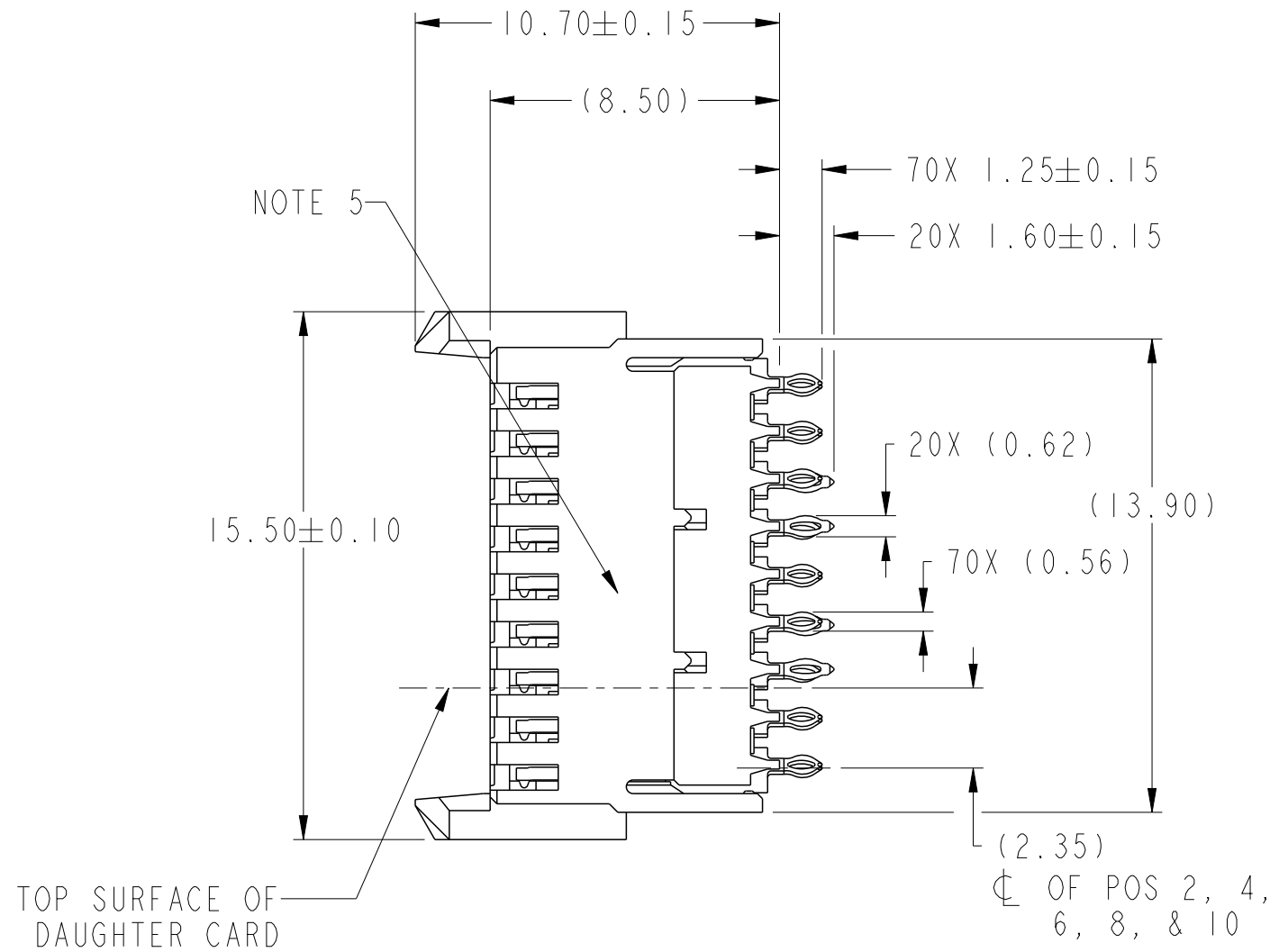
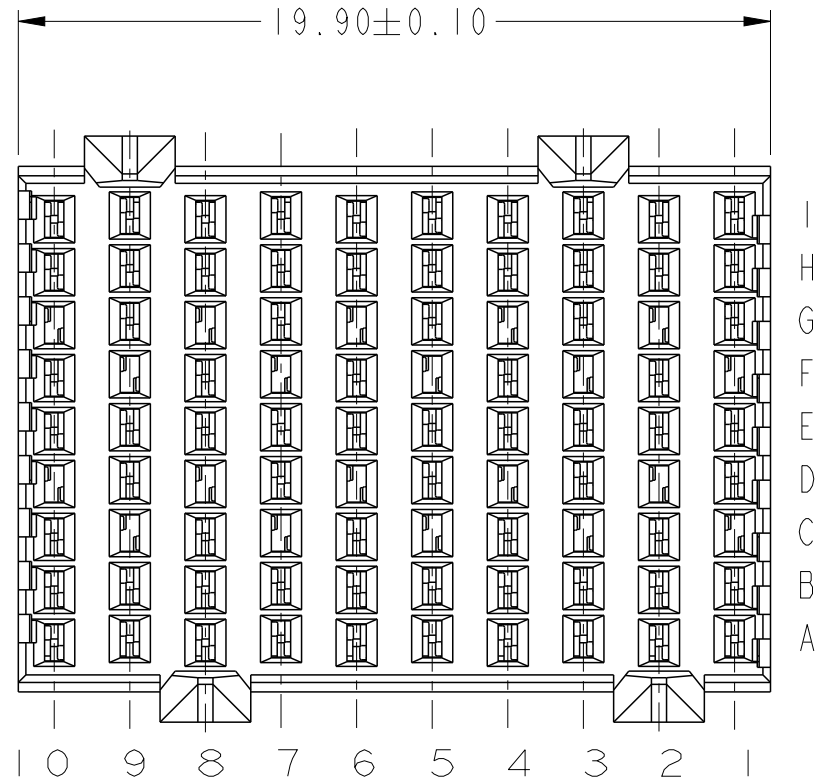


PRODUCT NUMBER  
SEE TABLE, SHEET 5



TOP SURFACE OF  
DAUGHTER CARD

|                |  |  |  |        |              |             |                                                                             |  |                |                    |       |     |                        |  |  |              |  |
|----------------|--|--|--|--------|--------------|-------------|-----------------------------------------------------------------------------|--|----------------|--------------------|-------|-----|------------------------|--|--|--------------|--|
| spec ref       |  |  |  | dr     | Sandar Soe   | 2014/08/12  |                                                                             |  | size           | A3                 | scale | 5:1 |                        |  |  |              |  |
| tolerance std  |  |  |  | eng    | Sandar Soe   | 2017/08/23  |                                                                             |  | ecn no         |                    |       |     | ELX-S-23595-1          |  |  |              |  |
| ASME Y14.5     |  |  |  | chr    | -            | -           |                                                                             |  | rel level      |                    |       |     | Released               |  |  |              |  |
| -              |  |  |  | appr   | Koon-Poh Tay | 2018/07/26  |                                                                             |  | product family |                    |       |     | AirMax VS              |  |  |              |  |
| <br>ASME Y14.5 |  |  |  | linear | 0.X          | ±-          | <br>title AIRMAX VS2 VERT RECEPT ASSY<br>SMALL PRESS-FIT, 90POS, 20MM, GXT+ |  |                | dwg no<br>10130666 |       |     | rev<br>B               |  |  |              |  |
|                |  |  |  |        | 0.XX         | ±-          |                                                                             |  |                |                    |       |     |                        |  |  |              |  |
|                |  |  |  |        | 0.XXX        | ±-          |                                                                             |  |                |                    |       |     |                        |  |  |              |  |
| angular        |  |  |  | 0°     | ±-°          | www.fci.com |                                                                             |  | cat. no.       |                    |       | -   | Product - Customer Drw |  |  | sheet 1 of 3 |  |

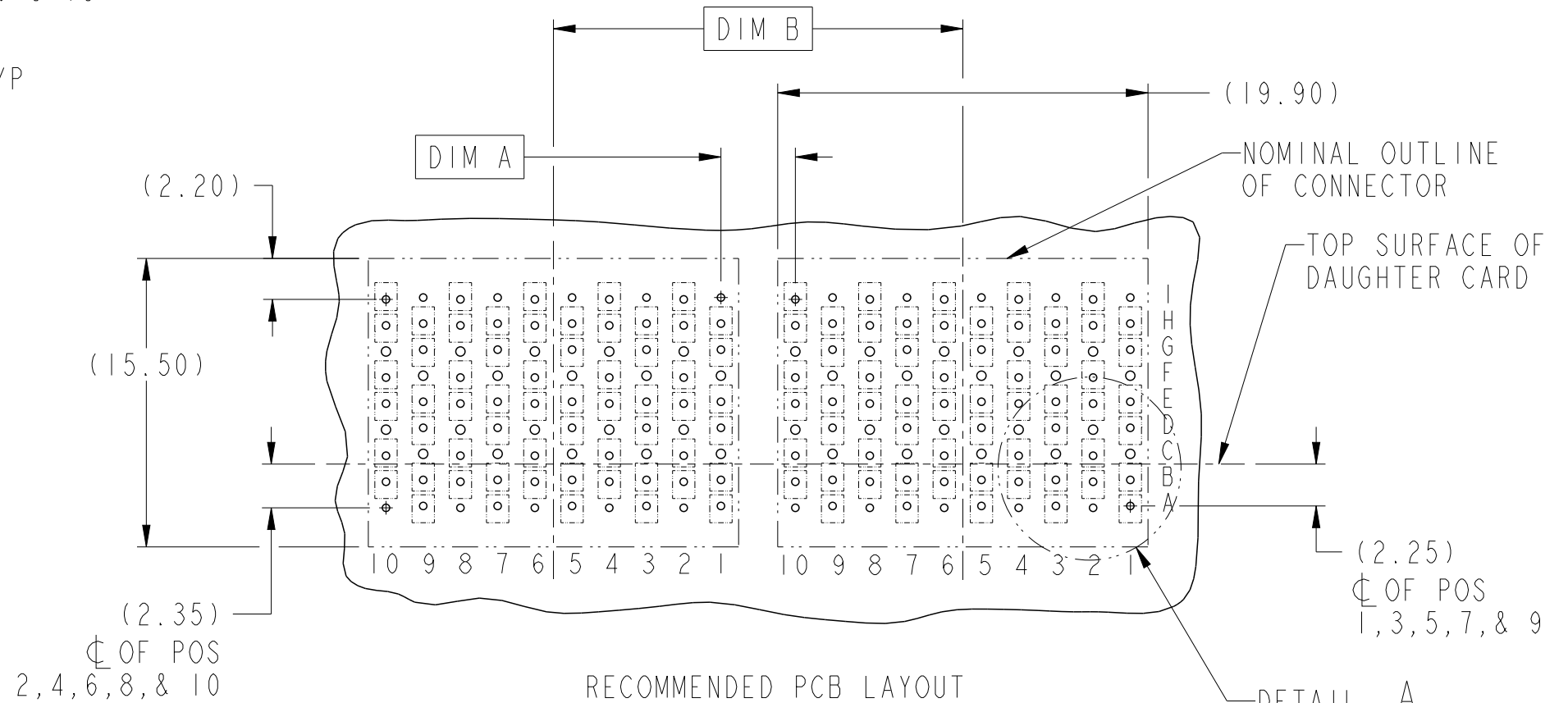
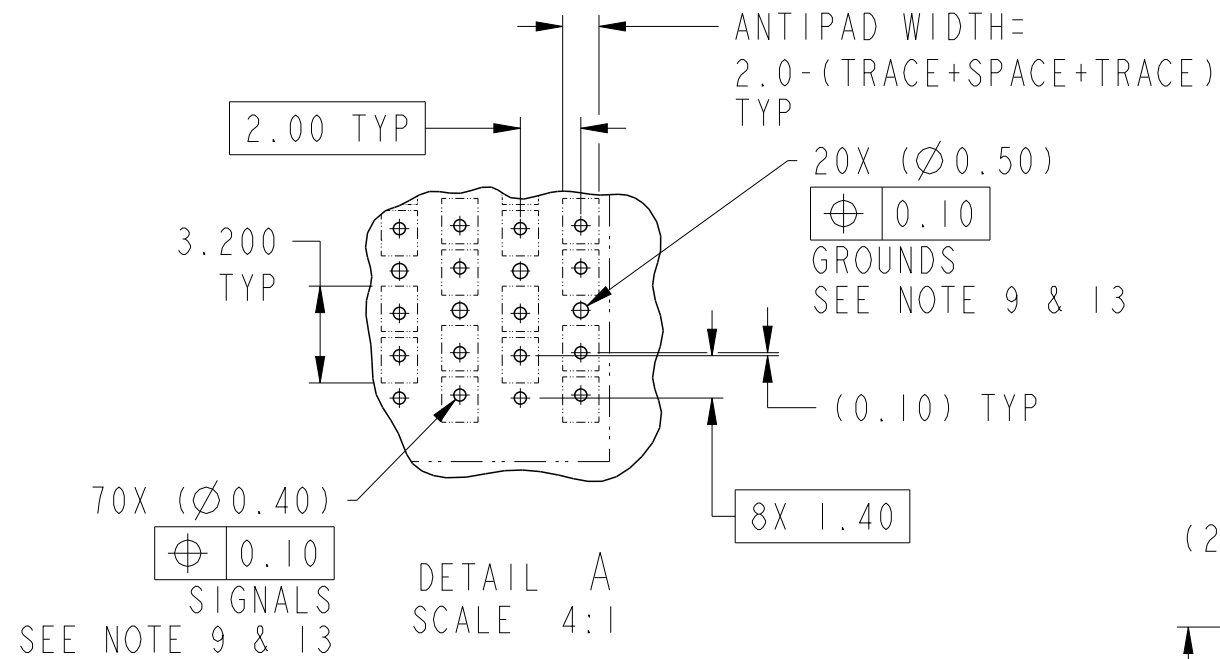
A

B

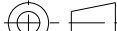
C

D

| ADJACENT HEADER WIDTHS | DIM A | DIM B |
|------------------------|-------|-------|
| 20MM/20MM              | 2.00  | 20.00 |
| 22MM/22MM              | 4.00  | 22.00 |
| 20MM/22MM              | 3.00  | 21.00 |



RECOMMENDED PCB LAYOUT  
FOR DIFFERENTIAL APPLICATIONS  
COMPONENT SIDE  
(TWO ADJACENT FOOTPRINTS SHOWN)  
NOTES 6 & 7

|                                                                                                  |                                       |       |      |                 |              |                                                                   |                        |                                                                                       |    |                                                                                       |           |               |       |     |   |
|--------------------------------------------------------------------------------------------------|---------------------------------------|-------|------|-----------------|--------------|-------------------------------------------------------------------|------------------------|---------------------------------------------------------------------------------------|----|---------------------------------------------------------------------------------------|-----------|---------------|-------|-----|---|
| spec ref                                                                                         |                                       |       |      | dr              | Sandar Soe   | 2014/08/12                                                        | projection             |  | mm |  | size      | A3            | scale | 3:1 |   |
| tolerance std<br>ASME Y14.5                                                                      | TOLERANCES UNLESS OTHERWISE SPECIFIED |       |      | eng             | Sandar Soe   | 2017/08/23                                                        |                        |                                                                                       |    |                                                                                       | ecn no    | ELX-S-23595-1 |       |     |   |
|                                                                                                  |                                       |       |      | chr             | -            | -                                                                 |                        |                                                                                       |    |                                                                                       | rel level | Released      |       |     |   |
| -                                                                                                |                                       |       |      | appr            | Koon-Poh Tay | 2018/07/26                                                        | product family         |                                                                                       |    | AirMax VS                                                                             |           |               |       |     |   |
| surface<br> | linear                                | 0.X   | ± -  | Amphenol<br>FCi | title        | AIRMAX VS2 VERT RECEPT ASSY<br>SMALL PRESS-FIT, 90POS, 20MM, GXT+ |                        |                                                                                       |    |                                                                                       | dwg no    | 10130666      |       | rev | B |
|                                                                                                  |                                       | 0.XX  | ± -  |                 |              |                                                                   |                        |                                                                                       |    |                                                                                       |           |               |       |     |   |
|                                                                                                  |                                       | 0.XXX | ± -  |                 |              |                                                                   |                        |                                                                                       |    |                                                                                       |           |               |       |     |   |
| ASME Y14.5                                                                                       | angular                               | 0°    | ± -° | www.fci.com     | cat. no.     | -                                                                 | Product - Customer Drw |                                                                                       |    |                                                                                       |           | sheet 2 of 3  |       |     |   |

A

B

C

D

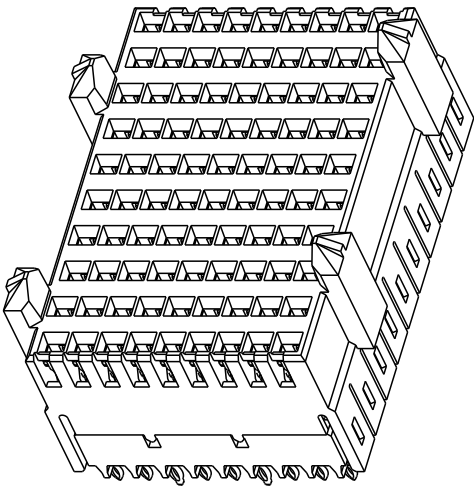
| PART NUMBER                                       | PRESS-FIT TAIL PLATING TYPE |
|---------------------------------------------------|-----------------------------|
| 10130666-102                                      | TIN/LEAD ALLOY OVER NICKEL  |
| 10130666-102LF <div><div></div><div>B</div></div> | TIN OVER NICKEL (LEAD FREE) |

NOTES:

1. CONNECTOR MATERIALS:  
HOUSING & RETAINER: HIGH TEMP THERMOPLASTIC, NATURAL, UL94V-0  
IMLA PLASTIC: HIGH TEMP THERMOPLASTIC, BLACK, UL94V-0  
CONTACT: COPPER ALLOY
2. CONTACT PLATING:  
SEPARABLE INTERFACE: PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-239, INCLUDING TELCORDIA GR-1217-CORE (November 1995) CENTRAL OFFICE TEST SEQUENCE.  
  
PRESS-FIT TAILS: SEE TABLE
3. PRODUCT SPECIFICATION: GS-12-239
4. APPLICATION SPECIFICATION: GS-20-035
5. PRODUCT MARKING, (PART NUMBER & LOT CODE), ON THIS SURFACE
6. REFER TO CUSTOMER DRAWING 10035911 FOR INFORMATION REGARDING PCB LAYOUT OF POWER AND GUIDE MODULES RELATIVE TO SIGNAL MODULES
7. POSITIONS F OF ODD NUMBERED COLUMNS AND POSITIONS G OF EVEN NUMBERED COLUMNS CORRESPOND TO EARLY MATE HEADER PINS
8. THERE IS NO GROUND BUSSING WITHIN THE CONNECTOR SYSTEM
9. REFER TO CUSTOMER DRAWING 10104444 FOR INFORMATION ON PCB HOLE DIAMETERS AND PLATING OPTIONS.
10. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
11. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 40 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
12. PACKAGING MEETS GS-14-920 LEAD FREE LABELING SPECIFICATION.
13. GROUND VIAS IN POSITON C & F FOR ODD COLUMNS AND POSITIONS D & G FOR EVEN COLUMNS REQUIRE (Ø0.50) FINISHED HOLES. ALL OTHER VIAS REQUIRE (Ø0.40) FINISHED HOLES.
14. A 

B

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

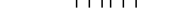


A

B

C

D

|                                                                                                  |                                       |       |     |                 |              |                                                                   |                                                                                                     |                                                                                             |                |               |              |           |
|--------------------------------------------------------------------------------------------------|---------------------------------------|-------|-----|-----------------|--------------|-------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|----------------|---------------|--------------|-----------|
| spec ref                                                                                         |                                       |       |     | dr              | Sandar Soe   | 2014/08/12                                                        | projection<br> | mm<br> | size           | A3            | scale        | 3:1       |
| tolerance std                                                                                    | TOLERANCES UNLESS OTHERWISE SPECIFIED |       |     | eng             | Sandar Soe   | 2017/08/23                                                        |                                                                                                     |                                                                                             | ecn no         | ELX-S-23595-1 |              |           |
| ASME Y14.5                                                                                       |                                       |       |     | chr             | -            | -                                                                 |                                                                                                     |                                                                                             | product family |               |              | AirMax VS |
| -                                                                                                |                                       |       |     | appr            | Koon-Poh Tay | 2018/07/26                                                        |                                                                                                     |                                                                                             |                | rel level     | Released     |           |
| surface<br> | linear                                | 0.X   | ±-  | Amphenol<br>FCi | title        | AIRMAX VS2 VERT RECEPT ASSY<br>SMALL PRESS-FIT, 90POS, 20MM, GXT+ |                                                                                                     |                                                                                             | dwg no         | 10130666      |              | rev<br>B  |
|                                                                                                  |                                       | 0.XX  | ±-  |                 |              |                                                                   |                                                                                                     |                                                                                             |                |               |              |           |
|                                                                                                  |                                       | 0.XXX | ±-  |                 |              |                                                                   |                                                                                                     |                                                                                             |                |               |              |           |
| ASME Y14.5                                                                                       | angular                               | 0°    | ±-° | www.fci.com     | cat. no.     | -                                                                 | Product - Customer Drw                                                                              |                                                                                             |                |               | sheet 3 of 3 |           |

## 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

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