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LOC

DW

DIST

REVISIONS

| P | LTR | DESCRIPTION               | DATE    | DWN | APVD |
|---|-----|---------------------------|---------|-----|------|
|   | G   | REVISED PER ECR-16-003830 | 14MAR16 | FL  | SY   |

|           |                        |                  |        |        |        |        |        |             |      |               |                     |             |
|-----------|------------------------|------------------|--------|--------|--------|--------|--------|-------------|------|---------------|---------------------|-------------|
| 8.7       | GEN II<br>&<br>GEN III |                  | 2.30   | 71.35  | 70     | 73.15  | 89     | 71.65       | 164  | BLACK         | 30u"                | 4-1734774-8 |
| 5.45      |                        |                  |        | 38.35  | 37     | 40.15  | 56     | 38.65       | 98   | WHITE         |                     | 4-1734774-7 |
| 3.85      |                        |                  |        | 21.35  | 20     | 23.15  | 39     | 21.65       | 64   | BLACK         |                     | 4-1734774-6 |
| 2.55      |                        |                  |        | 7.35   | 6      | 9.15   | 25     | 7.65        | 36   | WHITE         |                     | 4-1734774-5 |
| 8.7       |                        |                  |        | 71.35  | 70     | 73.15  | 89     | 71.65       | 164  | BLACK         |                     | 4-1734774-4 |
|           |                        |                  |        |        |        |        |        |             |      | WHITE         |                     | 4-1734774-3 |
| 5.45      |                        |                  |        | 38.35  | 37     | 40.15  | 56     | 38.65       | 98   | BLACK         | 4-1734774-2         |             |
|           |                        |                  |        |        |        |        |        |             |      | WHITE         | 4-1734774-1         |             |
| 3.85      |                        |                  |        | 21.35  | 20     | 23.15  | 39     | 21.65       | 64   | BLACK         | 4-1734774-1         |             |
|           |                        |                  |        |        |        |        |        |             |      | WHITE         | 4-1734774-0         |             |
| 2.55      |                        |                  |        | 7.35   | 6      | 9.15   | 25     | 7.65        | 36   | BLACK         | 4-1734774-0         |             |
|           |                        |                  |        |        |        |        |        |             |      | WHITE         | 4-1734774-0         |             |
| 8.7       |                        |                  |        | 71.35  | 70     | 73.15  | 89     | 71.65       | 164  | BLACK         | 3-1734774-9         |             |
|           |                        |                  |        |        |        |        |        |             |      | WHITE         | 3-1734774-8         |             |
| 5.45      |                        |                  |        | 38.35  | 37     | 40.15  | 56     | 38.65       | 98   | BLACK         | 3-1734774-7         |             |
|           |                        |                  |        |        |        |        |        |             |      | WHITE         | 3-1734774-6         |             |
| 3.85      | 21.35                  | 20               | 23.15  | 39     | 21.65  | 64     | BLACK  | 3-1734774-5 |      |               |                     |             |
|           |                        |                  |        |        |        |        | WHITE  | 3-1734774-4 |      |               |                     |             |
| 2.55      | 7.35                   | 6                | 9.15   | 25     | 7.65   | 36     | BLACK  | 3-1734774-3 |      |               |                     |             |
|           |                        |                  |        |        |        |        | WHITE  | 3-1734774-2 |      |               |                     |             |
| 8.7       | 71.35                  | 70               | 73.15  | 89     | 71.65  | 164    | BLACK  | 3-1734774-1 |      |               |                     |             |
|           |                        |                  |        |        |        |        | WHITE  | 3-1734774-0 |      |               |                     |             |
| 5.45      | 38.35                  | 37               | 40.15  | 56     | 38.65  | 98     | BLACK  | 3-1734774-0 |      |               |                     |             |
|           |                        |                  |        |        |        |        | WHITE  | 3-1734774-0 |      |               |                     |             |
| 3.85      | 21.35                  | 20               | 23.15  | 39     | 21.65  | 64     | BLACK  | 2-1734774-9 |      |               |                     |             |
|           |                        |                  |        |        |        |        | WHITE  | 2-1734774-8 |      |               |                     |             |
| 2.55      | 7.35                   | 6                | 9.15   | 25     | 7.65   | 36     | BLACK  | 2-1734774-7 |      |               |                     |             |
|           |                        |                  |        |        |        |        | WHITE  | 2-1734774-6 |      |               |                     |             |
| 8.7       | 71.35                  | 70               | 73.15  | 89     | 71.65  | 164    | BLACK  | 2-1734774-5 |      |               |                     |             |
|           |                        |                  |        |        |        |        | WHITE  | 2-1734774-4 |      |               |                     |             |
| 5.45      | 38.35                  | 37               | 40.15  | 56     | 38.65  | 98     | BLACK  | 2-1734774-3 |      |               |                     |             |
|           |                        |                  |        |        |        |        | WHITE  | 2-1734774-2 |      |               |                     |             |
| 3.85      | 21.35                  | 20               | 23.15  | 39     | 21.65  | 64     | BLACK  | 2-1734774-1 |      |               |                     |             |
|           |                        |                  |        |        |        |        | WHITE  | 2-1734774-0 |      |               |                     |             |
| 2.55      | 7.35                   | 6                | 9.15   | 25     | 7.65   | 36     | BLACK  | 2-1734774-0 |      |               |                     |             |
|           |                        |                  |        |        |        |        | WHITE  | 2-1734774-0 |      |               |                     |             |
| 8.7       | 71.35                  | 70               | 73.15  | 89     | 71.65  | 164    | BLACK  | 1-1734774-9 |      |               |                     |             |
|           |                        |                  |        |        |        |        | WHITE  | 1-1734774-8 |      |               |                     |             |
| 5.45      | 38.35                  | 37               | 40.15  | 56     | 38.65  | 98     | BLACK  | 1-1734774-7 |      |               |                     |             |
|           |                        |                  |        |        |        |        | WHITE  | 1-1734774-6 |      |               |                     |             |
| 3.85      | 21.35                  | 20               | 23.15  | 39     | 21.65  | 64     | BLACK  | 1-1734774-5 |      |               |                     |             |
|           |                        |                  |        |        |        |        | WHITE  | 1-1734774-4 |      |               |                     |             |
| 2.55      | 7.35                   | 6                | 9.15   | 25     | 7.65   | 36     | BLACK  | 1-1734774-3 |      |               |                     |             |
|           |                        |                  |        |        |        |        | WHITE  | 1-1734774-2 |      |               |                     |             |
| 8.7       | 71.35                  | 70               | 73.15  | 89     | 71.65  | 164    | BLACK  | 1-1734774-1 |      |               |                     |             |
|           |                        |                  |        |        |        |        | WHITE  | 1-1734774-0 |      |               |                     |             |
| 5.45      | 38.35                  | 37               | 40.15  | 56     | 38.65  | 98     | BLACK  | 1-1734774-0 |      |               |                     |             |
|           |                        |                  |        |        |        |        | WHITE  | 1-1734774-0 |      |               |                     |             |
| 3.85      | 21.35                  | 20               | 23.15  | 39     | 21.65  | 64     | BLACK  | 1-1734774-0 |      |               |                     |             |
|           |                        |                  |        |        |        |        | WHITE  | 1-1734774-0 |      |               |                     |             |
| 2.55      | 7.35                   | 6                | 9.15   | 25     | 7.65   | 36     | BLACK  | 1-1734774-0 |      |               |                     |             |
|           |                        |                  |        |        |        |        | WHITE  | 1-1734774-0 |      |               |                     |             |
| WEIGHT(g) | PCI-E COMPLIANCE       | HOUSING MATERIAL | DIM. L | DIM. E | DIM. D | DIM. C | DIM. B | DIM. A      | POS. | HOUSING COLOR | MIN. GOLD THICKNESS | PART NUMBER |

|           |                  |                  |        |        |        |        |        |             |      |               |                     |             |
|-----------|------------------|------------------|--------|--------|--------|--------|--------|-------------|------|---------------|---------------------|-------------|
| 8.8       | GEN II           | PA46             | 2.30   | 71.35  | 70     | 73.15  | 89     | 71.65       | 164  | BLACK         | 30u"                | 9-1734774-7 |
| 5.5       |                  |                  |        | 38.35  | 37     | 40.15  | 56     | 38.65       | 98   | WHITE         |                     | 9-1734774-6 |
| 3.9       |                  |                  |        | 21.35  | 20     | 23.15  | 39     | 21.65       | 64   | BLACK         |                     | 9-1734774-5 |
| 2.55      |                  |                  |        | 7.35   | 6      | 9.15   | 25     | 7.65        | 36   | WHITE         |                     | 9-1734774-4 |
| 8.8       |                  |                  |        | 71.35  | 70     | 73.15  | 89     | 71.65       | 164  | BLACK         |                     | 9-1734774-3 |
|           |                  |                  |        |        |        |        |        |             |      | WHITE         |                     | 9-1734774-2 |
| 5.5       |                  |                  |        | 38.35  | 37     | 40.15  | 56     | 38.65       | 98   | BLACK         | 9-1734774-1         |             |
|           |                  |                  |        |        |        |        |        |             |      | WHITE         | 9-1734774-0         |             |
| 3.9       |                  |                  |        | 21.35  | 20     | 23.15  | 39     | 21.65       | 64   | BLACK         | 9-1734774-0         |             |
|           |                  |                  |        |        |        |        |        |             |      | WHITE         | 9-1734774-0         |             |
| 2.55      |                  |                  |        | 7.35   | 6      | 9.15   | 25     | 7.65        | 36   | BLACK         | 9-1734774-0         |             |
|           |                  |                  |        |        |        |        |        |             |      | WHITE         | 9-1734774-0         |             |
| 8.8       |                  |                  |        | 71.35  | 70     | 73.15  | 89     | 71.65       | 164  | BLACK         | 8-1734774-9         |             |
|           |                  |                  |        |        |        |        |        |             |      | WHITE         | 8-1734774-8         |             |
| 5.5       |                  |                  |        | 38.35  | 37     | 40.15  | 56     | 38.65       | 98   | BLACK         | 8-1734774-7         |             |
|           |                  |                  |        |        |        |        |        |             |      | WHITE         | 8-1734774-6         |             |
| 3.9       | 21.35            | 20               | 23.15  | 39     | 21.65  | 64     | BLACK  | 8-1734774-5 |      |               |                     |             |
|           |                  |                  |        |        |        |        | WHITE  | 8-1734774-4 |      |               |                     |             |
| 2.55      | 7.35             | 6                | 9.15   | 25     | 7.65   | 36     | BLACK  | 8-1734774-3 |      |               |                     |             |
|           |                  |                  |        |        |        |        | WHITE  | 8-1734774-2 |      |               |                     |             |
| 8.8       | 71.35            | 70               | 73.15  | 89     | 71.65  | 164    | BLACK  | 8-1734774-1 |      |               |                     |             |
|           |                  |                  |        |        |        |        | WHITE  | 8-1734774-0 |      |               |                     |             |
| 5.5       | 38.35            | 37               | 40.15  | 56     | 38.65  | 98     | BLACK  | 8-1734774-0 |      |               |                     |             |
|           |                  |                  |        |        |        |        | WHITE  | 8-1734774-0 |      |               |                     |             |
| 3.9       | 21.35            | 20               | 23.15  | 39     | 21.65  | 64     | BLACK  | 8-1734774-0 |      |               |                     |             |
|           |                  |                  |        |        |        |        | WHITE  | 8-1734774-0 |      |               |                     |             |
| 2.55      | 7.35             | 6                | 9.15   | 25     | 7.65   | 36     | BLACK  | 8-1734774-0 |      |               |                     |             |
|           |                  |                  |        |        |        |        | WHITE  | 8-1734774-0 |      |               |                     |             |
| 8.8       | 71.35            | 70               | 73.15  | 89     | 71.65  | 164    | BLACK  | 8-1734774-0 |      |               |                     |             |
|           |                  |                  |        |        |        |        | WHITE  | 8-1734774-0 |      |               |                     |             |
| 5.5       | 38.35            | 37               | 40.15  | 56     | 38.65  | 98     | BLACK  | 8-1734774-0 |      |               |                     |             |
|           |                  |                  |        |        |        |        | WHITE  | 8-1734774-0 |      |               |                     |             |
| 3.9       | 21.35            | 20               | 23.15  | 39     | 21.65  | 64     | BLACK  | 8-1734774-0 |      |               |                     |             |
|           |                  |                  |        |        |        |        | WHITE  | 8-1734774-0 |      |               |                     |             |
| 2.55      | 7.35             | 6                | 9.15   | 25     | 7.65   | 36     | BLACK  | 8-1734774-0 |      |               |                     |             |
|           |                  |                  |        |        |        |        | WHITE  | 8-1734774-0 |      |               |                     |             |
| WEIGHT(g) | PCI-E COMPLIANCE | HOUSING MATERIAL | DIM. L | DIM. E | DIM. D | DIM. C | DIM. B | DIM. A      | POS. | HOUSING COLOR | MIN. GOLD THICKNESS | PART NUMBER |

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DIMENSIONS:

MM

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -

1 PLC ± 0.3

2 PLC ± 0.2

3 PLC ± 0.15

4 PLC ± -

ANGLES ± 3°

FINISH

MATERIAL

DWN

B. HSING

15JUL2009

CHK

S. CHIEN

15JUL2009

APVD

W. KODAMA

15JUL2009

PRODUCT SPEC

108-57871

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

TE Connectivity

NAME

PCI EXPRESS CARD EDGE CONNECTOR  
VERTICAL, DIP TYPE, 3GIO

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A3

00779

©-1734774

SCALE

SHEET

1 OF 5

REV

G

AMP 1470-19 REV 31MAR2000

4

3

2

1

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LOC

DIST

REVISIONS

DW

P

LTR

DESCRIPTION

DATE

DWN

APVD

SEE SHEET 1

## NOTES:

## 1. MATERIAL:

1.1 HOUSING: 1.PA46 WITH 40% G.F, UL94 V-0, COLOR: SEE TABLE.

2.PA9T WITH 30% GF, UL94 V-0, COLOR: SEE TABLE.

## 1.2 CONTACT: PHOSPHOR BRONZE

## 2. FINISH:

CONTACT: (SEE TABLE) GOLD PLATING ON CONTACT AREA.

2.54um [100u"] MIN. MATTE-TIN PALTING ON SOLDER TAIL AREA.

1.27um [50u"] MIN. NICKEL UNDERPLATING OVERALL.

## 3. CONNECTOR HAS MET THE REQUIREMENTS

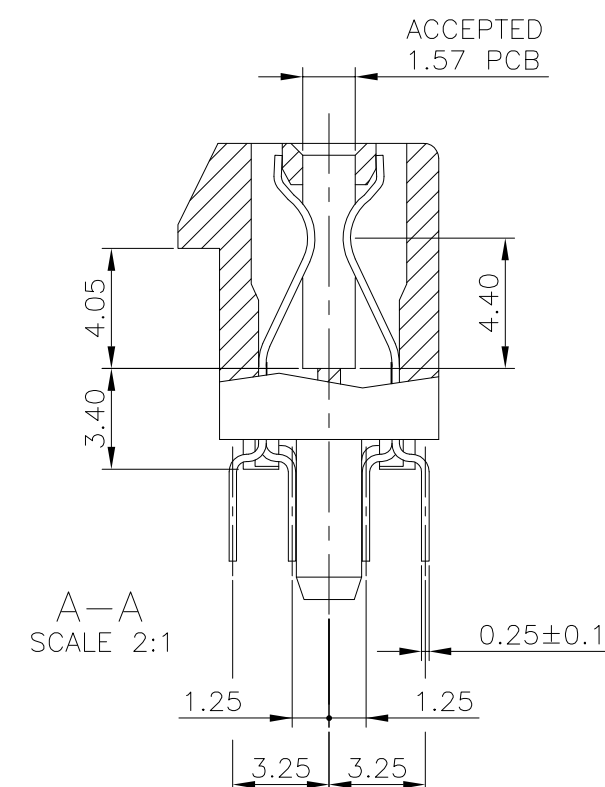
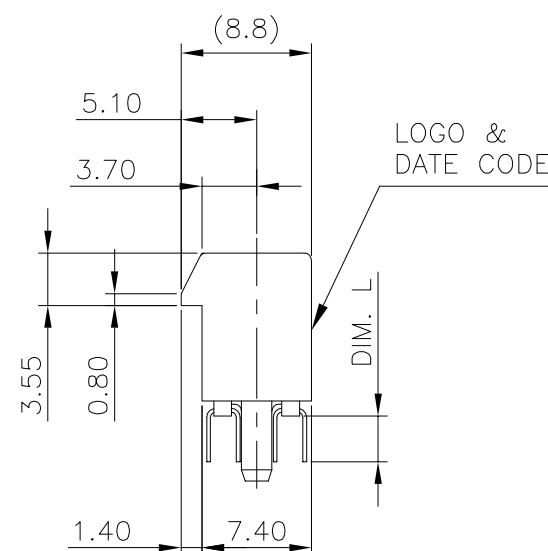
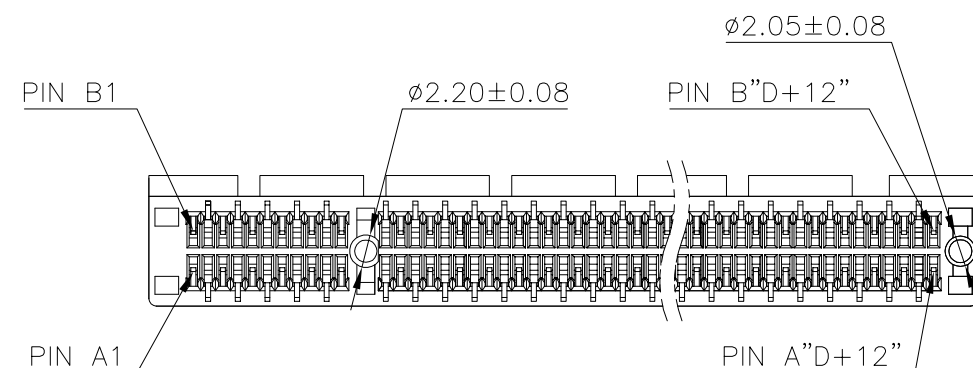
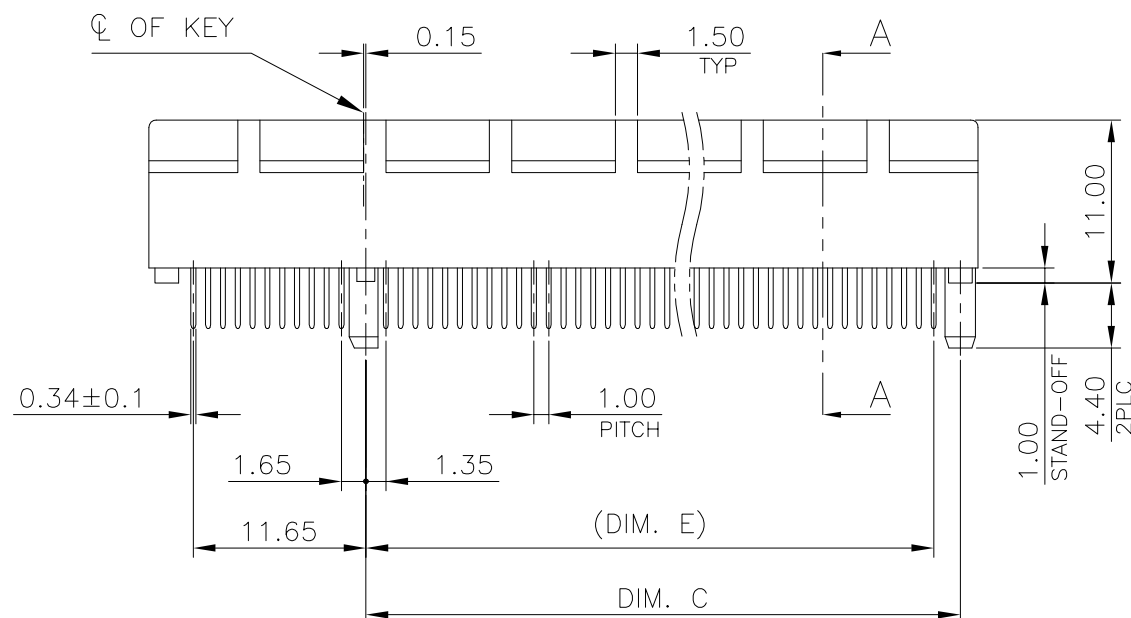
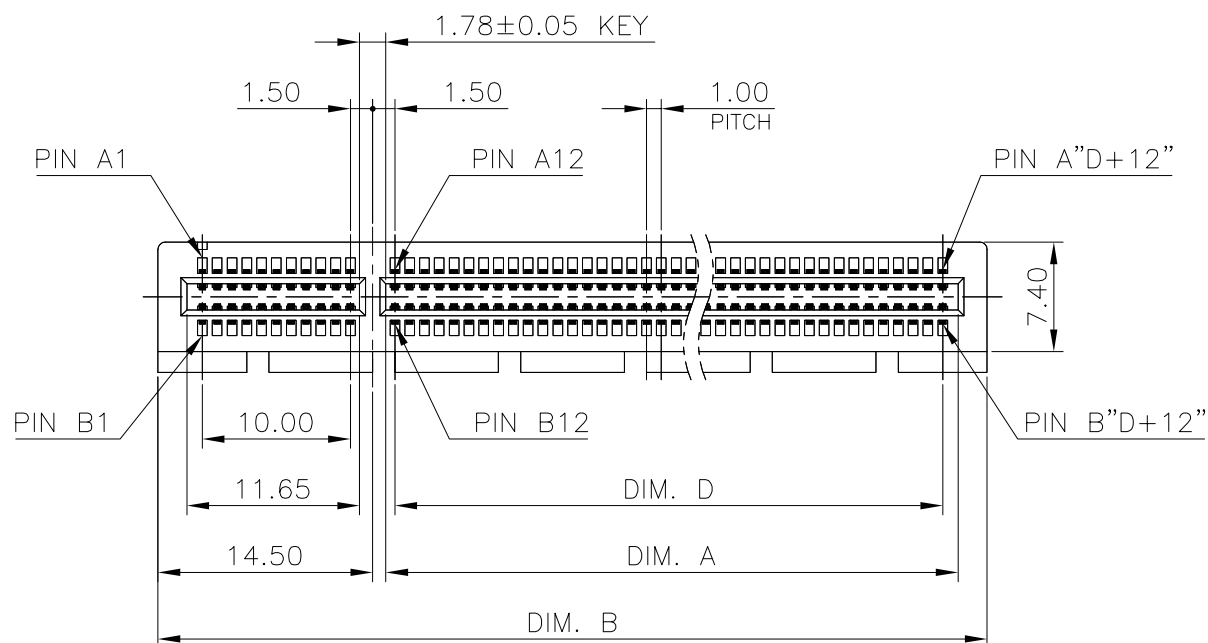
PER PCI EXPRESS GEN 2 TECHNICAL DOCUMENT.

## 4. WEIGHT:

36 POS.: 2.55 GRAMS; 64 POS.: 3.90 GRAMS

98 POS.: 5.50 GRAMS; 164 POS.: 8.80 GRAMS

## 5. WAVE SOLDER CAPABLE TO 265°C PER TEST SPEC. 109-202 CONDITION B.

6. REFLOW SOLDER CAPABLE TO 260°C PER TEST SPEC. 109-201 CONDITION B.  
(REFLOW SOLDERING PLEASE USE PN : 1734774-1 TO 4-1734774-8)

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN

CHK

APVD

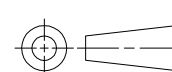
PRODUCT SPEC

APPLICATION SPEC

WEIGHT

SEE NOTE 4

CUSTOMER DRAWING

DIMENSIONS:  
MM

MATERIAL

SEE NOTE

TOLERANCES UNLESS  
OTHERWISE SPECIFIED:0 PLC ± -  
1 PLC ± 0.3  
2 PLC ± 0.2  
3 PLC ± 0.15  
4 PLC ± -  
ANGLES ± 3°

FINISH

SEE NOTE



TE Connectivity

NAME

PCI EXPRESS CARD EDGE CONNECTOR  
VERTICAL, DIP TYPE, 3GIO

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

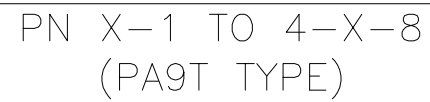
A300779C-1734774

SCALE

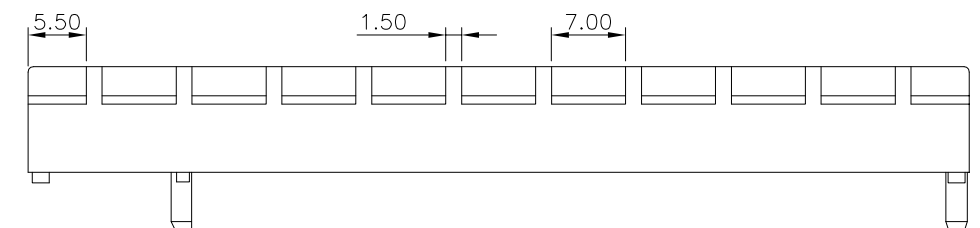
SHEET

2 OF 5

REV G



36 POS.



CUSTOMER DRAWING

|        |            |
|--------|------------|
| 0 PLC  | $\pm -$    |
| 1 PLC  | $\pm 0.25$ |
| 2 PLC  | $\pm 0.25$ |
| 3 PLC  | $\pm 0.25$ |
| 4 PLC  | $\pm -$    |
| ANGLES | $\pm -$    |

MATERIAL

|        |
|--------|
| ANGLES |
| FINISH |

TE Connectivity

PCI EXPRESS CARD EDGE CONNECTOR  
VERTICAL, DIP TYPE, 3GIO

RESTRICTED TO

C-1734774

|     |   |
|-----|---|
| REV | G |
|-----|---|

4

3

2

1

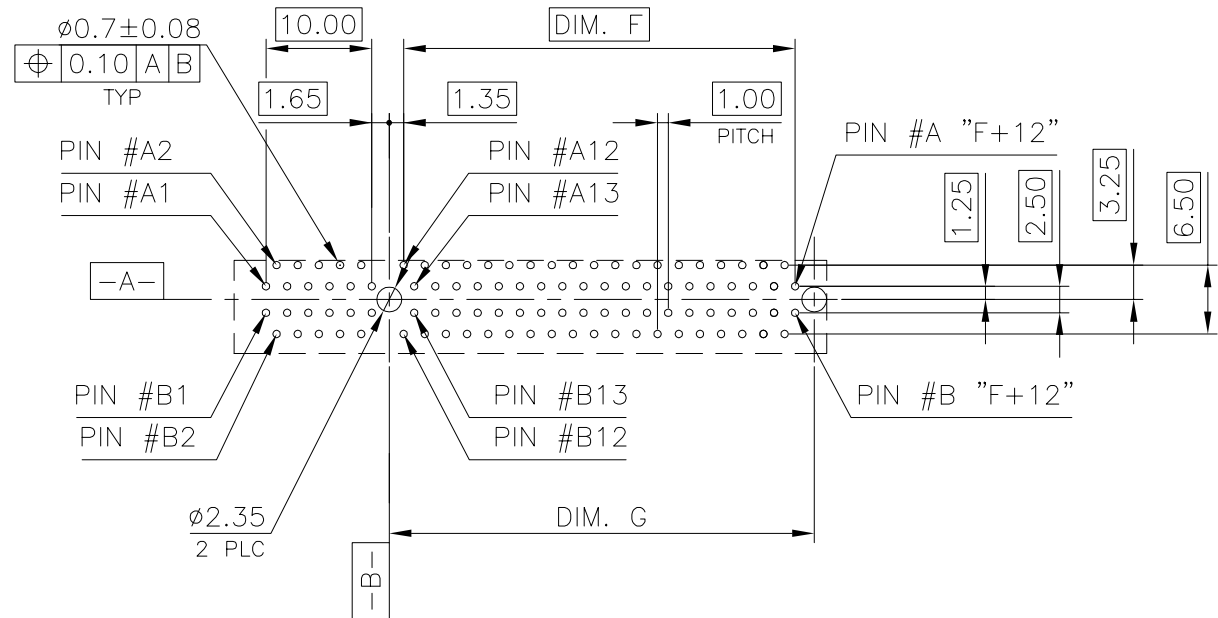
| LOC | DIST | REVISIONS |     |              |      |      |
|-----|------|-----------|-----|--------------|------|------|
| DW  |      | P         | LTR | DESCRIPTION  | DATE | APVD |
|     |      |           |     | SEE SHEET 1. |      |      |
|     |      |           |     |              |      |      |

D

D

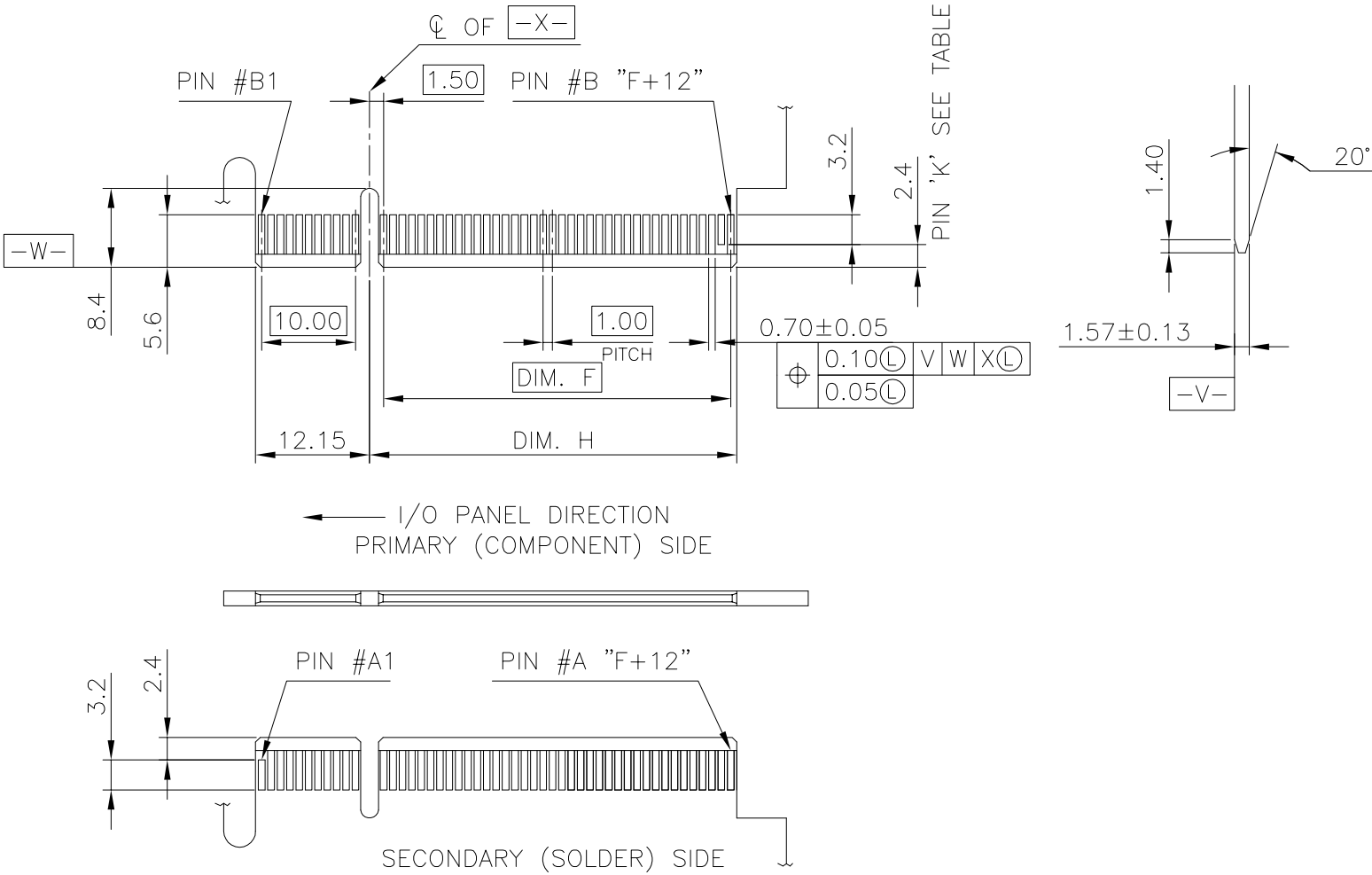
ADD-IN CARD EDGE-FINGER DIMENSIONS

NOTES:  
CHAMFER EDGE MUST BE FREE OF CUTTING BURRS



RECOMMENDED PCB LAYOUT

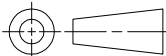
TOLERANCE:  $\pm 0.05$   
FOR DIM.L=3.1mm PCB THICKNESS: 2.4mm  
FOR DIM.L=2.3mm PCB THICKNESS: 1.6mm



|      |        |        |        |                        |
|------|--------|--------|--------|------------------------|
| 164  | 70.0   | 73.15  | 72.15  | A1, B17, B31, B48, B81 |
| 98   | 37.0   | 40.15  | 39.15  | A1, B17, B31, B48      |
| 64   | 20.0   | 23.15  | 22.15  | A1, B17, B31           |
| 36   | 6.0    | 9.15   | 8.15   | A1, B17                |
| POS. | DIM. F | DIM. G | DIM. H | "K"                    |

A

A

|                                                                                       |  |                       |  |                                                                                                       |                    |                         |                    |          |
|---------------------------------------------------------------------------------------|--|-----------------------|--|-------------------------------------------------------------------------------------------------------|--------------------|-------------------------|--------------------|----------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN<br>—              |  |  TE Connectivity |                    |                         |                    |          |
| DIMENSIONS:<br>MM                                                                     |  | CHK<br>—              |  |                                                                                                       |                    |                         |                    |          |
|  |  | APVD<br>—             |  | NAME<br><br>PCI EXPRESS CARD EDGE CONNECTOR<br>VERTICAL, DIP TYPE, 3GIO                               |                    |                         |                    |          |
|                                                                                       |  | PRODUCT SPEC<br>—     |  |                                                                                                       |                    |                         |                    |          |
|                                                                                       |  | APPLICATION SPEC<br>— |  |                                                                                                       |                    |                         |                    |          |
|                                                                                       |  | WEIGHT<br>—           |  |                                                                                                       |                    |                         |                    |          |
| MATERIAL<br>—                                                                         |  | FINISH<br>—           |  | SIZE<br>A3                                                                                            | CAGE CODE<br>00779 | DRAWING NO<br>C-1734774 | RESTRICTED TO<br>— |          |
| CUSTOMER DRAWING                                                                      |  |                       |  |                                                                                                       |                    | SCALE<br>—              | SHEET<br>4 OF 5    | REV<br>G |

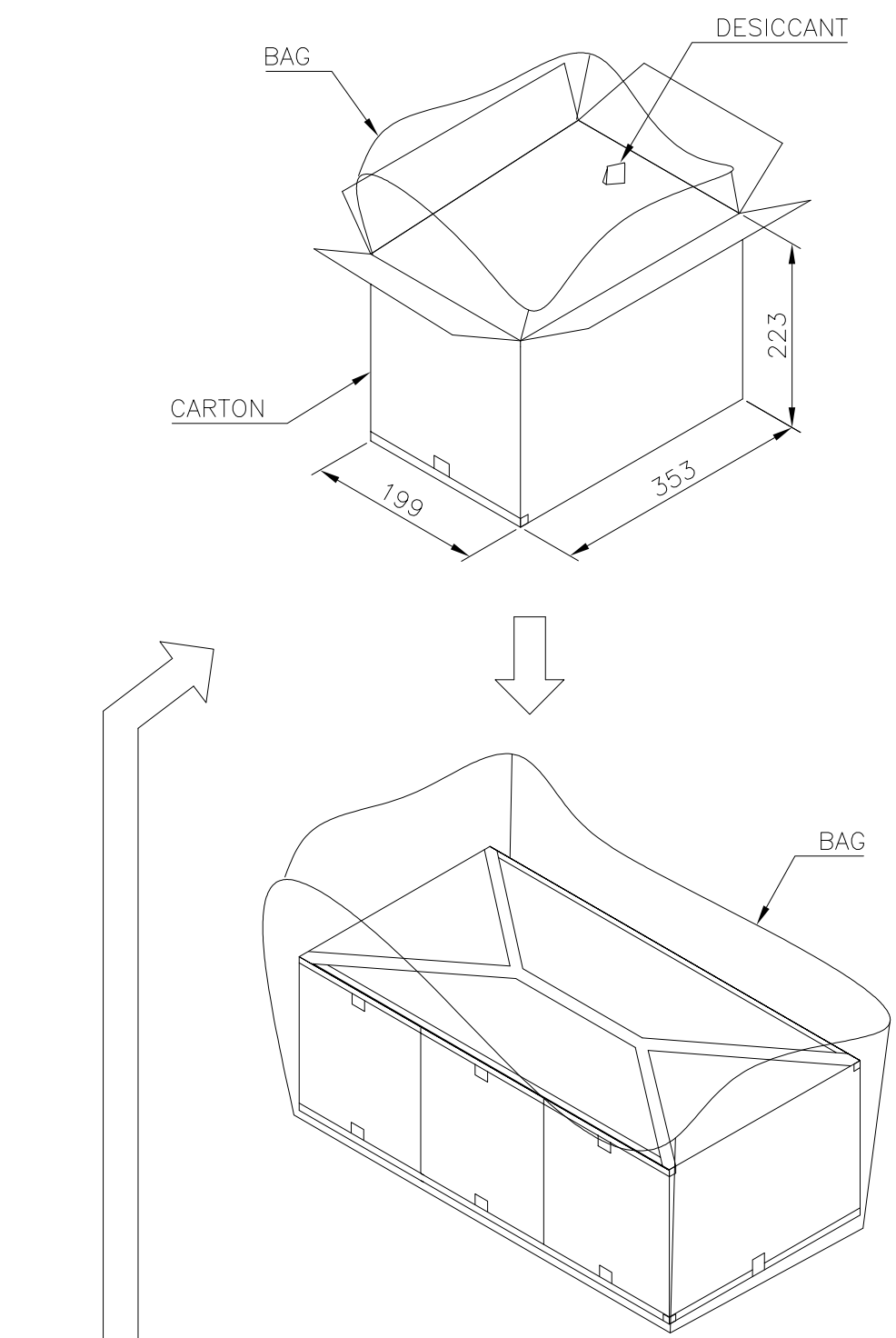
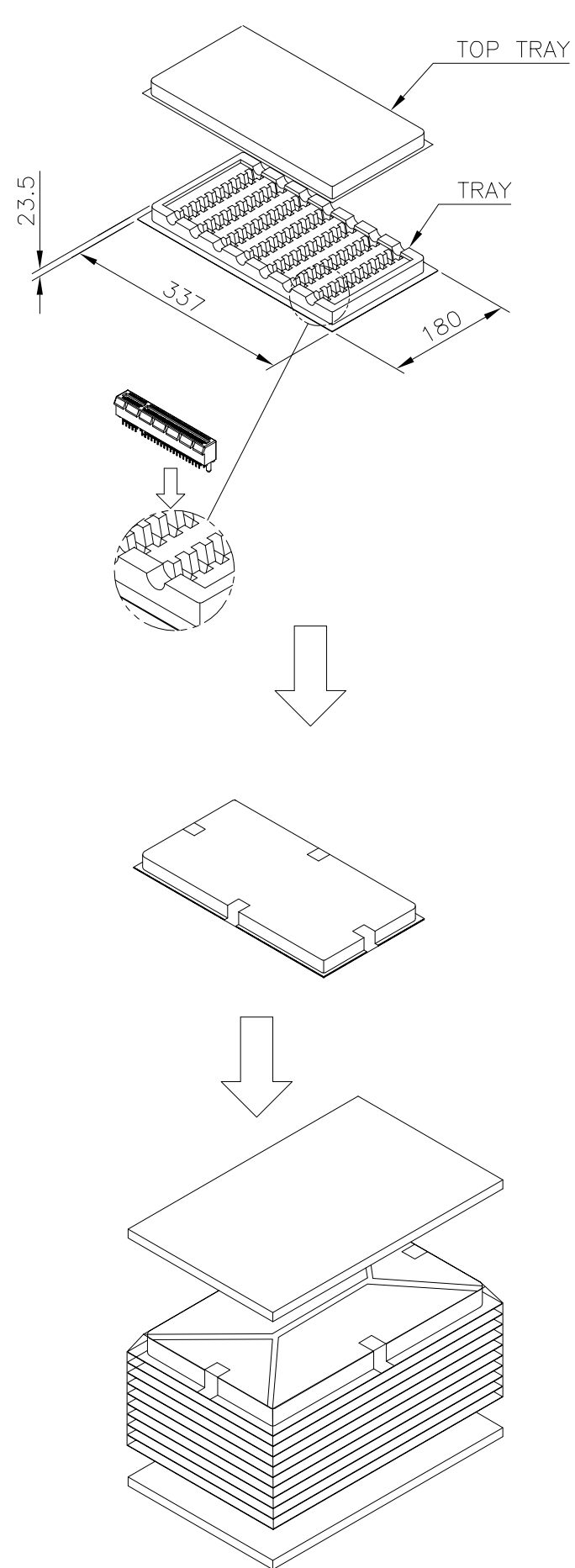
4

3

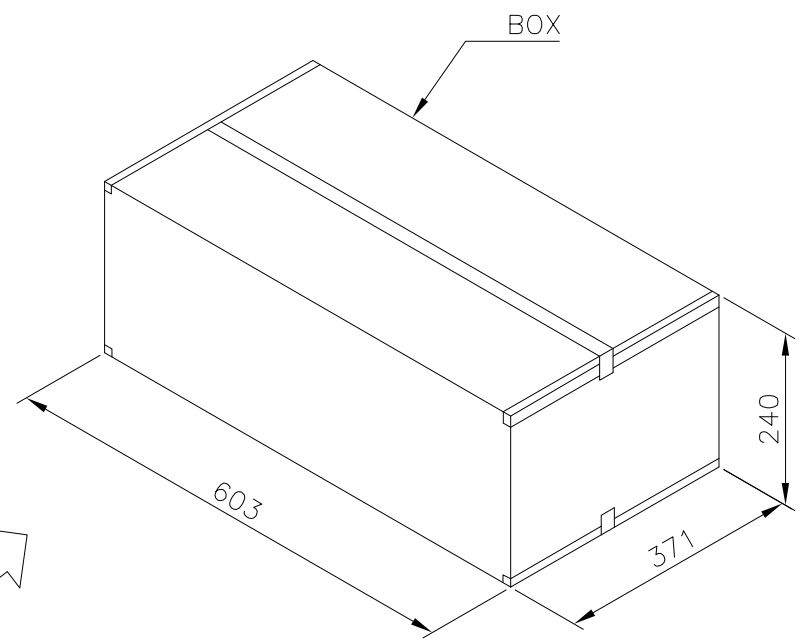
2

1

| LOC | DIST | REVISIONS |     |              |      |          |
|-----|------|-----------|-----|--------------|------|----------|
| DW  |      | P         | LTR | DESCRIPTION  | DATE | DWN APVD |
|     |      |           |     | SEE SHEET 1. |      |          |



- 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



|              |            |           |              |             |          |      |
|--------------|------------|-----------|--------------|-------------|----------|------|
| 10.2 Kg      | 8.2 Kg     | 30        | 10           | 3           | 900      | 164  |
| 9.0 Kg       | 7.0 Kg     | 40        | 10           | 3           | 1200     | 98   |
| 8.5 Kg       | 6.5 Kg     | 60        | 10           | 3           | 1800     | 64   |
| 7.6 Kg       | 5.6 Kg     | 70        | 10           | 3           | 2100     | 36   |
| GROSS WEIGHT | NET WEIGHT | PCS/ TRAY | TRAY/ CARTON | CARTON/ BOX | PCS/ BOX | POS. |

D

D

C

C

B

B

A

A

## 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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