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## REVISIONS

| P | LTR | DESCRIPTION   | DATE      | DWN | APVD |
|---|-----|---------------|-----------|-----|------|
|   | D   | ECR-16-014363 | 11OCT2016 | FL  | SY   |

## NOTE:

## 1. MATERIAL:

HOUSING (SEE TABLE): PA46 OR PA9T, UL94 V-0, COLOR: BLACK.

CONTACTS: PHOSPHOR BRONZE.

BOARDLOCK: BRASS.

## 2. FINISH:

2.1 CONTACTS: (SEE TABLE) GOLD PLATED ON CONTACT AREA,  
2.54um [100u"] MIN. MATTE-TIN ON SOLDER TAIL,  
WITH ENTIRE CONTACT UNDERPLATED 1.27um [50u"] MIN. NICKEL.2.2 BOARDLOCK: 2.54um [100u"] MATTE-TIN PLATING ALL OVER  
NICKEL 1.27um[50u"] MIN. UNDERPLATED OVERALL.

## 3. WAVE SOLDER CAPABLE TO 265°C MAX. PER TE SPEC. 109-202, CONDITION B.

## 4. WEIGHT:

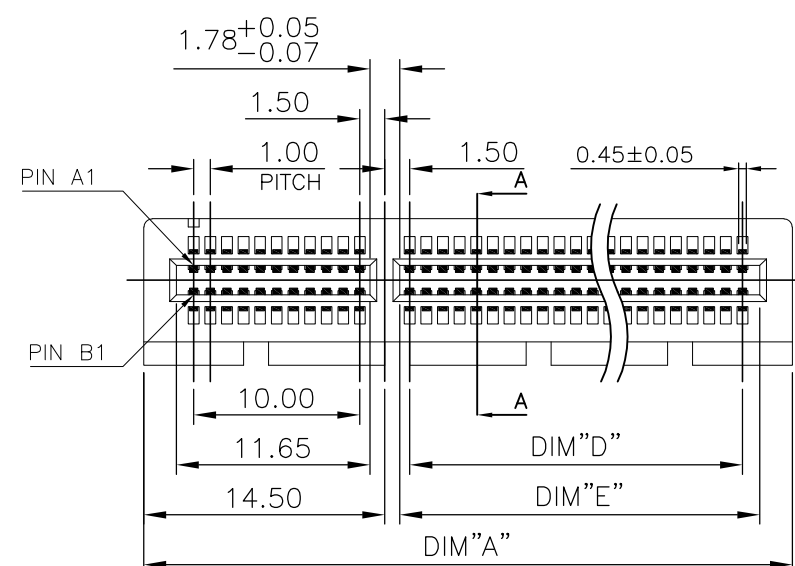
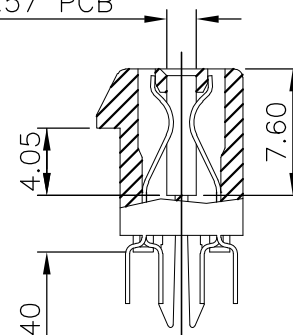
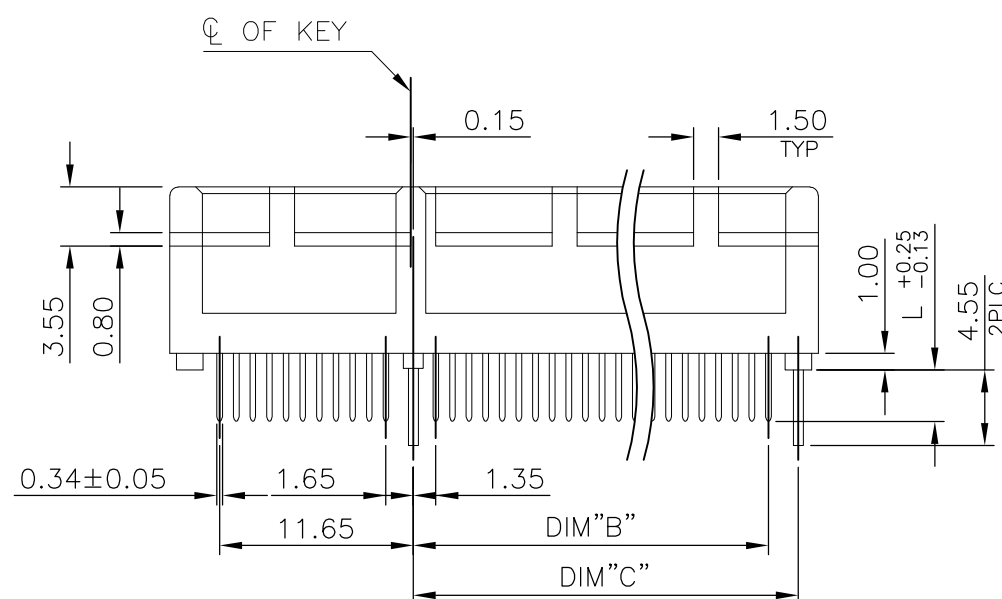
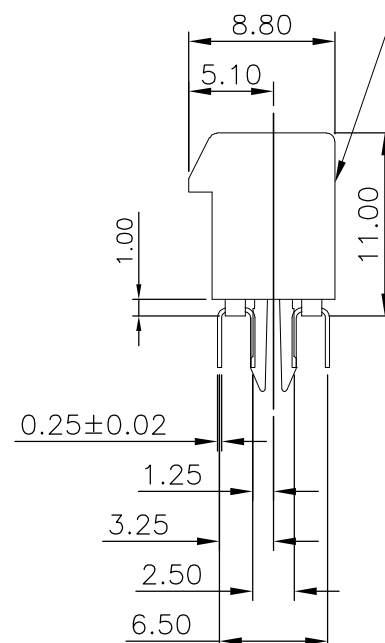
36 POS.: 2.55 GRAMS

64 POS.: 3.90 GRAMS

98 POS.: 5.50 GRAMS

164 POS.: 8.80 GRAMS

## 5. REFLOW SOLDER CAPABLE TO 260°C PER TE SPEC. TEC-109-201, CONDITION B.

ACCEPTED  
1.57 PCBSECTION A-A  
SCALE 1:1LOGO &  
DATE CODE

| HARD TRAY | NOTE 3 & 5      | PA9T             | 2.30  | 0.381μm[15μ"] MIN. | 71.65 | 70.0  | 73.15 | 71.35 | 89.0  | 164  | 6-          | -2 |
|-----------|-----------------|------------------|-------|--------------------|-------|-------|-------|-------|-------|------|-------------|----|
| TRAY      | NOTE 3          | PA46             | 3.10  | 0.762μm[30μ"] MIN. | 71.65 | 70.0  | 73.15 | 71.35 | 89.0  | 164  | 5-          | -2 |
|           |                 |                  |       | 0.381μm[15μ"] MIN. |       |       |       |       |       |      | 4-          | -6 |
|           |                 |                  | 2.30  | GOLD FLASH         | 71.65 | 70.0  | 73.15 | 71.35 | 89.0  | 164  | 4-          | -5 |
|           |                 |                  |       | 0.762μm[30μ"] MIN. |       |       |       |       |       |      | 4-          | -4 |
|           |                 |                  | 3.10  | 0.381μm[15μ"] MIN. | 71.65 | 70.0  | 73.15 | 71.35 | 89.0  | 164  | 4-          | -3 |
|           |                 |                  |       | GOLD FLASH         |       |       |       |       |       |      | 4-          | -2 |
|           |                 |                  | 2.30  | 0.762μm[30μ"] MIN. | 71.65 | 70.0  | 73.15 | 71.35 | 89.0  | 164  | 4-          | -1 |
|           |                 |                  |       | 0.381μm[15μ"] MIN. |       |       |       |       |       |      | 4-          | -6 |
|           |                 |                  | 3.10  | GOLD FLASH         | 71.65 | 70.0  | 73.15 | 71.35 | 89.0  | 164  | 3-          | -5 |
|           |                 |                  |       | 0.762μm[30μ"] MIN. |       |       |       |       |       |      | 3-          | -4 |
|           |                 |                  | 2.30  | 0.381μm[15μ"] MIN. | 71.65 | 70.0  | 73.15 | 71.35 | 89.0  | 164  | 3-          | -3 |
|           |                 |                  |       | GOLD FLASH         |       |       |       |       |       |      | 3-          | -2 |
|           |                 |                  | 3.10  | 0.762μm[30μ"] MIN. | 71.65 | 70.0  | 73.15 | 71.35 | 89.0  | 164  | 3-          | -1 |
|           |                 |                  |       | 0.381μm[15μ"] MIN. |       |       |       |       |       |      | 3-          | -6 |
|           |                 |                  | 2.30  | GOLD FLASH         | 71.65 | 70.0  | 73.15 | 71.35 | 89.0  | 164  | 2-          | -5 |
|           |                 |                  |       | 0.762μm[30μ"] MIN. |       |       |       |       |       |      | 2-          | -4 |
|           |                 |                  | 3.10  | 0.381μm[15μ"] MIN. | 71.65 | 70.0  | 73.15 | 71.35 | 89.0  | 164  | 2-          | -3 |
|           |                 |                  |       | GOLD FLASH         |       |       |       |       |       |      | 2-          | -2 |
|           |                 |                  | 2.30  | 0.762μm[30μ"] MIN. | 71.65 | 70.0  | 73.15 | 71.35 | 89.0  | 164  | 2-          | -1 |
|           |                 |                  |       | 0.381μm[15μ"] MIN. |       |       |       |       |       |      | 2-          | -6 |
|           |                 |                  | 3.10  | GOLD FLASH         | 71.65 | 70.0  | 73.15 | 71.35 | 89.0  | 164  | 1-          | -5 |
|           |                 |                  |       | 0.762μm[30μ"] MIN. |       |       |       |       |       |      | 1-          | -4 |
|           |                 |                  | 2.30  | 0.381μm[15μ"] MIN. | 71.65 | 70.0  | 73.15 | 71.35 | 89.0  | 164  | 1-          | -3 |
|           |                 |                  |       | GOLD FLASH         |       |       |       |       |       |      | 1-          | -2 |
|           |                 |                  | 3.10  | 0.762μm[30μ"] MIN. | 71.65 | 70.0  | 73.15 | 71.35 | 89.0  | 164  | 1-          | -6 |
|           |                 |                  |       | 0.381μm[15μ"] MIN. |       |       |       |       |       |      | 1-          | -5 |
|           |                 |                  | 2.30  | GOLD FLASH         | 71.65 | 70.0  | 73.15 | 71.35 | 89.0  | 164  | 1-          | -4 |
|           |                 |                  |       | 0.762μm[30μ"] MIN. |       |       |       |       |       |      | 1-          | -3 |
|           |                 |                  | 3.10  | 0.381μm[15μ"] MIN. | 71.65 | 70.0  | 73.15 | 71.35 | 89.0  | 164  | 1-          | -2 |
|           |                 |                  |       | GOLD FLASH         |       |       |       |       |       |      | 1-          | -6 |
| PACKAGING | SOLDER CAPACITY | HOUSING MATERIAL | DIM L | GOLD PLATING       | DIM E | DIM D | DIM C | DIM B | DIM A | POS. | PART NUMBER |    |

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DWN B. HSING 21MAY2009

CHK S. CHIEN 21MAY2009

APVD W. KODAMA 21MAY2009

PRODUCT SPEC

108-57375

APPLICATION SPEC

—

WEIGHT 0

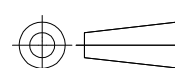
CUSTOMER DRAWING

**STE** TE ConnectivityPCI EXPRESS CARD EDGE CONNECTOR  
VERTICAL, DIP TYPE,(BOARD-LOCK FUNCTION)

SIZE CAGE CODE DRAWING NO RESTRICTED TO

A300779 C-1775801

SCALE 1:1 SHEET 1 OF 4 REV D

DIMENSIONS:  
mmTOLERANCES UNLESS  
OTHERWISE SPECIFIED:0 PLC ± —  
1 PLC ± 0.3  
2 PLC ± 0.2  
3 PLC ± 0.15  
4 PLC ± —  
ANGLES ± 3°

MATERIAL

SEE NOTE

FINISH

SEE NOTE

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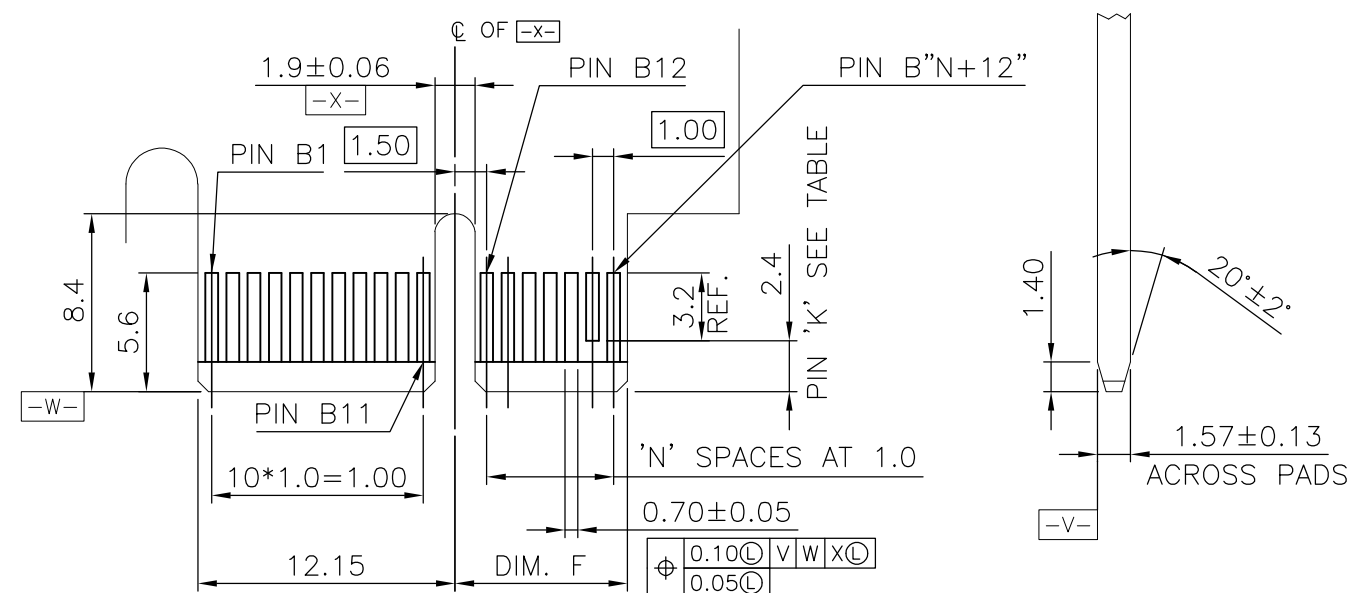
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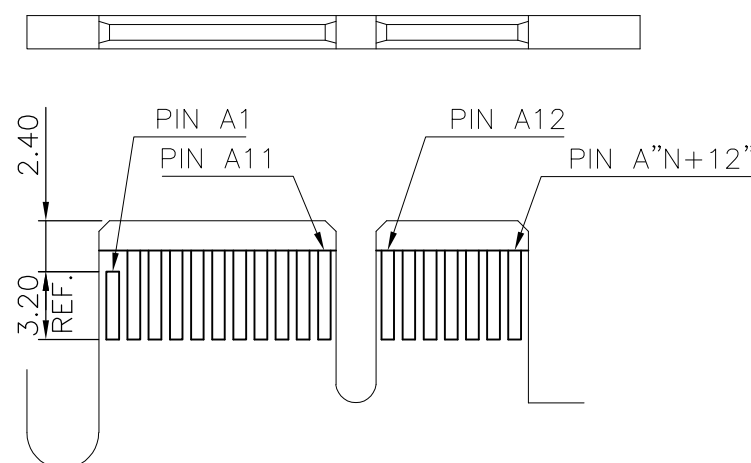
## REVISIONS

| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|-----|-------------|------|-----|------|
| - | -   | SEE SHEET 1 | -    | -   | -    |

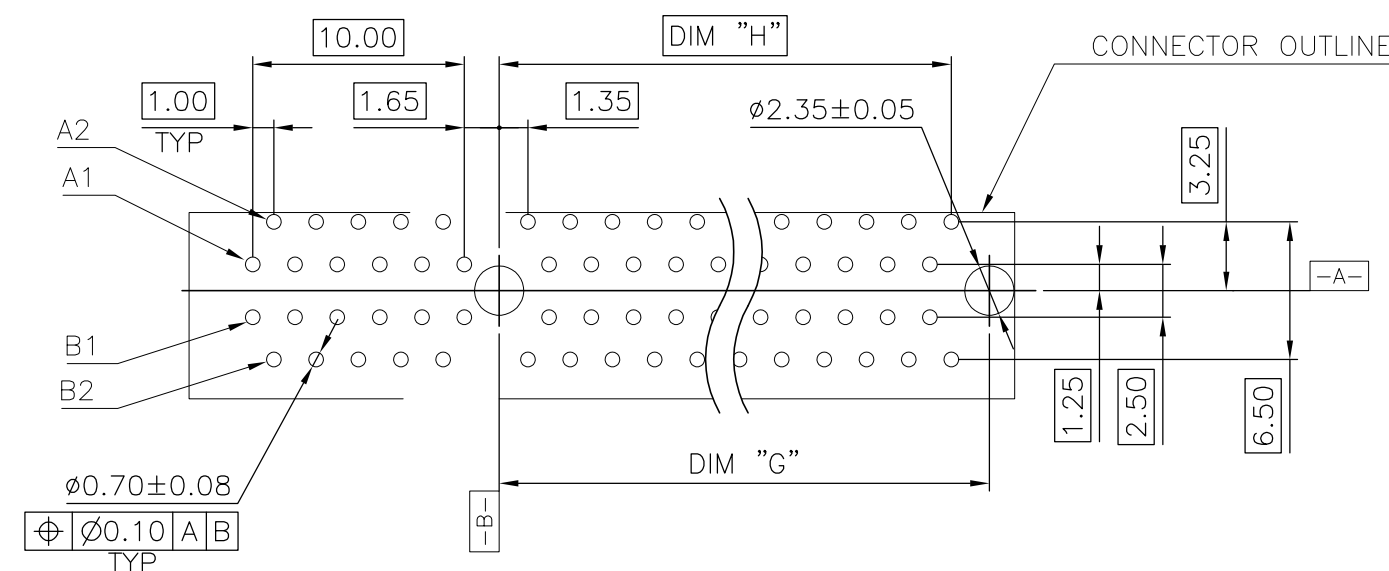
1. NO TIE BAR PERMITTED FROM CARD EDGE TO LEADING EDGE OF PAD FOR PINS A1 AND "K"
2. CHAMFER EDGE MUST BE FREE OF CUTTING BURRS



I/O PANEL DIRECTION  
PRIMARY (COMPONENT) SIDE



SECONDARY (SOLDER) SIDE



## RECOMMENDED PCB LAYOUT

TOLERANCE:  $\pm 0.05$   
DIM.L=3.1mm THICKNESS: 2.4mm  
DIM.L=2.3mm THICKNESS: 1.6mm

| POS. | N  | DIM. F | DIM. G | DIM. H | "K"             |
|------|----|--------|--------|--------|-----------------|
| 36   | 6  | 8.15   | 9.15   | 7.35   | B17             |
| 64   | 20 | 22.15  | 23.15  | 21.35  | B17,B31         |
| 98   | 37 | 39.15  | 40.15  | 38.35  | B17,B31,B48     |
| 164  | 70 | 72.15  | 73.15  | 71.35  | B17,B31,B48,B81 |

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DWN B. HSING 21MAY2009

CHK S. CHIEN 21MAY2009

APVD W. KODAMA 21MAY2009

PRODUCT SPEC

APPLICATION SPEC

WEIGHT 0

CUSTOMER DRAWING



TE Connectivity

PCI EXPRESS CARD EDGE CONNECTOR  
VERTICAL, DIP TYPE,(BOARD-LOCK FUNCTION)

NAME

SIZE CAGE CODE DRAWING NO RESTRICTED TO

A3 00779 C-1775801

SCALE 1:1 SHEET 2 OF 4 REV D

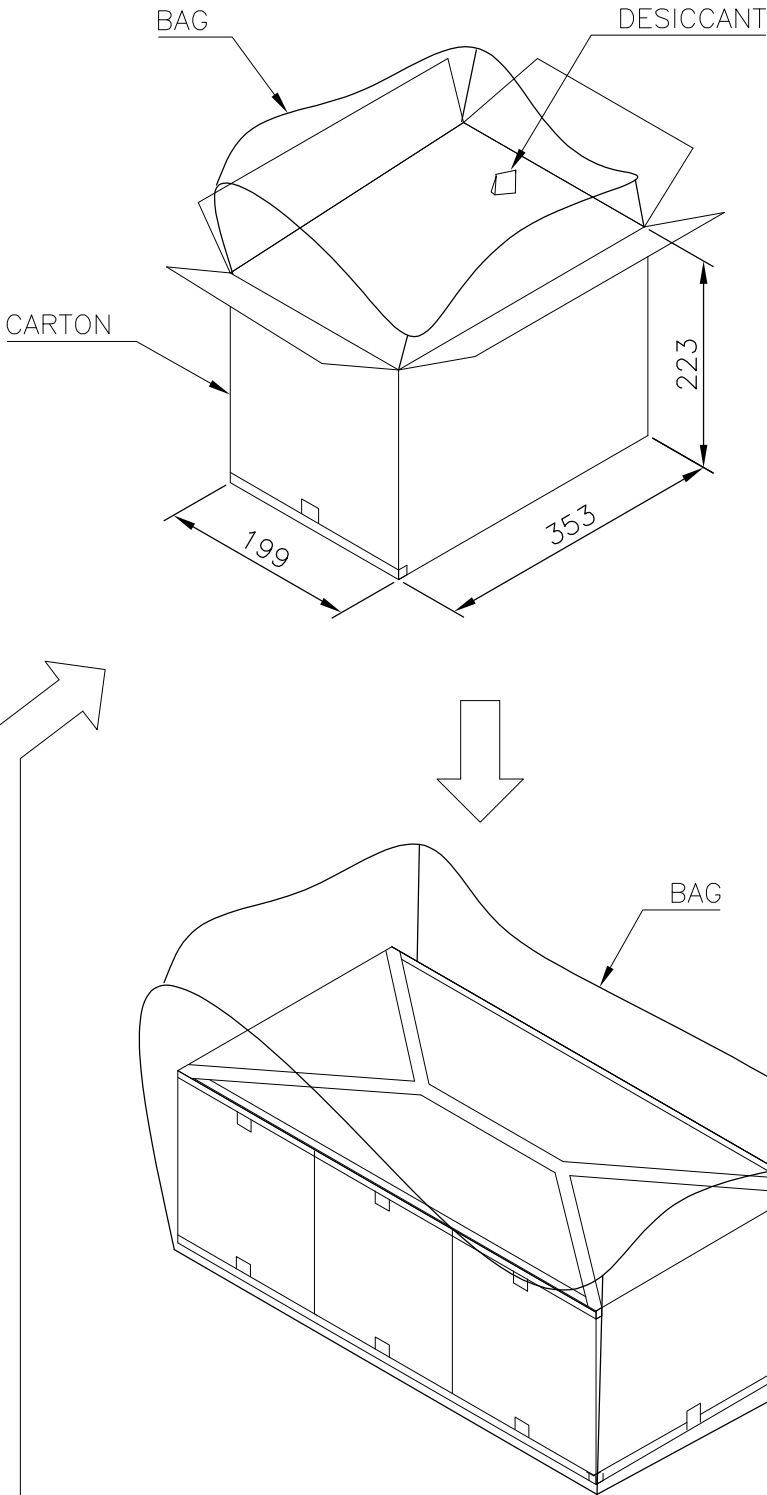
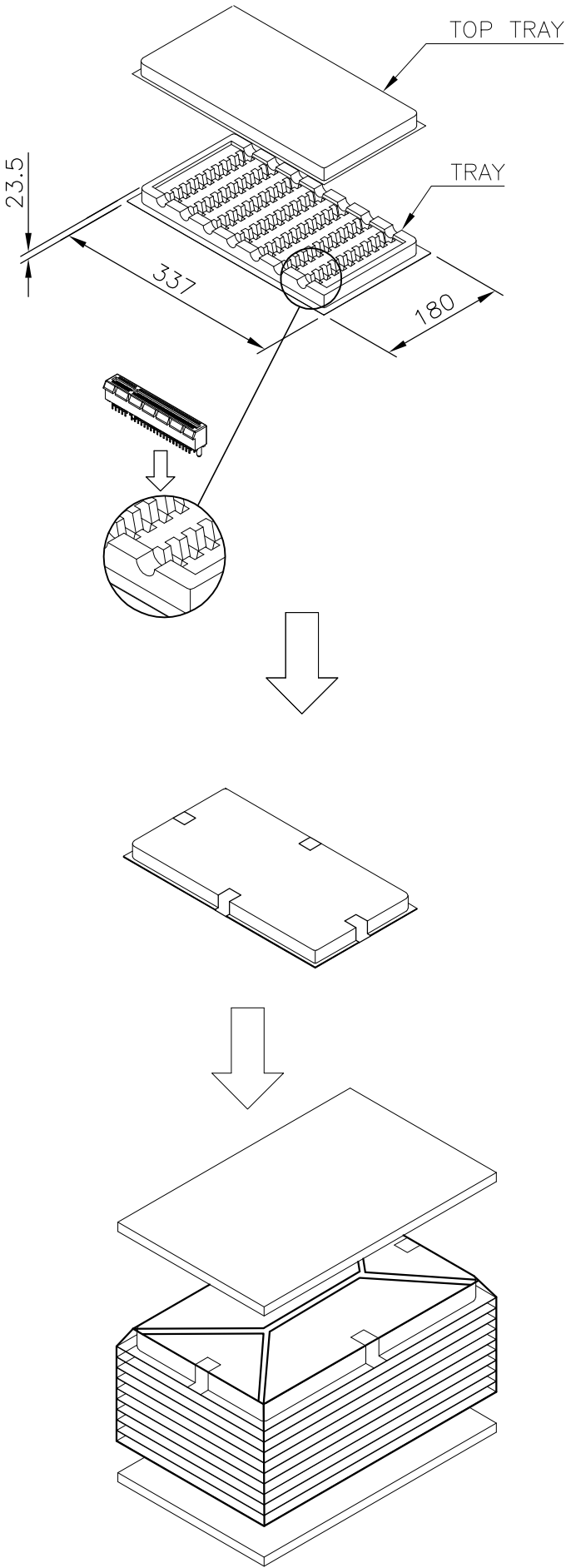
| REVISIONS |     |             |      |     |      |
|-----------|-----|-------------|------|-----|------|
| P         | LTR | DESCRIPTION | DATE | DWN | APVD |
|           | —   | SEE SHEET 1 | —    | —   | —    |

D

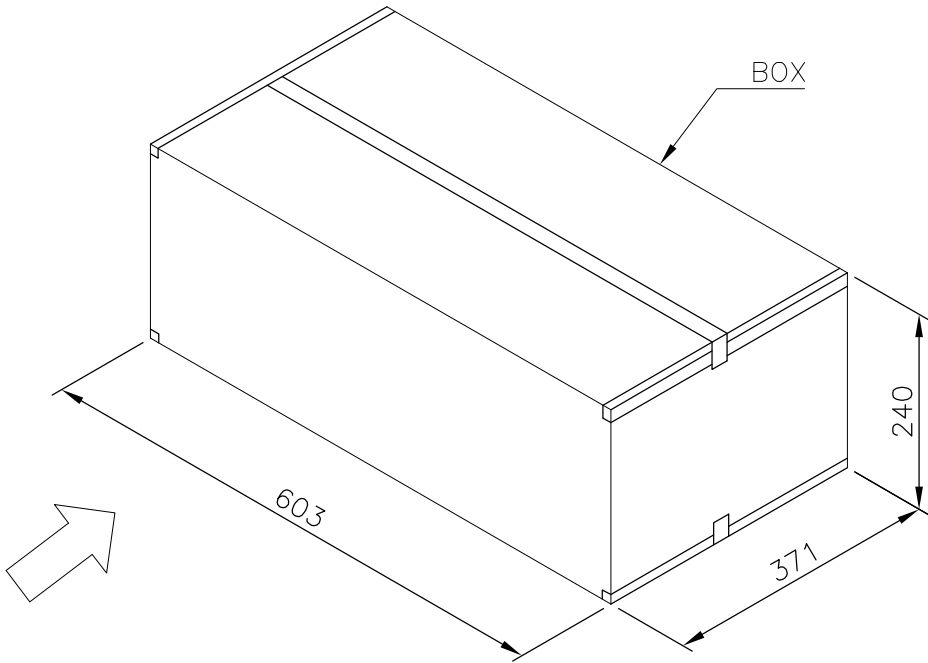
C

B

A



- NOTES :
- MATERIAL :  
TRAY : PVC, COLOR: TRANSPARENT.  
CARTON: CORRUGATED FIBER  
BOX: CORRUGATED FIBER
  - DIMENSION :  
TRAY: SEE DRAWING  
CARTON: SEE DRAWING  
BOX : SEE DRAWING
  - QUANTITY : SEE TABLE
  - WEIGHT : SEE TABLE

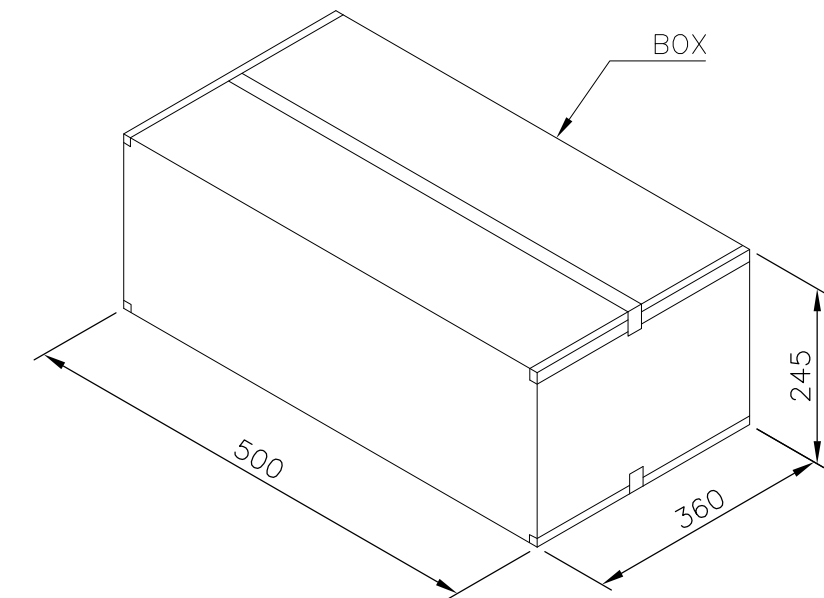


|              |            |           |              |             |          |     |
|--------------|------------|-----------|--------------|-------------|----------|-----|
| 9.6 KG       | 7.6 KG     | 30        | 10           | 3           | 900      | 164 |
| 8.5 KG       | 6.5 KG     | 40        | 10           | 3           | 1200     | 98  |
| 9.1 KG       | 7.1 KG     | 60        | 10           | 3           | 1800     | 64  |
| 7.7 KG       | 5.7 KG     | 70        | 10           | 3           | 2100     | 36  |
| GROSS WEIGHT | NET WEIGHT | PCS/ TRAY | TRAY/ CARTON | CARTON/ BOX | PCS/ BOX | POS |

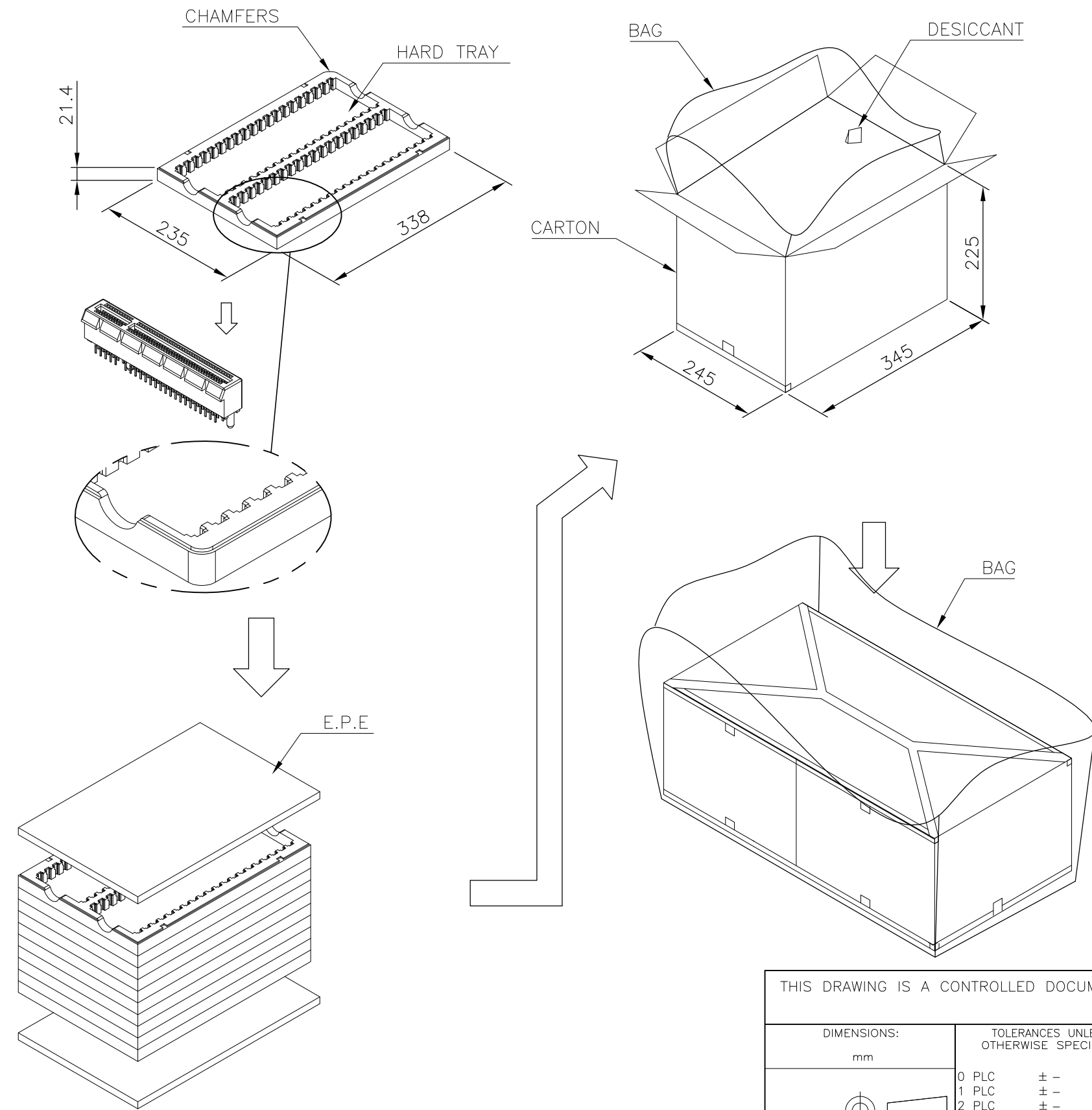
|                                        |  |                   |           |                                                                                                       |           |            |
|----------------------------------------|--|-------------------|-----------|-------------------------------------------------------------------------------------------------------|-----------|------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN<br>B. HSING   | 21MAY2009 |  TE Connectivity |           |            |
|                                        |  | CHK<br>S. CHIEN   | 21MAY2009 |                                                                                                       |           |            |
|                                        |  | APVD<br>W. KODAMA | 21MAY2009 | NAME                                                                                                  |           |            |
|                                        |  | PRODUCT SPEC      |           | PCI EXPRESS CARD EDGE CONNECTOR<br>VERTICAL, DIP TYPE,(BOARD-LOCK FUNCTION)                           |           |            |
|                                        |  | APPLICATION SPEC  |           | —                                                                                                     |           |            |
|                                        |  | WEIGHT            | 0         | SIZE                                                                                                  | CAGE CODE | DRAWING NO |
|                                        |  | CUSTOMER DRAWING  |           | A3                                                                                                    | 00779     | C-1775801  |
|                                        |  |                   |           | SCALE                                                                                                 | 1:1       | SHEET      |
|                                        |  |                   |           | 3 OF 4                                                                                                |           | REV        |
|                                        |  |                   |           |                                                                                                       |           | D          |

| REVISIONS |     |             |      |     |      |
|-----------|-----|-------------|------|-----|------|
| P         | LTR | DESCRIPTION | DATE | DWN | APVD |
|           | -   | SEE SHEET 1 | -    | -   | -    |

- NOTES :
- PACKING MATERIAL MET TE SPEC TEC-138-702.
- \* CADMIUM AND CADMIUM COMPOUNDS CONTENT:  
5 PPM UNDER (PLASTIC, RUBBER, INK, PIGMENT, PAINT)
  - \* LEAD, CADMIUM, CHROM VI AND MERCURY IN PACKAGING MATERIALS CONTENT: 100 PPM (COMBINED) UNDER.
1. MATERIAL :
- TRAY: HIPS, COLOR: BLACK.
- CARTON: CORRUGATED FIBER
- BOX: CORRUGATED FIBER
- TRANSPARENT BAG: PE, SIZE: 500mm\*380mm\*0.06mm  
640mm\*510mm\*0.06mm
2. EACH BAG SHALL BE INCLUDED:
- \* DESICCANT



|              |            |           |              |             |          |     |
|--------------|------------|-----------|--------------|-------------|----------|-----|
| 11.5 Kg      | 7.0 Kg     | 40        | 10           | 2           | 800      | 164 |
| GROSS WEIGHT | NET WEIGHT | PCS/ TRAY | TRAY/ CARTON | CARTON/ BOX | PCS/ BOX | POS |



|                                        |  |                   |           |                                                                             |           |            |
|----------------------------------------|--|-------------------|-----------|-----------------------------------------------------------------------------|-----------|------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN<br>B. HSING   | 21MAY2009 | TE Connectivity                                                             |           |            |
|                                        |  | CHK<br>S. CHIEN   | 21MAY2009 |                                                                             |           |            |
|                                        |  | APVD<br>W. KODAMA | 21MAY2009 | NAME                                                                        |           |            |
|                                        |  | PRODUCT SPEC      |           | PCI EXPRESS CARD EDGE CONNECTOR<br>VERTICAL, DIP TYPE,(BOARD-LOCK FUNCTION) |           |            |
|                                        |  | APPLICATION SPEC  |           |                                                                             |           |            |
|                                        |  | WEIGHT            | 0         | SIZE                                                                        | CAGE CODE | DRAWING NO |
|                                        |  | CUSTOMER DRAWING  |           | A3                                                                          | 00779     | C-1775801  |
|                                        |  | SCALE             | 1:1       | SHEET                                                                       | 4 of 4    | REV D      |

|                   |  |                                        |     |
|-------------------|--|----------------------------------------|-----|
| DIMENSIONS:<br>mm |  | TOLERANCES UNLESS OTHERWISE SPECIFIED: |     |
|                   |  | 0 PLC                                  | ± - |
|                   |  | 1 PLC                                  | ± - |
|                   |  | 2 PLC                                  | ± - |
|                   |  | 3 PLC                                  | ± - |
|                   |  | 4 PLC                                  | ± - |
|                   |  | ANGLES                                 | ± - |
| MATERIAL          |  | FINISH                                 | -   |

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

Наши преимущества:

- Поставка оригинальных импортных электронных компонентов напрямую с производств Америки, Европы и Азии, а так же с крупнейших складов мира;
- Широкая линейка поставок активных и пассивных импортных электронных компонентов (более 30 млн. наименований);
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
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- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

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## JONHON

«JONHON» (основан в 1970 г.)

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«FORSTAR» (основан в 1998 г.)

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кабельные сборки и микроволновые компоненты:

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