|-----|---------------|---------------------------------------|-----|---------|------------|--|--------|---|
| 51940-618LF                                                                                                                                                                                                                                                                                                                                                                                |                                       |          |                |                         |            |                                 |                |              |          |       |       |     |               |                                       |     |         |            |  |        |   |
| 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<br>POWER CONTACT MATERIAL: COPPER ALLOY<br>SIGNAL PIN MATERIAL: COPPER ALLOY                                                                                                                                                                                                                                            |                                       |          |                |                         |            |                                 |                |              |          |       |       |     |               |                                       |     |         |            |  |        |   |
| 3. SEE FCI PLATING SPEC 10064183.                                                                                                                                                                                                                                                                                                                                                          |                                       |          |                |                         |            |                                 |                |              |          |       |       |     |               |                                       |     |         |            |  |        |   |
| ④ MANUFACTURER'S NAME, DATE CODE AND OPTIONAL P/N TO APPEAR ON THIS SURFACE. THE MARK CAN BE OMITTED IF THERE IS NOT ENOUGH SPACE ON THIS SURFACE.                                                                                                                                                                                                                                         |                                       |          |                |                         |            |                                 |                |              |          |       |       |     |               |                                       |     |         |            |  |        |   |
| 5. PRODUCT SPECIFICATION GS-12-149.<br>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<br>0.008 MIN SnPb OR Sn OVER 0.03<br>TO 0.08 Cu PLATING TO ACHIEVE<br>$\varnothing 1.02 \pm 0.07$ HOLE.                                                                                                                                                                                                                          |                                       |          |                |                         |            |                                 |                |              |          |       |       |     |               |                                       |     |         |            |  |        |   |
| ⑩ CONNECTOR KEEP-OUT ZONE.                                                                                                                                                                                                                                                                                                                                                                 |                                       |          |                |                         |            |                                 |                |              |          |       |       |     |               |                                       |     |         |            |  |        |   |
| 11. 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.                                                                                                                                                                            |                                       |          |                |                         |            |                                 |                |              |          |       |       |     |               |                                       |     |         |            |  |        |   |
| ⑫ DATUM AND BASIC DIMENIONS ARE ESTABLISHED BY CUSTOMER.                                                                                                                                                                                                                                                                                                                                   |                                       |          |                |                         |            |                                 |                |              |          |       |       |     |               |                                       |     |         |            |  |        |   |
| <table border="1"><thead><tr><th>spec ref</th><th>SEE NOTES</th><th>dr</th><td>Ruan MT</td><td>2016/07/13</td><th>projection</th><td rowspan="4"></td><th>size</th><td>A4</td><th>scale</th><td>1:1</td></tr><tr><th>tolerance std</th><th rowspan="3">TOLERANCES UNLESS OTHERWISE SPECIFIED</th><th>eng</th><td>Ruan MT</td><td>2016/07/29</td><th rowspan="3"></th></tr></thead></table> |                                       | spec ref | SEE NOTES      | dr                      | Ruan MT    | 2016/07/13                      | projection     |              | size     | A4    | scale | 1:1 | tolerance std | TOLERANCES UNLESS OTHERWISE SPECIFIED | eng | Ruan MT | 2016/07/29 |  | ecn no | - |
| spec ref                                                                                                                                                                                                                                                                                                                                                                                   | SEE NOTES                             | dr       | Ruan MT        | 2016/07/13              | projection |                                 | size           |              | A4       | scale | 1:1   |     |               |                                       |     |         |            |  |        |   |
| tolerance std                                                                                                                                                                                                                                                                                                                                                                              | TOLERANCES UNLESS OTHERWISE SPECIFIED | eng      | Ruan MT        | 2016/07/29              |            |                                 |                |              |          |       |       |     |               |                                       |     |         |            |  |        |   |
| SEE NOTES                                                                                                                                                                                                                                                                                                                                                                                  |                                       | chr      | Fancy Zhang    | 2016/07/28              |            |                                 | rel level      |              | Released |       |       |     |               |                                       |     |         |            |  |        |   |
| surface                                                                                                                                                                                                                                                                                                                                                                                    |                                       | appr     | Pei-Ming Zheng | 2016/07/29              |            |                                 | product family | PwrBlade     |          |       |       |     |               |                                       |     |         |            |  |        |   |
|                                                                                                                                                                                                                                                                                                                                                                                            | linear                                | 0.X      | $\pm 0.5$      | <b>Amphenol<br/>FCi</b> | title      | I5ACP<br>VERTICAL SOLDER RECEPT | dwg no         | 51940-618    | rev      | A     |       |     |               |                                       |     |         |            |  |        |   |
|                                                                                                                                                                                                                                                                                                                                                                                            |                                       | 0.XX     | $\pm 0.25$     |                         |            |                                 |                |              |          |       |       |     |               |                                       |     |         |            |  |        |   |
|                                                                                                                                                                                                                                                                                                                                                                                            |                                       | 0.XXX    | $\pm 0.1$      |                         |            |                                 |                |              |          |       |       |     |               |                                       |     |         |            |  |        |   |
|                                                                                                                                                                                                                                                                                                                                                                                            | angular                               | 0°       | $\pm 2^\circ$  |                         |            |                                 |                |              |          |       |       |     |               |                                       |     |         |            |  |        |   |
|                                                                                                                                                                                                                                                                                                                                                                                            |                                       | cat. no. |                | Product - Customer Drw  |            |                                 |                | sheet 4 of 4 |          |       |       |     |               |                                       |     |         |            |  |        |   |

## Данный компонент на территории Российской Федерации

**Вы можете приобрести в компании MosChip.**

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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.

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

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