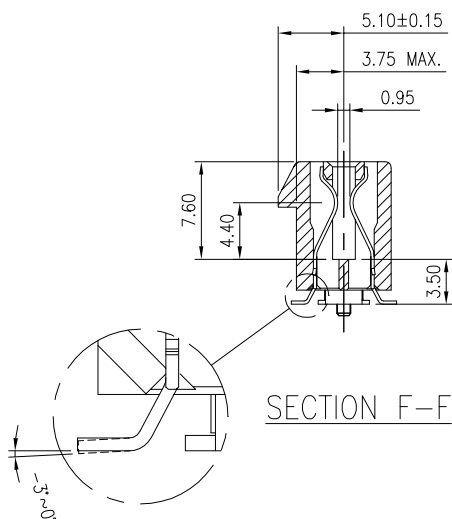
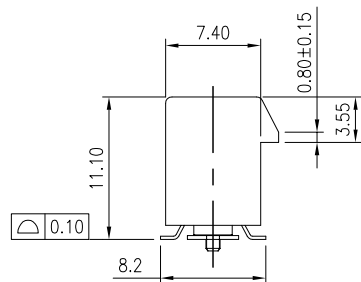
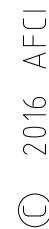


HOLD DOWN TYPE

form: A4

[illegible]

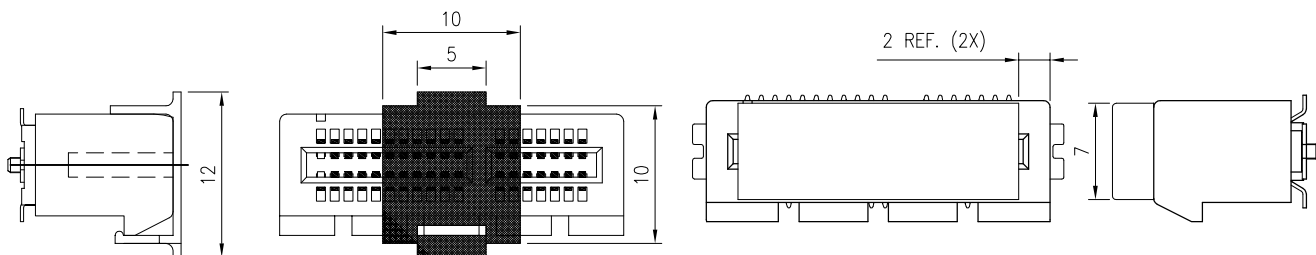


RECOMMENDED PCB LAYOUT, PAD TYPE

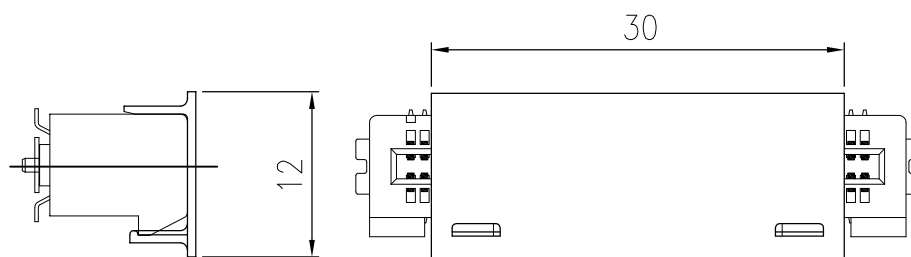
| DIMENSIONS |       |                                                          |              |              |              |              |       |              |
|------------|-------|----------------------------------------------------------|--------------|--------------|--------------|--------------|-------|--------------|
| POSITION   | A     | B $\begin{smallmatrix} +0.15 \\ -0.05 \end{smallmatrix}$ | C $\pm 0.20$ | D $\pm 0.23$ | E $\pm 0.20$ | H $\pm 0.10$ | J     | K $\pm 0.10$ |
| 36         | 6.00  | 7.65                                                     | 9.15         | 25.00        | 27.00        | 28.00        | 6.00  | 9.15         |
| 64         | 20.00 | 21.65                                                    | 23.15        | 39.00        | 41.00        | 42.00        | 20.00 | 23.15        |
| 98         | 37.00 | 38.65                                                    | 40.15        | 56.00        | 58.00        | 59.00        | 37.00 | 40.15        |
| 164        | 70.00 | 71.65                                                    | 73.15        | 89.00        | 91.00        | 92.00        | 70.00 | 73.15        |

POSTION OF CAP

POSTION OF DUMMY CARD



POSTION OF CUSTOMIZED CAP(30X12)



|                  |        |                |      |                                       |        |                                                                                     |          |                                                                                                   |                                                                                     |                                                      |          |  |  |  |              |  |  |  |      |  |  |
|------------------|--------|----------------|------|---------------------------------------|--------|-------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------|----------|--|--|--|--------------|--|--|--|------|--|--|
| mat'l. code<br>— |        |                |      | surface 58 ✓<br>ISO 1302              |        | tolerance<br>ISO 406 ISO 101                                                        |          | projection<br> |                                                                                     | product family<br>PCI_EXPRESS                        |          |  |  |  |              |  |  |  |      |  |  |
| ltr              | ecn no | dr             | date | tolerances unless otherwise specified |        |  |          | scale 2                                                                                           |                                                                                     | title<br>PCI_EXPRESS_CARD_EDGE_GEN3<br>ASSEMBLY(SMT) |          |  |  |  |              |  |  |  |      |  |  |
|                  |        |                |      | angles                                | linear |                                                                                     |          |                                                                                                   |                                                                                     | .X±.2                                                |          |  |  |  |              |  |  |  |      |  |  |
|                  |        |                |      |                                       |        |                                                                                     |          |                                                                                                   |                                                                                     | .XX±.13                                              |          |  |  |  |              |  |  |  |      |  |  |
|                  |        |                |      |                                       |        |                                                                                     |          |                                                                                                   |                                                                                     |                                                      |          |  |  |  |              |  |  |  |      |  |  |
|                  |        |                |      |                                       |        | 0°±2°                                                                               |          |                                                                                                   |                                                                                     |                                                      |          |  |  |  |              |  |  |  |      |  |  |
|                  |        |                |      |                                       |        |                                                                                     |          |                                                                                                   |                                                                                     |                                                      |          |  |  |  |              |  |  |  |      |  |  |
|                  |        |                |      |                                       |        | dr                                                                                  | STONE_LI | 2015/05/27                                                                                        |  |                                                      | dwg no   |  |  |  | sheet 3 of 6 |  |  |  | size |  |  |
|                  |        |                |      |                                       |        | engr                                                                                | STONE_LI | 2015/05/27                                                                                        |                                                                                     |                                                      | 10061913 |  |  |  | A4           |  |  |  |      |  |  |
|                  |        |                |      |                                       |        | chr                                                                                 | /        | /                                                                                                 |                                                                                     |                                                      |          |  |  |  |              |  |  |  |      |  |  |
|                  |        |                |      |                                       |        | appd                                                                                | PM_ZHENG | 2015/05/27                                                                                        |                                                                                     |                                                      |          |  |  |  |              |  |  |  |      |  |  |
| sheet index      |        | revision sheet |      | P                                     |        |                                                                                     |          |                                                                                                   |                                                                                     |                                                      |          |  |  |  |              |  |  |  |      |  |  |

## NOTES:

## 1.MATERIAL:

HOUSING: NYLON, GLASS FILLED UL94V-0 RATE, SUITABLE FOR I.R SOLDERING.

TERMINAL: COPPER ALLOY

PLATING: 50u" NICKEL UNDERPLATE ALL OVER  
CONTACT AREA PLATING - SEE PRODUCT NUMBER CODE  
SOLDER TAIL: TIN 100u" OVER 50u" NICKEL

METAL PADS: COPPER ALLOY  
FINISH: 100u" TIN OVER 50u" NICKEL

## 2.PRODUCT SPECIFICATION: GS-12-390

## ③THE HORIZONTAL AXIS FOR THE PAD PATTERN IS ESTABLISHED BY

A LINE THROUGH THE CENTER OF THE TWO Ø1.0 HOLES.

THE VERTICAL AXIS IS 90° TO THE HORIZONTAL AXIS, THROUGH THE CENTER OF DATUM  $\square Z$

## ④NO TIE BAR PERMITTED FROM CARD EDGE TO LEADING EDGE OF PAD FOR PINS A1.

## ⑤CHAMFER EDGES MUST BE FREE OF CUTTING BURRS.

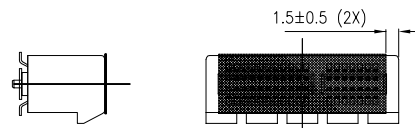
## 6.RoHS COMPATIBLE PRODUCT SPECIFICATIONS

## a - PLATING:

- "LF" MEANS THE PRODUCT IS LEAD-FREE

## b - MANUFACTURING PROCESS COMPATIBILITY

- THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C±5°C PEAK TEMPERATURE FOR 5 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.

7.A  $\triangle$ SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH CURRENT DRAWING REVISION.

POSITION OF MYLAR

## PRODUCT NUMBER CODE

10061913-X X X X L F

LEAD FREE

## HOUSING COLOR OPTIONS

0-WHITE  
1-BLACK

## PACKAGING OPTIONS

T-TRAY PACKAGING WITHOUT CAP  
C-TRAY PACKAGING WITH CAP  
N-TRAY PACKAGING WITH MYLAR  
G-TRAY PACKAGING WITH DUMMY CARD  
V-TRAY FOR VACUUM PACKAGING  
R-TAPE & REEL PACKAGING WITHOUT CAP OR MYLAR (FOR 36P & 64P ONLY)  
P-TAPE & REEL PACKAGING WITH CAP (FOR 36P & 64P & 98P ONLY)  
Q-TAPE & REEL PACKAGING WITH CAP (CUSTOMIZED FOR 98P ONLY)  
M-TAPE & REEL PACKAGING WITH MYLAR (FOR 36P & 64P & 98P ONLY)  
J-TAPE & REEL PACKAGING(24MM PITCH) WITH MYLAR (FOR 98P & 164P ONLY)  
U-REEL FOR VACUUM PACKAGING  
A-44MM WIDTH TAPE&REEL PACKING WITH MYLAR(FOR 36P ONLY)  
Y-HARD TRAY (338x234 FOR 36P, 98P & 164P OPTION ONLY)  
Z-HARD TRAY (338x234)WITH MYLAR (FOR 36P, 98P & 164P OPTION ONLY)  
B-HARD TRAY (338x234)WITH CAP (FOR 36P, 98P & 164P OPTION ONLY)  
H-CUSTOMIZED HARD TRAY (330x235x19.3)WITH 30mm CAP (FOR 98 & 164P ONLY)  
D-SMALLER HARD TRAY WITH CHAMFER AT LEFT-BOTTOM SIDE (323x136x19) WITH 30mm CAP (FOR 164P ONLY)  $\triangle$

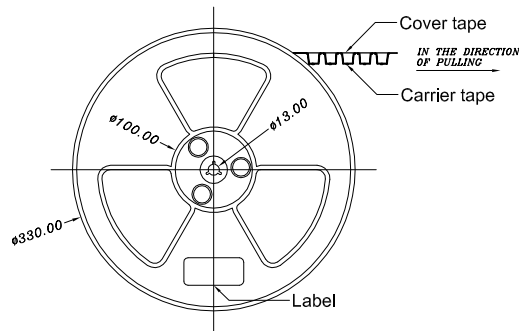
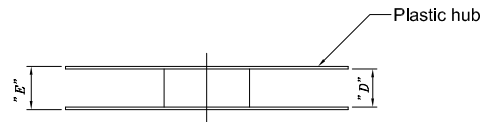
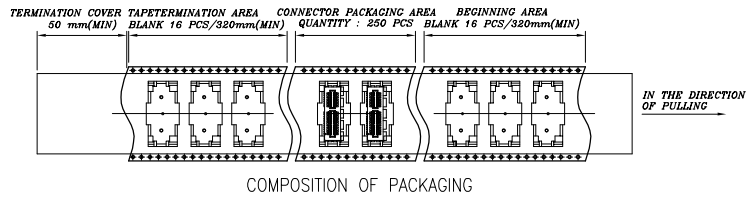
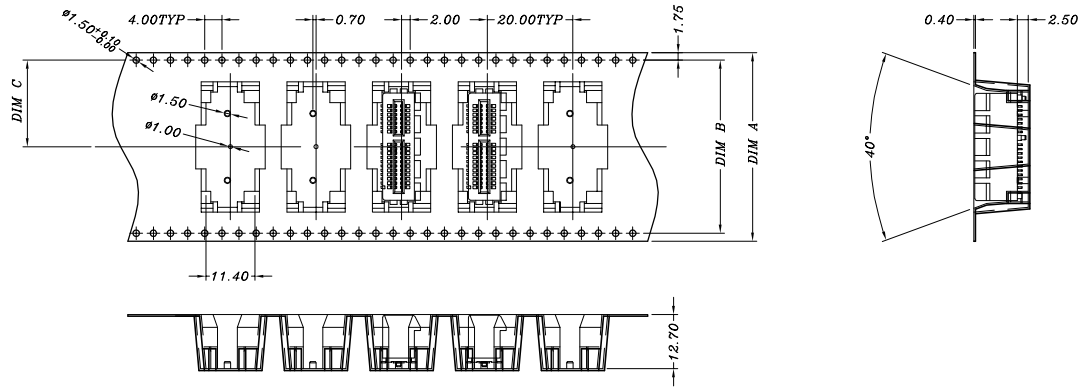
## TERMINAL PLATING OPTIONS

0-50u" Ni UNDERPLATE  
30u" Au CONTACT AREA  
100u" TIN TAIL AREA ----- COMPATIBLE RoHS  
1-50u" Ni UNDERPLATE  
15u" Au CONTACT AREA  
100u" TIN TAIL AREA ----- COMPATIBLE RoHS  
2-50u" Ni UNDERPLATE  
GOLD FLASH CONTACT AREA  
100u" TIN TAIL AREA ----- COMPATIBLE RoHS  
3-50u" Ni UNDERPLATE  
30u" Au CONTACT AREA  
GOLD FLASH TAIL AREA ----- COMPATIBLE RoHS

## POS OPTIONS

0-36  
1-64  
2-98  
3-164

|             |        |          |      |                                       |          |                 |  |                               |  |                            |  |              |      |
|-------------|--------|----------|------|---------------------------------------|----------|-----------------|--|-------------------------------|--|----------------------------|--|--------------|------|
| mat'l. code |        |          |      | surface 58                            |          | tolerance       |  | projection                    |  | product family             |  |              |      |
| -           |        |          |      | ISO 1302                              |          | ISO 406 ISO 101 |  | $\oplus$                      |  | PCI_EXPRESS                |  |              |      |
| ltr         | ecn no | dr       | date | tolerances unless otherwise specified |          |                 |  | $\leftarrow$ MM $\rightarrow$ |  | title                      |  |              |      |
|             |        |          |      | angles                                |          | linear          |  |                               |  | PCI_EXPRESS_CARD_EDGE_GEN3 |  |              |      |
|             |        |          |      | 0°±2°                                 |          |                 |  | scale 2                       |  | ASSEMBLY(SMT)              |  |              |      |
|             |        |          |      | dr                                    | STONE_LI | 2015/05/27      |  | Amphenol<br>FCI               |  | dwg no                     |  | sheet 4 of 6 | size |
|             |        |          |      | engr                                  | STONE_LI | 2015/05/27      |  |                               |  | 10061913                   |  | A4           |      |
|             |        |          |      | chr                                   | /        | /               |  |                               |  |                            |  |              |      |
|             |        |          |      | appd                                  | PM_ZHENG | 2015/05/27      |  |                               |  |                            |  |              |      |
| sheet index |        | revision | P    | type CUSTOMER Drawing                 |          |                 |  |                               |  |                            |  |              |      |
|             |        | sheet    |      |                                       |          |                 |  |                               |  |                            |  |              |      |



TAPE AND REEL  
PACKING  
RECOMMENDED FOR  
36PINS ONLY

| DIMENSIONS              |       |       |       |        |        |
|-------------------------|-------|-------|-------|--------|--------|
| POSITIONS               | A     | B     | C     | D REF. | E REF. |
| 36<br>(10061913-xxxALF) | 44.00 | 40.40 | 20.20 | 44.5   | 50.5   |
| 36                      | 56.00 | 52.60 | 26.30 | 56.4   | 60.4   |
| 64                      | 56.00 | 52.60 | 26.30 | 56.4   | 60.4   |
| 98                      | 88.00 | 79.60 | 39.80 | 88.4   | 92.4   |

|             |        |                |      |                                       |          |                 |  |            |  |                |  |                            |  |  |  |              |  |  |  |      |  |                  |  |
|-------------|--------|----------------|------|---------------------------------------|----------|-----------------|--|------------|--|----------------|--|----------------------------|--|--|--|--------------|--|--|--|------|--|------------------|--|
| mat'l. code |        |                |      | surface 58                            |          | tolerance       |  | projection |  | product family |  |                            |  |  |  |              |  |  |  |      |  |                  |  |
| —           |        |                |      | ISO 1302                              |          | ISO 406 ISO 101 |  | 101        |  | PCI_EXPRESS    |  |                            |  |  |  |              |  |  |  |      |  |                  |  |
| ltr         | ecn no | dr             | date | tolerances unless otherwise specified |          |                 |  |            |  | MM             |  | title                      |  |  |  |              |  |  |  |      |  |                  |  |
|             |        |                |      | angles                                |          | linear          |  | .X±.3      |  |                |  | PCI_EXPRESS_CARD_EDGE_GEN3 |  |  |  |              |  |  |  |      |  |                  |  |
|             |        |                |      | 0°±2°                                 |          |                 |  | .XX±.20    |  |                |  | ASSEMBLY(SMT)              |  |  |  |              |  |  |  |      |  |                  |  |
|             |        |                |      | dr                                    | STONE_LI | 2015/05/27      |  |            |  |                |  | dwg no                     |  |  |  | sheet 5 of 6 |  |  |  | size |  |                  |  |
|             |        |                |      | engr                                  | STONE_LI | 2015/05/27      |  |            |  |                |  | 10061913                   |  |  |  |              |  |  |  | A4   |  |                  |  |
|             |        |                |      | chr                                   | /        | /               |  |            |  |                |  |                            |  |  |  |              |  |  |  |      |  |                  |  |
|             |        |                |      | appd                                  | PM_ZHENG | 2015/05/27      |  |            |  |                |  |                            |  |  |  |              |  |  |  |      |  |                  |  |
| sheet index |        | revision sheet |      | P                                     |          |                 |  |            |  |                |  | type                       |  |  |  |              |  |  |  |      |  | CUSTOMER Drawing |  |

1 For PCI EXPRESS SMT TYPE 36P ONLY.

## 2. Material :

### 2.1 Reel :

2.1.1 Plastic hub : High Impact Polystyrene

2.1.2 Cover tape : PE

2.1.3 Carrier tape : ABS

2.2 Waterproof bag : PE

2.3 Desiccative : Silica Gel

2.4 Carton : Corrugated paper

2.5 Baffle : E.P.E

2.6 Angle paperboard : Corrugated paper

## 3. Dimension :

### 3.1 Reel :

3.1.1 Plastic hub :  $\varnothing 330 \times T50.5$  mm

3.1.2 Cover tape : 5690(L) x 37.4(W) mm

3.1.3 Carrier tape : 5640(L) x 44(W)mm

3.2 Waterproof bag : 600(H) x 465(W) x 0.06(T) mm

3.3 Desiccative : 25 gram / Package

3.4 Carton : 380(L) x 380(W) x 300(H) mm

3.5 Baffle (1): 370(L) x 370(W) x 15(H) mm

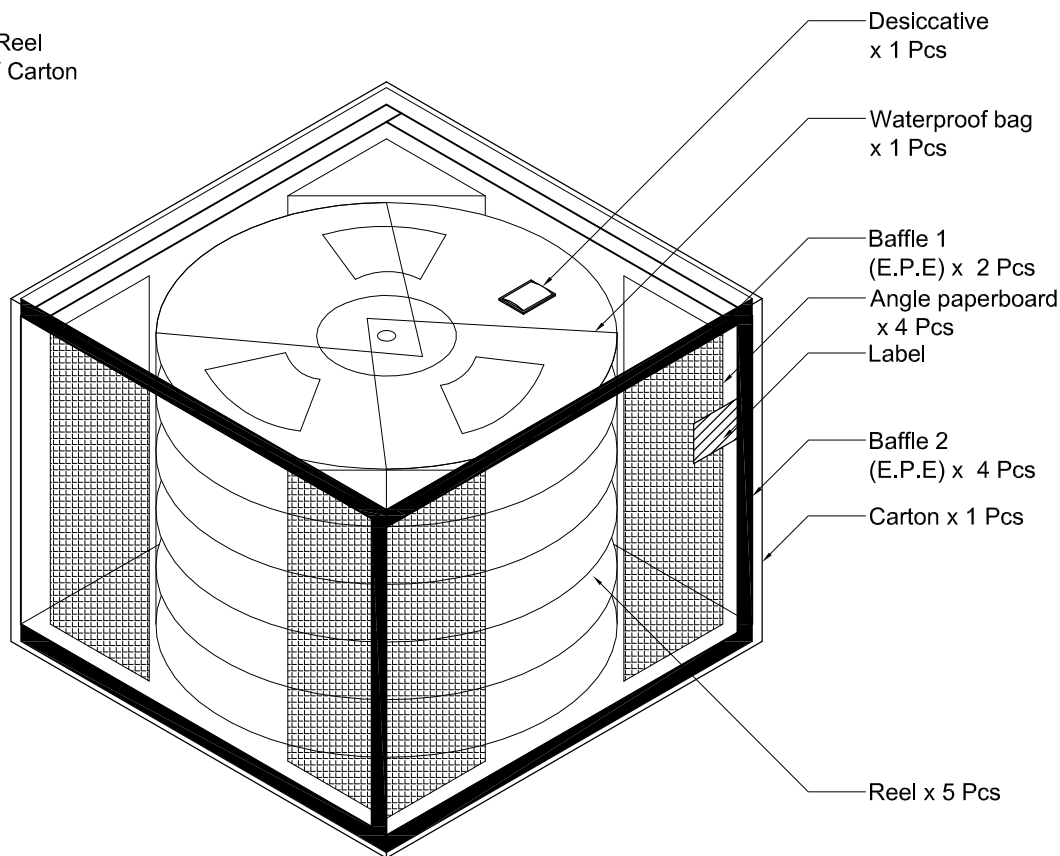
3.6 Baffle (2): 355(L) x 252(W) x 15(H) mm

3.7 Angle paperboard : 252(H)

## 4. Quantity :

4.1 250 Pcs / Reel

4.2 1250 Pcs / Carton



|             |        |          |      |                   |          |                     |         |            |          |                                             |  |  |  |  |              |  |  |  |      |  |  |  |  |
|-------------|--------|----------|------|-------------------|----------|---------------------|---------|------------|----------|---------------------------------------------|--|--|--|--|--------------|--|--|--|------|--|--|--|--|
| mat'l. code |        |          |      | surface 58        |          | tolerance           |         | projection |          | product family                              |  |  |  |  |              |  |  |  |      |  |  |  |  |
| —           |        |          |      | ISO 1302          |          | ISO 406 ISO 1101    |         |            |          | PCI_EXPRESS                                 |  |  |  |  |              |  |  |  |      |  |  |  |  |
| ltr         | ecn no | dr       | date | tolerances unless |          | otherwise specified |         |            |          | PCI_EXPRESS_CARD_EDGE_GEN3<br>ASSEMBLY(SMT) |  |  |  |  |              |  |  |  |      |  |  |  |  |
|             |        |          |      | angles            |          | .X±.3               |         |            |          |                                             |  |  |  |  |              |  |  |  |      |  |  |  |  |
|             |        |          |      | linear            | .XX±.20  |                     |         |            |          |                                             |  |  |  |  |              |  |  |  |      |  |  |  |  |
|             |        |          |      |                   | 0°±2°    | XXX±.10             | scale 1 |            |          |                                             |  |  |  |  |              |  |  |  |      |  |  |  |  |
|             |        |          |      | dr                | STONE_LI | 2015/05/27          |         |            | dwg no   |                                             |  |  |  |  | sheet 6 of 6 |  |  |  | size |  |  |  |  |
|             |        |          |      | engr              | STONE_LI | 2015/05/27          |         |            | 10061913 |                                             |  |  |  |  | A4           |  |  |  |      |  |  |  |  |
|             |        |          |      | chr               | /        | /                   |         |            |          |                                             |  |  |  |  |              |  |  |  |      |  |  |  |  |
|             |        |          |      | appd              | PM_ZHENG | 2015/05/27          |         |            |          |                                             |  |  |  |  |              |  |  |  |      |  |  |  |  |
| sheet index |        | revision |      | P                 |          |                     |         |            |          |                                             |  |  |  |  |              |  |  |  |      |  |  |  |  |
|             |        | sheet    |      |                   |          |                     |         |            |          |                                             |  |  |  |  |              |  |  |  |      |  |  |  |  |



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

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**Факс:** 8 (812) 320-02-42

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