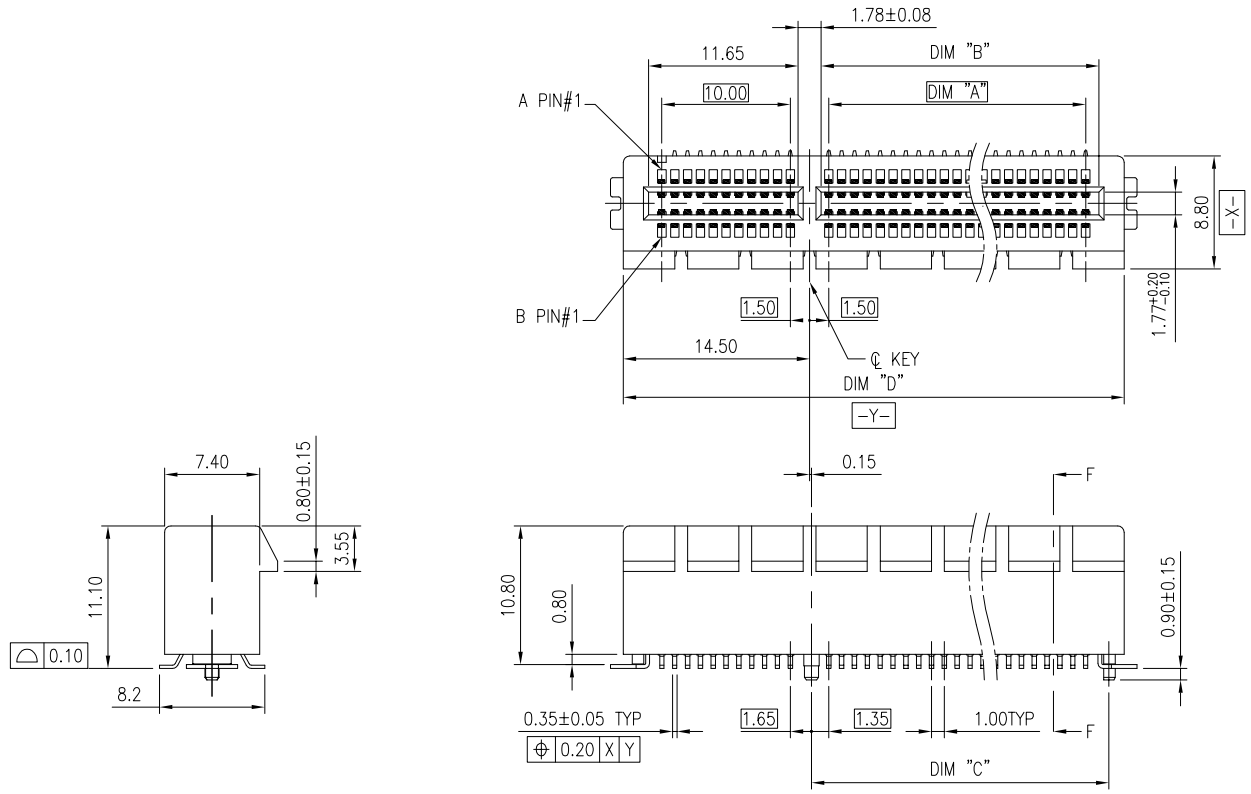
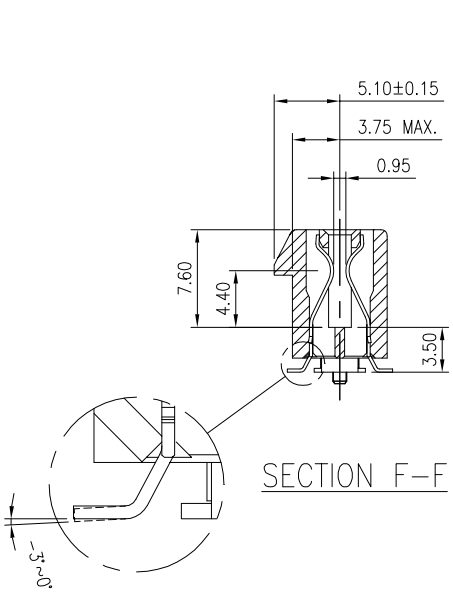
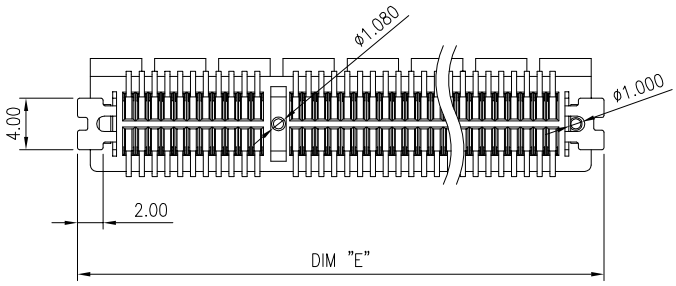



SECTION F-F




HOLD DOWN TYPE

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| mat'l. code | – | surface ISO 1302 58 | tolerance ISO 406 ISO 1101 | projection | product family | PCI_EXPRESS | |
| ltr | ecn no | dr | date | tolerances unless otherwise specified | | title | PCI_EXPRESS_CARD_EDGE_GEN3 ASSEMBLY(SMT) |
| J | ELX-DG-14311 | WL | 2013/03/21 | angles | linear .X±.3 | MM | |
| K | ELX-DG-16269 | ST | 2013/11/13 | | .XX±.20 | | |
| L | ELX-DG-21161-1 | ST | 2015/05/27 | 0°±2° | XXX±.10 | scale 1 | |
| M | ELX-DG-24164 | ZH | 2016/06/01 | dr STONE_LI | 2015/05/27 | Amphenol FCI | dwg no 10061913 sheet 1 of 6 size A4 |
| N | ELX-DG-25671-1 | ZH | 2016/12/19 | engr STONE_LI | 2015/05/27 | | |
| P | ELX-DG-27937 | ZH | 2017/09/12 | chr / | / | | |
| | | | | appd PM_ZHENG | 2015/05/27 | | type CUSTOMER Drawing |

| sheet index | revision sheet | P |
|---|---|---|

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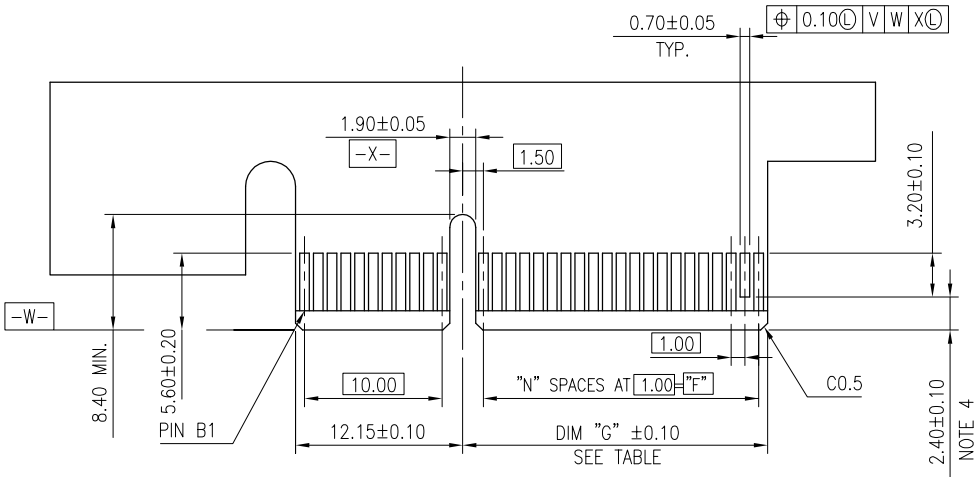
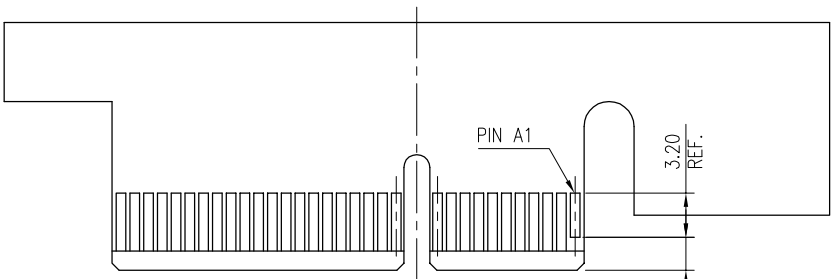
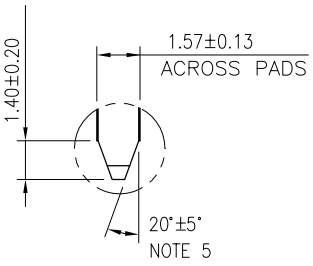
form: A4




← I/O PANEL DIRECTION
PRIMARY (COMPONENT) SIDE




I/O PANEL DIRECTION →
SECONDARY (SOLDER) SIDE

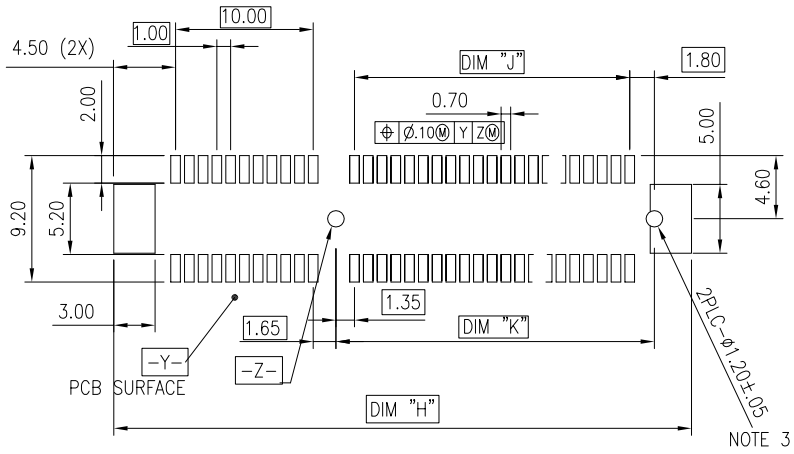



SCALE 2:1

| # POS REF. | N | DIM "G" | DIM "F" | "F" |
|---|---|---|---|---|
| 36 | 6 | 8.15 | 6.00 | B17 |
| 64 | 20 | 22.15 | 20.00 | B31 |
| 98 | 37 | 39.15 | 37.00 | B48 |
| 164 | 70 | 72.15 | 70.00 | B81 |

# ADD-IN CARD EDGE-FINGER DIMENSIONS

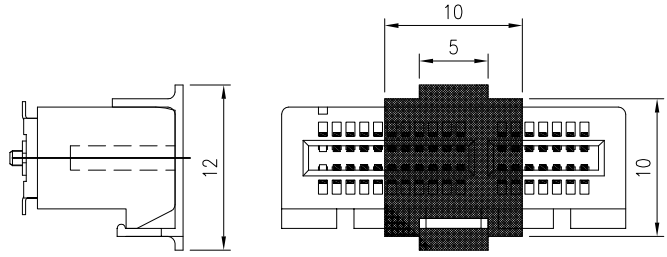
| | | |



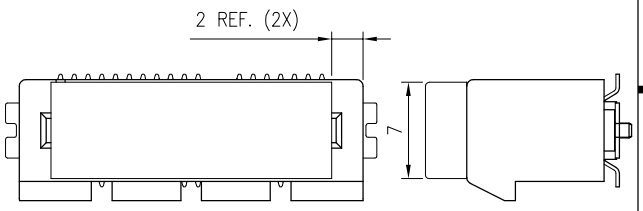

## RECOMMENDED PCB LAYOUT, PAD TYPE

| DIMENSIONS | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| POSITION | A | B $^{+0.15}_{-0.05}$ | C ±0.20 | D ±0.23 | E ±0.20 | H ±0.10 | J | K ±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 |

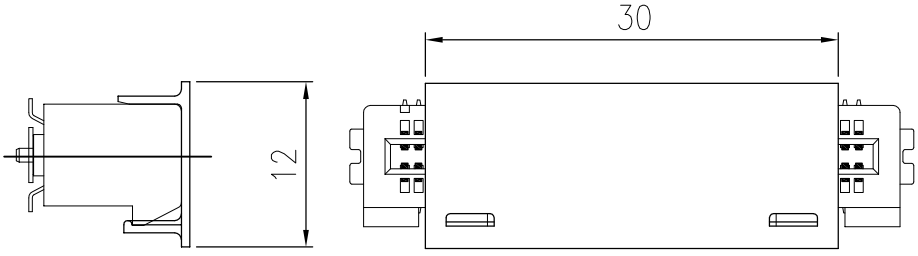
## POSTION OF CAP




## POSTION OF DUMMY CARD




## POSTION OF CUSTOMIZED CAP(30X12)




| | | | | | | | |
|---|---|---|---|---|---|---|---|
| mat'l. code: – | surface ISO 1302 58 | tolerance ISO 406 ISO 1101 | projection | product family: PCI_EXPRESS | | | |
| ltr / ecn no / dr / date | tolerances unless otherwise specified | | | title: PCI_EXPRESS_CARD_EDGE_GEN3 ASSEMBLY(SMT) | | | |
| | angles | linear .X±.2 | MM | | | | |
| | 0°±2° | .XX±.13 .XXX±.05 | scale 2 | | | | |
| | dr STONE_LI | 2015/05/27 | Amphenol FCI | dwg no 10061913 | sheet 3 of 6 | size A4 | |
| | engr STONE_LI | 2015/05/27 | | type CUSTOMER Drawing | | | |
| | chr / | / | | | | | |
| | appd PM_ZHENG | 2015/05/27 | | | | | |
| sheet index / revision sheet | P | | | | | | |

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form: A4

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 [-Z-]

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

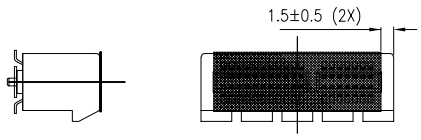
⑤CHAMFER EDGES MUST BE FREE OF CUTTING BURRS.

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




POSTION 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) ⚠P

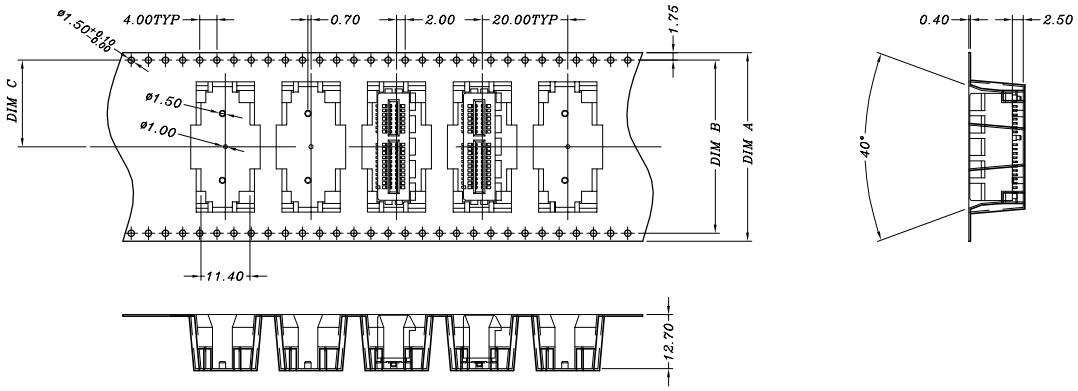
TERMINAL PLATING OPTIONS

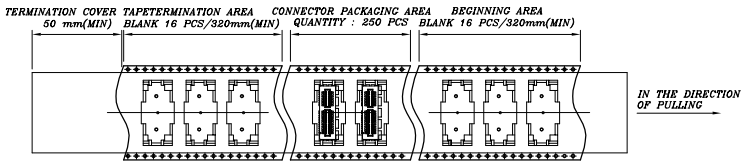
0-50u" Ni UNDERPLATE
30u" Au CONTACT AREA
100u" TIN TAIL AREA ----- COMPATIBLE RoHS
1-50u" Ni UNDERPLATE
15u" Au CONTACT AREA
100u" TIN TAIL AREA ----- COMPATIBLE RoHS
2-50u" Ni UNDERPLATE
GOLD FLASH CONTACT AREA
100u" TIN TAIL AREA ----- COMPATIBLE RoHS
3-50u" Ni UNDERPLATE
30u" Au CONTACT AREA
GOLD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

POS OPTIONS

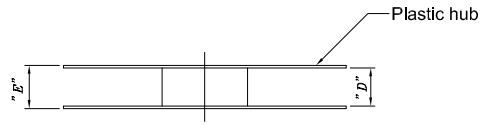
0-36
1-64
2-98
3-164

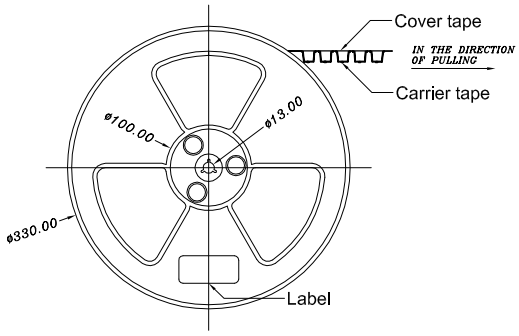
| | | |




COMPOSITION OF PACKAGING




TAPE AND REEL
PACKING
RECOMMENDED FOR
36PINS ONLY

| DIMENSIONS | | | | | |
|---|---|---|---|---|---|
| POSITIONS | A | B | C | D REF. | E REF. |
| 36 (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 |

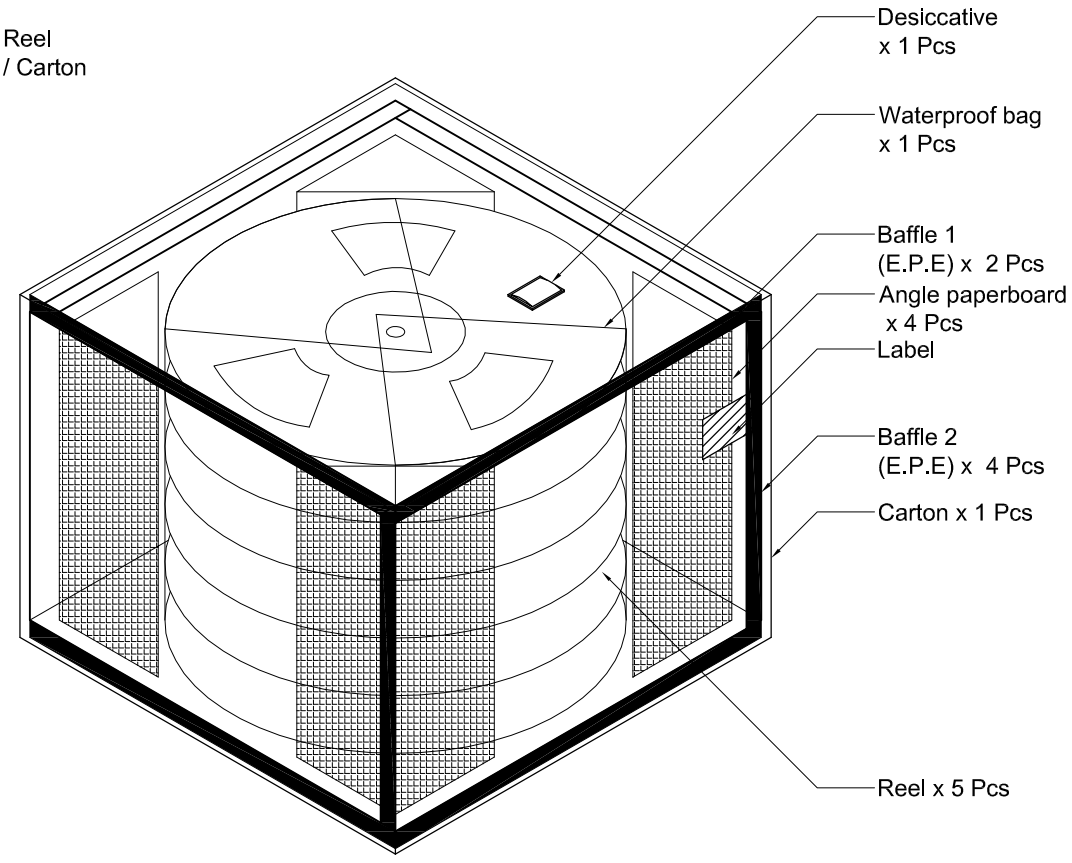
| | | | | |

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 : ∅330 x 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




| | | |

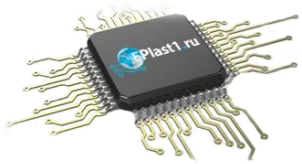
Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

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
**Электронная почта:** org@eplast1.ru
**Адрес:** 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.