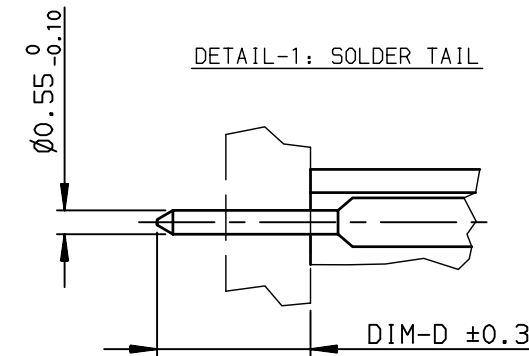
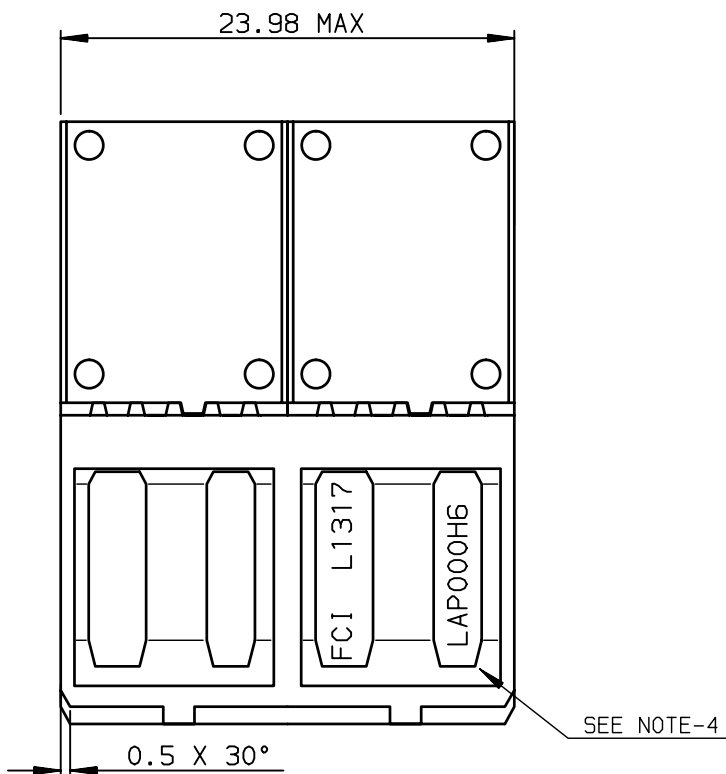
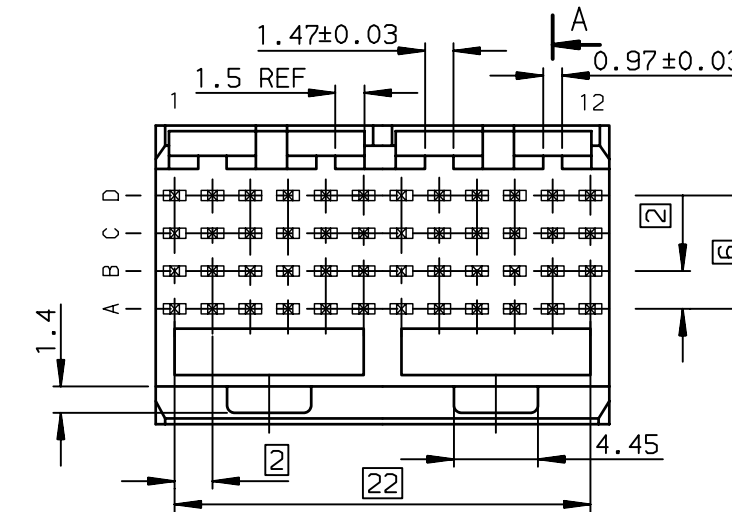
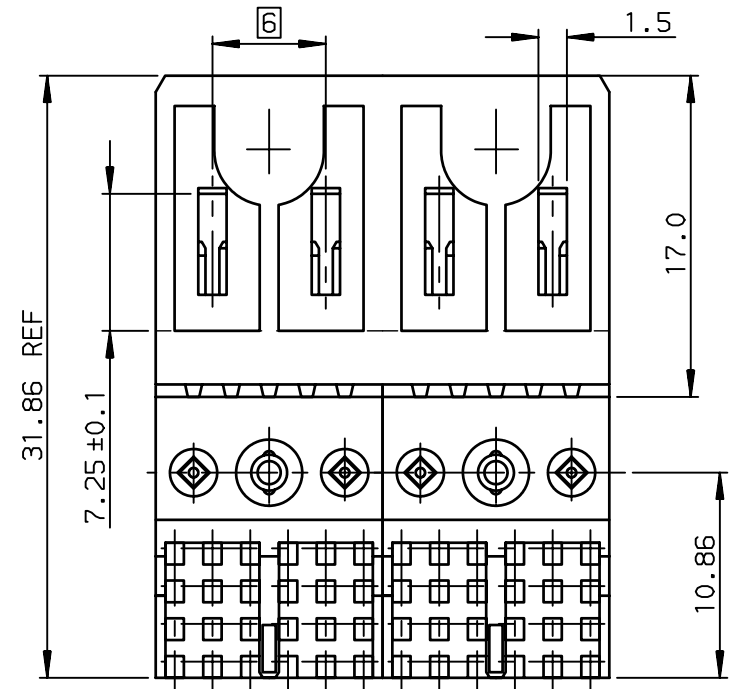
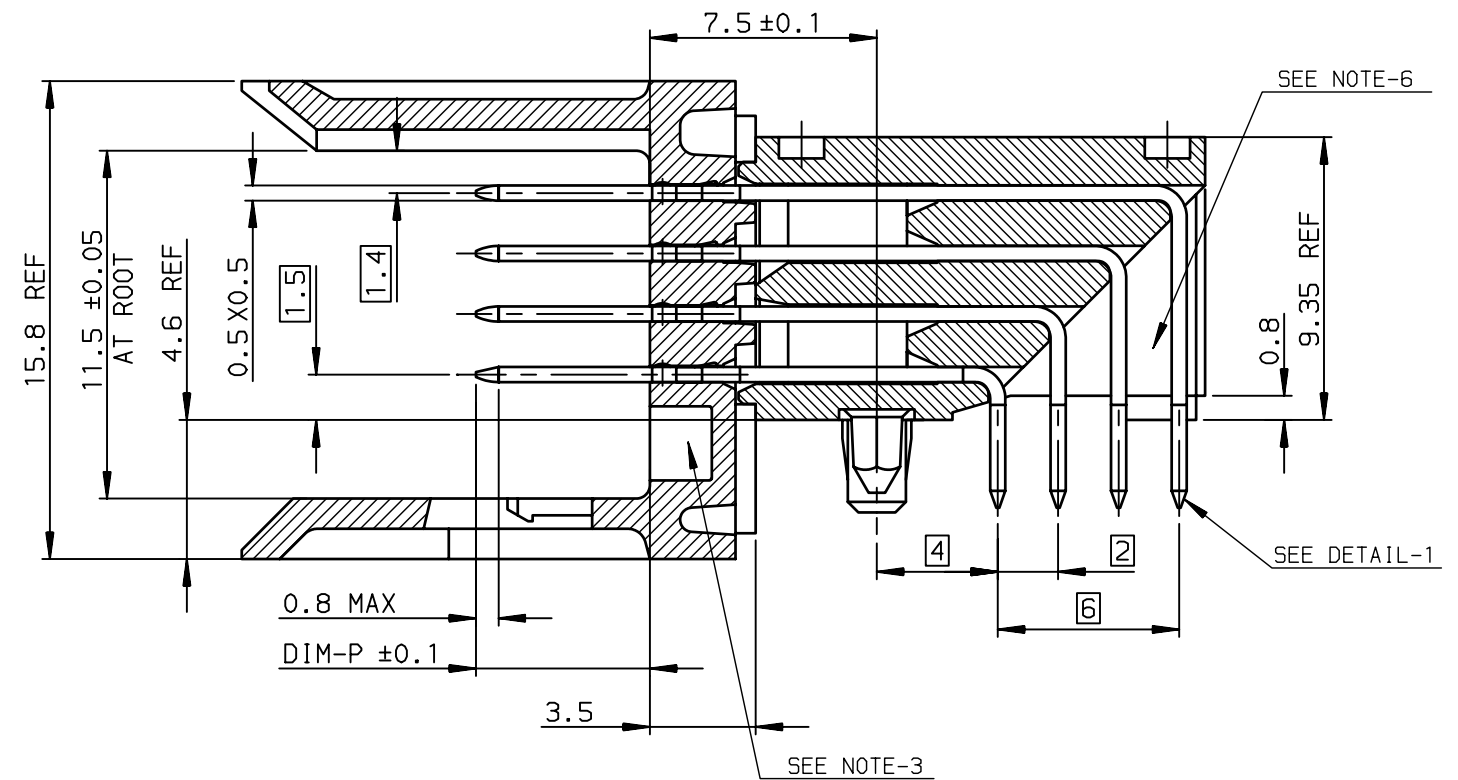




- NOTE-1: NORMINATIVE REF = IEC-61076-4-104  
NOTE-2: ONE CENTER PEG FOR HOLD DOWN FORCE  
NOTE-3: CODING RECESS FOR 8MM EXTENDED KEYS  
NOTE-4: PRODUCT MARKING = PRODUCT NUMBER + BATCH CODE + FCI  
FOR 2 MODULE SIZE, END OF PART NUMBER ONLY  
NOTE-6: CENTRAL WALL WITH END REAR SUPPORT  
NOTE-7: PACKAGING IN TRAY + COVER  
IF SUFFIX "P" IS ADDED IN P/N PACKAGING IS IN TRAYS  
BUT CONNECTOR MARKING IS WITHOUT "P"  
EXAMPLE: HM1XXXXXXXXXH6P, MARKED HM1XXXXXXXXXH6

SECTION-A SCALE: 4/1



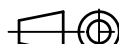
GENERAL CHARACTERISTICS AND ROHS INFORMATIONS:

SEE PRODUCT SPECIFICATION GS-12-446

OTHERS INFORMATIONS, SEE DRW C-8626-0155-2

European Views

| rev | ecn no    | dr  | date       |
|-----|-----------|-----|------------|
| F   | -         | CHA | 2003/07/03 |
| G   | LS05-0056 | MLE | 2005/06/06 |
| H   | LS06-0097 | LGO | 2006/07/13 |
| J   | LS07-0184 | MLE | 2007/07/24 |
| -   | -         | -   | -          |
| -   | -         | -   | -          |
| -   | -         | -   | -          |

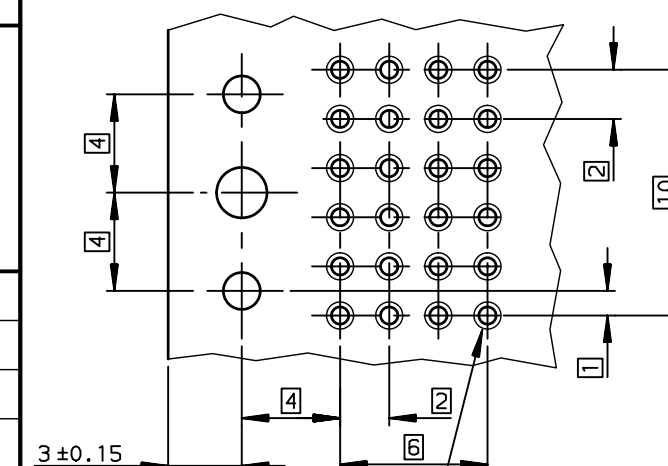
|                                                                                       |          |            |                                                                 |        |                                   |       |                                                                                                     |              |                                                                                             |  |
|---------------------------------------------------------------------------------------|----------|------------|-----------------------------------------------------------------|--------|-----------------------------------|-------|-----------------------------------------------------------------------------------------------------|--------------|---------------------------------------------------------------------------------------------|--|
| www.fciconnect.com                                                                    |          |            | surface<br>ISO 1302                                             |        | tolerance std<br>ISO 406 ISO 1101 |       | projection<br> |              | mm<br> |  |
|                                                                                       |          |            | TOLERANCES UNLESS OTHERWISE SPECIFIED                           |        |                                   |       |                                                                                                     |              |                                                                                             |  |
| Dr                                                                                    | CHAMPION | 1994/09/09 | ANGULAR                                                         | LINEAR | 0.X                               | ±0.1  | size<br><br>A3                                                                                      | Scale<br>2.5 |                                                                                             |  |
| Eng                                                                                   | LENOIR   | 1994/09/09 |                                                                 |        | 0.XX                              | ±0.1  |                                                                                                     |              |                                                                                             |  |
| Chr                                                                                   | LEGARE   | 1994/09/09 |                                                                 |        | 0.XX' ±2°                         | 0.XXX |                                                                                                     | ±0.1         | ECN LS07-0184                                                                               |  |
| Appr                                                                                  | LEGARE   | 1994/09/09 | Product family                                                  |        |                                   |       | METRAL                                                                                              | Spec ref -   |                                                                                             |  |
|  |          |            | title<br>METRAL RA HDR WB CONVERGE<br>4X12 CTS - STB - PUSH PEG |        |                                   |       | dwg no<br>C-8626-0155-1                                                                             | Rev.<br>J    |                                                                                             |  |
|                                                                                       |          |            |                                                                 |        |                                   |       |                                                                                                     |              |                                                                                             |  |
|                                                                                       |          |            | catalog no                                                      |        | -                                 |       | CUSTOMER                                                                                            |              | sheet 1 of 2                                                                                |  |

## TIN LEAD PART NUMBER

| PART NUMBER / CONTACT LOADING |       |       |       |               |                           |       |
|-------------------------------|-------|-------|-------|---------------|---------------------------|-------|
| DIM-P ±0.10                   |       |       |       | DIM-D<br>±0.3 | P/N AND PERFORMANCE LEVEL | SP N° |
| ROW-A                         | ROW-B | ROW-C | ROW-D |               |                           |       |
| 5.00                          | 5.00  | 5.00  | 5.00  | TABLE-2       | HM1L42AxP000H6P           |       |
| 5.75                          | 5.75  | 5.75  | 5.75  | TABLE-2       | HM1L42LxP000H6P           |       |
| 6.50                          | 6.50  | 6.50  | 6.50  | TABLE-2       | HM1L42DxP000H6P           |       |
| 6.50                          | 5.00  | 5.00  | 5.00  | TABLE-2       | HM1L42BxP000H6P           |       |
| 6.50                          | 5.75  | 5.75  | 6.50  | TABLE-2       | HM1L42CxP000H6P           |       |
| 5.00                          | 5.00  | 6.50  | 5.00  | TABLE-2       | HM1L42ZxP110H6P           | 110   |
| 5.00                          | 5.75  | 6.50  | 5.00  | TABLE-2       | HM1L42ZxP430H6P           | 430   |
| 5.00                          | 5.75  | 5.00  | 5.00  | TABLE-2       | HM1L42ZxP448H6P           | 448   |
|                               |       |       |       |               |                           |       |
|                               |       |       |       |               |                           |       |
| 5.75                          | 5.00  | 5.00  | 5.00  | TABLE-2       | HM1L42ZxP009H6P           | 009   |
| 5.75                          | 6.50  | 5.75  | 5.00  | TABLE-2       | HM1L42ZxP424H6P           | 424   |
|                               |       |       |       |               |                           |       |
|                               |       |       |       |               |                           |       |
| 6.50                          | 5.75  | 6.50  | 5.75  | TABLE-2       | HM1L42ZxP037H6P           | 037   |
| 6.50                          | 5.75  | 5.00  | 5.75  | TABLE-2       | HM1L42ZxP102H6P           | 102   |
| 6.50                          | 6.50  | 6.50  | 5.75  | TABLE-2       | HM1L42ZxP135H6P           | 135   |
| 6.50                          | 5.75  | 5.75  | 5.75  | TABLE-2       | HM1L42ZxP369H6P           | 369   |
|                               |       |       |       |               |                           |       |
|                               |       |       |       |               |                           |       |
| 8.00                          | 6.50  | 5.75  | 6.50  | 3.70          | HM1L42ZBP326H6P           | 326   |
|                               |       |       |       |               |                           |       |
|                               |       |       |       |               |                           |       |
|                               |       |       |       |               |                           |       |

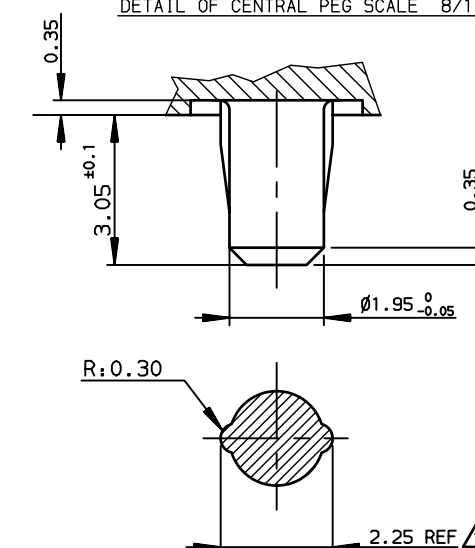
## LEAD-FREE PART NUMBER

| PART NUMBER / CONTACT LOADING |       |       |       |               |                           |       |
|-------------------------------|-------|-------|-------|---------------|---------------------------|-------|
| DIM-P ±0.10                   |       |       |       | DIM-D<br>±0.3 | P/N AND PERFORMANCE LEVEL | SP N° |
| ROW-A                         | ROW-B | ROW-C | ROW-D |               |                           |       |
| 5.00                          | 5.00  | 5.00  | 5.00  | TABLE-2       | HM1L42AxP000H6PLF         |       |
| 5.75                          | 5.75  | 5.75  | 5.75  | TABLE-2       | HM1L42LxP000H6PLF         |       |
| 6.50                          | 6.50  | 6.50  | 6.50  | TABLE-2       | HM1L42DxP000H6PLF         |       |
| 6.50                          | 5.00  | 5.00  | 5.00  | TABLE-2       | HM1L42BxP000H6PLF         |       |
| 6.50                          | 5.75  | 5.75  | 6.50  | TABLE-2       | HM1L42CxP000H6PLF         |       |
| 5.00                          | 5.00  | 6.50  | 5.00  | TABLE-2       | HM1L42ZxP110H6PLF         | 110   |
| 5.00                          | 5.75  | 6.50  | 5.00  | TABLE-2       | HM1L42ZxP430H6PLF         | 430   |
| 5.00                          | 5.75  | 5.00  | 5.00  | TABLE-2       | HM1L42ZxP448H6PLF         | 448   |
|                               |       |       |       |               |                           |       |
|                               |       |       |       |               |                           |       |
| 5.75                          | 5.00  | 5.00  | 5.00  | TABLE-2       | HM1L42ZxP009H6PLF         | 009   |
| 5.75                          | 6.50  | 5.75  | 5.00  | TABLE-2       | HM1L42ZxP424H6PLF         | 424   |
|                               |       |       |       |               |                           |       |
|                               |       |       |       |               |                           |       |
| 6.50                          | 5.75  | 6.50  | 5.75  | TABLE-2       | HM1L42ZxP037H6PLF         | 037   |
| 6.50                          | 5.75  | 5.00  | 5.75  | TABLE-2       | HM1L42ZxP102H6PLF         | 102   |
| 6.50                          | 6.50  | 6.50  | 5.75  | TABLE-2       | HM1L42ZxP135H6PLF         | 135   |
| 6.50                          | 5.75  | 5.75  | 5.75  | TABLE-2       | HM1L42ZxP369H6PLF         | 369   |
|                               |       |       |       |               |                           |       |
|                               |       |       |       |               |                           |       |
| 8.00                          | 6.50  | 5.75  | 6.50  | 3.70          | HM1L42ZBP326H6PLF         | 326   |
|                               |       |       |       |               |                           |       |
|                               |       |       |       |               |                           |       |
|                               |       |       |       |               |                           |       |

RECOMMENDED PCB LAYOUT  
PER 12MM LENGTH

Hole according to product spec  
GS-12-445 (for press-fit) ,  
GS-12-446 (for STB)

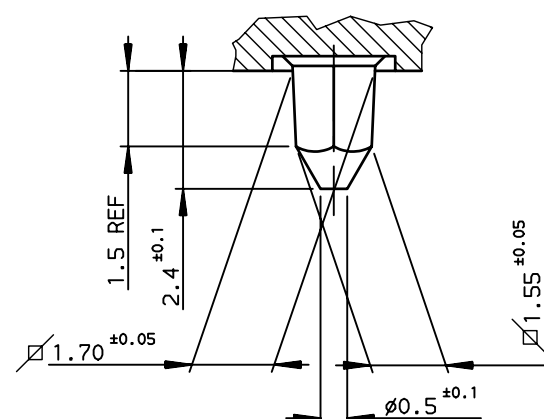
## DETAIL OF CENTRAL PEG SCALE 8/1



DIM-D=2.9 / replace 'x' by 'A' in the P/N

DIM-D=3.7 / replace 'x' by 'B' in the P/N

## DETAIL OF LOCATING PEGS (2x) SCALE 8/1



STANDARD MATING LENGTHS = 5.75 (AND 5.00-6.50)

STANDARD TERMINATION LENGTH = 2.90

TABLE-2

## European Views

|                                                                                       |          |            |                                       |  |                                   |  |                                                                                                     |  |                                                                                             |  |          |  |           |  |        |  |               |  |  |  |          |  |      |  |   |  |              |  |  |  |  |  |
|---------------------------------------------------------------------------------------|----------|------------|---------------------------------------|--|-----------------------------------|--|-----------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------|--|----------|--|-----------|--|--------|--|---------------|--|--|--|----------|--|------|--|---|--|--------------|--|--|--|--|--|
| www.fciconnect.com                                                                    |          |            | surface<br>ISO 1302                   |  | tolerance std<br>ISO 406 ISO 1101 |  | projection<br> |  | mm<br> |  |          |  |           |  |        |  |               |  |  |  |          |  |      |  |   |  |              |  |  |  |  |  |
|                                                                                       |          |            | TOLERANCES UNLESS OTHERWISE SPECIFIED |  |                                   |  |                                                                                                     |  |                                                                                             |  |          |  |           |  |        |  |               |  |  |  |          |  |      |  |   |  |              |  |  |  |  |  |
| Dr                                                                                    | CHAMPION | 1994/09/09 | ANGULAR                               |  | LINEAR                            |  | size                                                                                                |  | Scale                                                                                       |  |          |  |           |  |        |  |               |  |  |  |          |  |      |  |   |  |              |  |  |  |  |  |
| Eng                                                                                   | LENOIR   | 1994/09/09 |                                       |  |                                   |  | 0.X                                                                                                 |  | ±0.1                                                                                        |  | A3       |  | 4         |  |        |  |               |  |  |  |          |  |      |  |   |  |              |  |  |  |  |  |
| Chr                                                                                   | LEGARE   | 1994/09/09 |                                       |  |                                   |  | 0.XX                                                                                                |  | ±0.1                                                                                        |  |          |  |           |  |        |  |               |  |  |  |          |  |      |  |   |  |              |  |  |  |  |  |
|                                                                                       |          |            | 0.XX' ±2°                             |  |                                   |  | 0.XXX                                                                                               |  | ±0.1                                                                                        |  | ECN      |  | LS07-0184 |  |        |  |               |  |  |  |          |  |      |  |   |  |              |  |  |  |  |  |
| Appr                                                                                  | LEGARE   | 1994/09/09 | Product family                        |  |                                   |  |                                                                                                     |  | METRAL                                                                                      |  | Spec ref |  | -         |  |        |  |               |  |  |  |          |  |      |  |   |  |              |  |  |  |  |  |
|  |          |            | title                                 |  |                                   |  |                                                                                                     |  | METRAL RA HDR WB CONVERGE                                                                   |  |          |  |           |  | dwg no |  | C-8626-0155-2 |  |  |  |          |  | Rev. |  | J |  |              |  |  |  |  |  |
|                                                                                       |          |            | 4X12 CTS - STB - PUSH PEG             |  |                                   |  |                                                                                                     |  | catalog no                                                                                  |  |          |  |           |  | -      |  |               |  |  |  | CUSTOMER |  |      |  |   |  | sheet 2 of 2 |  |  |  |  |  |

PDM: Rev:J

STATUS: Released

Printed: May 19, 2011

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- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
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- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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