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FEB ,2003.



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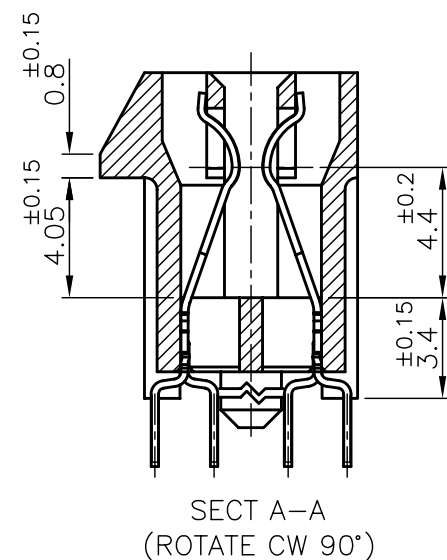
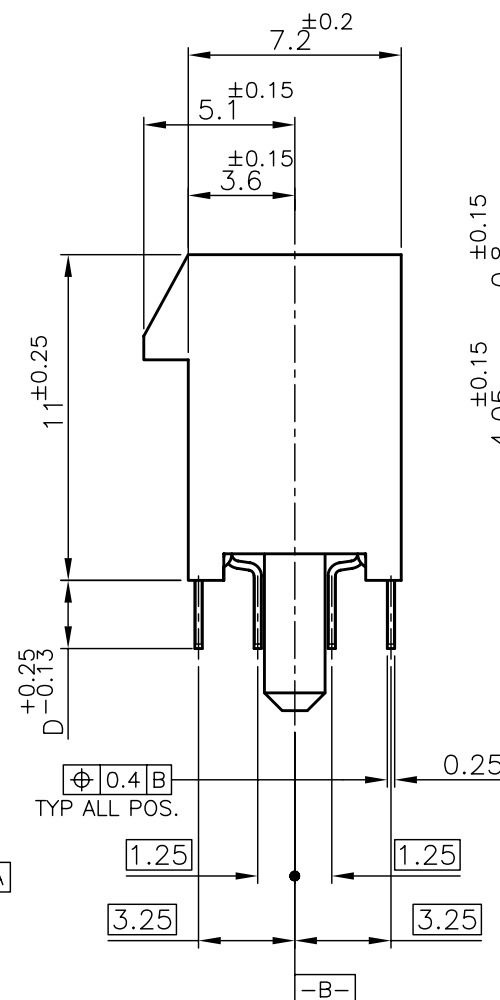
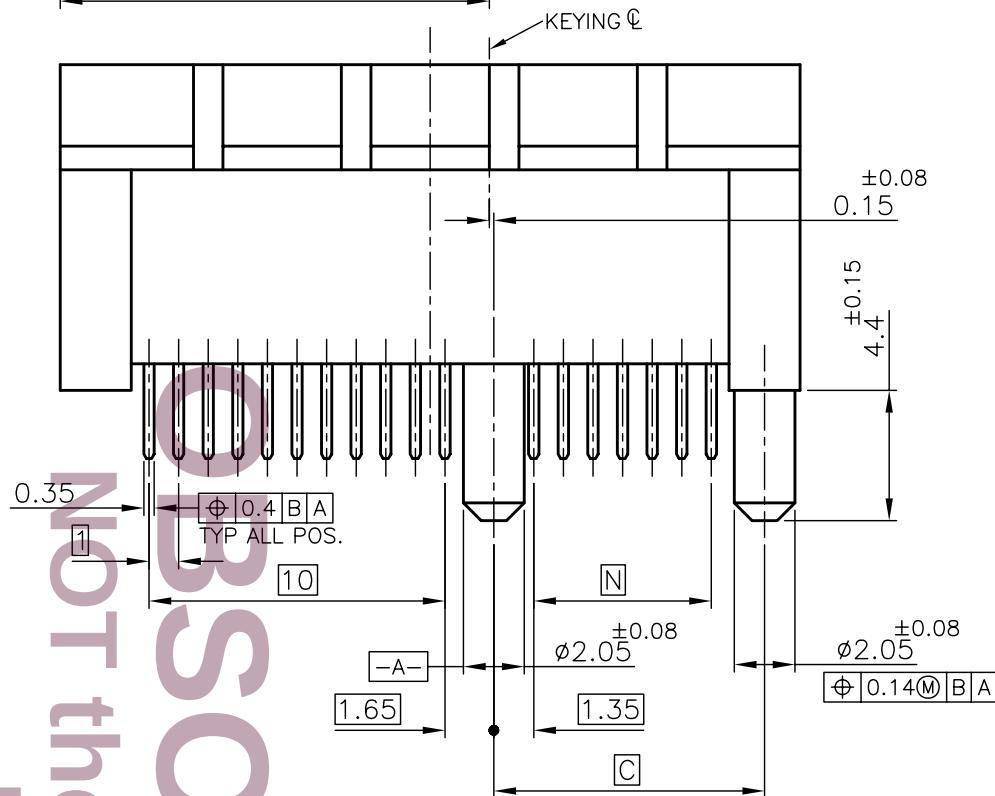
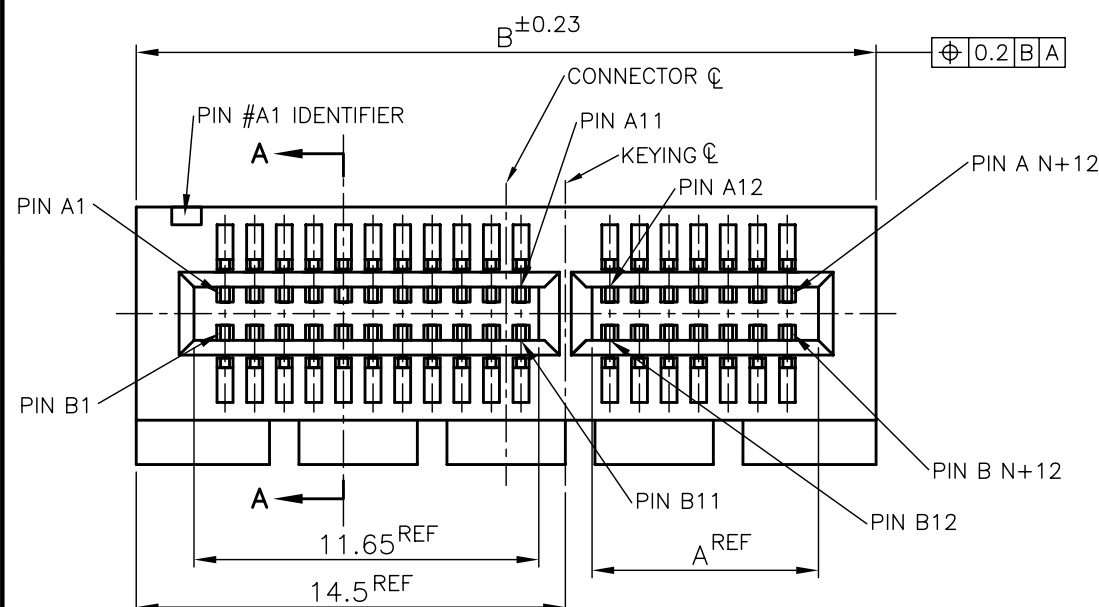
LOC

DIST

## REVISIONS

| P | LTR | DESCRIPTION             | DATE    | DWN | APVD |
|---|-----|-------------------------|---------|-----|------|
|   | K   | REVISED (ECR-08-027874) | 04NOV08 | B.W | W.K  |

- 1 MATERIAL;  
HOUSING: HIGH TEMPERATURE THERMO PLASTIC  
UL94V-0, COLOR; BLACK  
CONTACT: COPPER ALLOY
- 2 FINISH;  
CONTACT AREA: GOLD PL.0.05 $\mu$ m MIN OVER NICKEL PL.  
TINE AREA: MATTE TIN PL. OVER NICKEL PL.
- 3 FINISH;  
CONTACT AREA: GOLD PL.0.38 $\mu$ m MIN OVER NICKEL PL.  
TINE AREA: MATTE TIN PL. OVER NICKEL PL.
- 4 FINISH;  
CONTACT AREA: GOLD PL.0.76 $\mu$ m MIN OVER NICKEL PL.  
TINE AREA: MATTE TIN PL. OVER NICKEL PL.
5. CONNECTOR HAS MET THE REQUIREMENTS PER PCI  
EXPRESS GEN 2 TECHNICAL DOCUMENT.

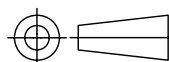
SECT A-A  
(ROTATE CW 90°)

|                |        |    |      |       |    |       |      |      |             |   |           |
|----------------|--------|----|------|-------|----|-------|------|------|-------------|---|-----------|
| PRODUCING      | ↑      | 70 | ↑    | 73.15 | 89 | 71.65 | 164  | 16   | 8-          | ↑ | -4        |
| PRODUCING      |        | 37 |      | 40.15 | 56 | 38.65 | 98   | 8    | 8-          |   | -3        |
| PRODUCING      |        | 20 |      | 23.15 | 39 | 21.65 | 64   | 4    | 8-          |   | -2        |
| PRODUCING      | △      | 6  |      | 9.15  | 25 | 7.65  | 36   | 1    | 8-1612163-1 |   |           |
| PRODUCING      | ↑      | 70 |      | 73.15 | 89 | 71.65 | 164  | 16   | 6-          | ↑ | -4        |
| PRODUCING      |        | 37 |      | 40.15 | 56 | 38.65 | 98   | 8    | 6-          |   | -3        |
| PRODUCING      |        | 20 |      | 23.15 | 39 | 21.65 | 64   | 4    | 6-          |   | -2        |
| PRODUCING      | △      | 6  | 3.56 | 9.15  | 25 | 7.65  | 36   | 1    | 6-1612163-1 |   |           |
| PRODUCING      | ↑      | 70 |      | 73.15 | 89 | 71.65 | 164  | 16   | 5-          | ↑ | -4        |
| PRODUCING      |        | 37 |      | 40.15 | 56 | 38.65 | 98   | 8    | 5-          |   | -3        |
| PRODUCING      |        | 20 |      | 23.15 | 39 | 21.65 | 64   | 4    | 5-          |   | -2        |
| PRODUCING      |        | 6  | 3.1  | 9.15  | 25 | 7.65  | 36   | 1    | 5-1612163-1 |   |           |
| PRODUCING      |        | 70 |      | 73.15 | 89 | 71.65 | 164  | 16   | 4-          | ↑ | -4        |
| PRODUCING      |        | 37 |      | 40.15 | 56 | 38.65 | 98   | 8    | 4-          |   | -3        |
| PRODUCING      |        | 20 |      | 23.15 | 39 | 21.65 | 64   | 4    | 4-          |   | -2        |
| PRODUCING      | △      | 6  | 2.3  | 9.15  | 25 | 7.65  | 36   | 1    | 4-1612163-1 |   |           |
| PRODUCING      | ↑      | 70 |      | 73.15 | 89 | 71.65 | 164  | 16   | 3-          | ↑ | -4        |
| PRODUCING      |        | 37 |      | 40.15 | 56 | 38.65 | 98   | 8    | 3-          |   | -3        |
| PRODUCING      |        | 20 |      | 23.15 | 39 | 21.65 | 64   | 4    | 3-          |   | -2        |
| PRODUCING      |        | 6  | 3.1  | 9.15  | 25 | 7.65  | 36   | 1    | 3-1612163-1 |   |           |
| PRODUCING      |        | 70 |      | 73.15 | 89 | 71.65 | 164  | 16   | 2-          | ↑ | -4        |
| PRODUCING      |        | 37 |      | 40.15 | 56 | 38.65 | 98   | 8    | 2-          |   | -3        |
| PRODUCING      |        | 20 |      | 23.15 | 39 | 21.65 | 64   | 4    | 2-          |   | -2        |
| PRODUCING      | △      | 6  | 2.3  | 9.15  | 25 | 7.65  | 36   | 1    | 2-1612163-1 |   |           |
| PRODUCING      | ↑      | 70 |      | 73.15 | 89 | 71.65 | 164  | 16   | 1-          | ↑ | -4        |
| PRODUCING      |        | 37 |      | 40.15 | 56 | 38.65 | 98   | 8    | 1-          |   | -3        |
| PRODUCING      |        | 20 |      | 23.15 | 39 | 21.65 | 64   | 4    | 1-          |   | -2        |
| PRODUCING      |        | 6  | 3.1  | 9.15  | 25 | 7.65  | 36   | 1    | 1-1612163-1 |   |           |
| PRODUCING      |        | 70 |      | 73.15 | 89 | 71.65 | 164  | 16   |             | ↑ | -4        |
| PRODUCING      |        | 37 |      | 40.15 | 56 | 38.65 | 98   | 8    |             |   | -3        |
| PRODUCING      |        | 20 |      | 23.15 | 39 | 21.65 | 64   | 4    |             |   | -2        |
| PRODUCING      | △      | 6  | 2.3  | 9.15  | 25 | 7.65  | 36   | 1    |             |   | 1612163-1 |
| TOOLING STATUS | FINISH | N  | D    | C     | B  | A     | POS. | PORT |             |   | P/N       |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

MM

TOLERANCES UNLESS  
OTHERWISE SPECIFIED:

|        |   |      |
|--------|---|------|
| 0-PLC  | ± | ±0.3 |
| 1-PLC  | ± | ±2   |
| 2-PLC  | ± |      |
| 3-PLC  | ± |      |
| 4-PLC  | ± |      |
| ANGLES | ± |      |

MATERIAL



FINISH

SEE TABLE

DWN K.KOBAYASHI 20FEB03

CHK H.SHIRAI 21FEB03

APVD Y.YAMAMOTO 21FEB03

PRODUCT SPEC

108-5847

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

Tyco Electronics Corporation  
Taipei, Taiwan

NAME

PCI EXPRESS CARD EDGE CONN.  
V-TYPE

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A3

00779

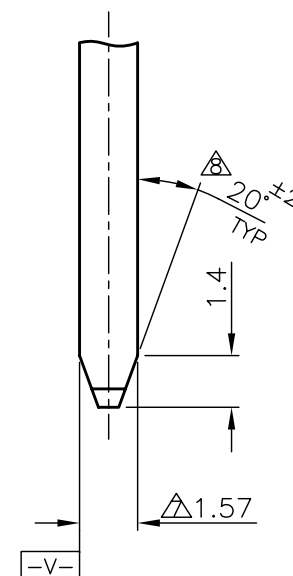
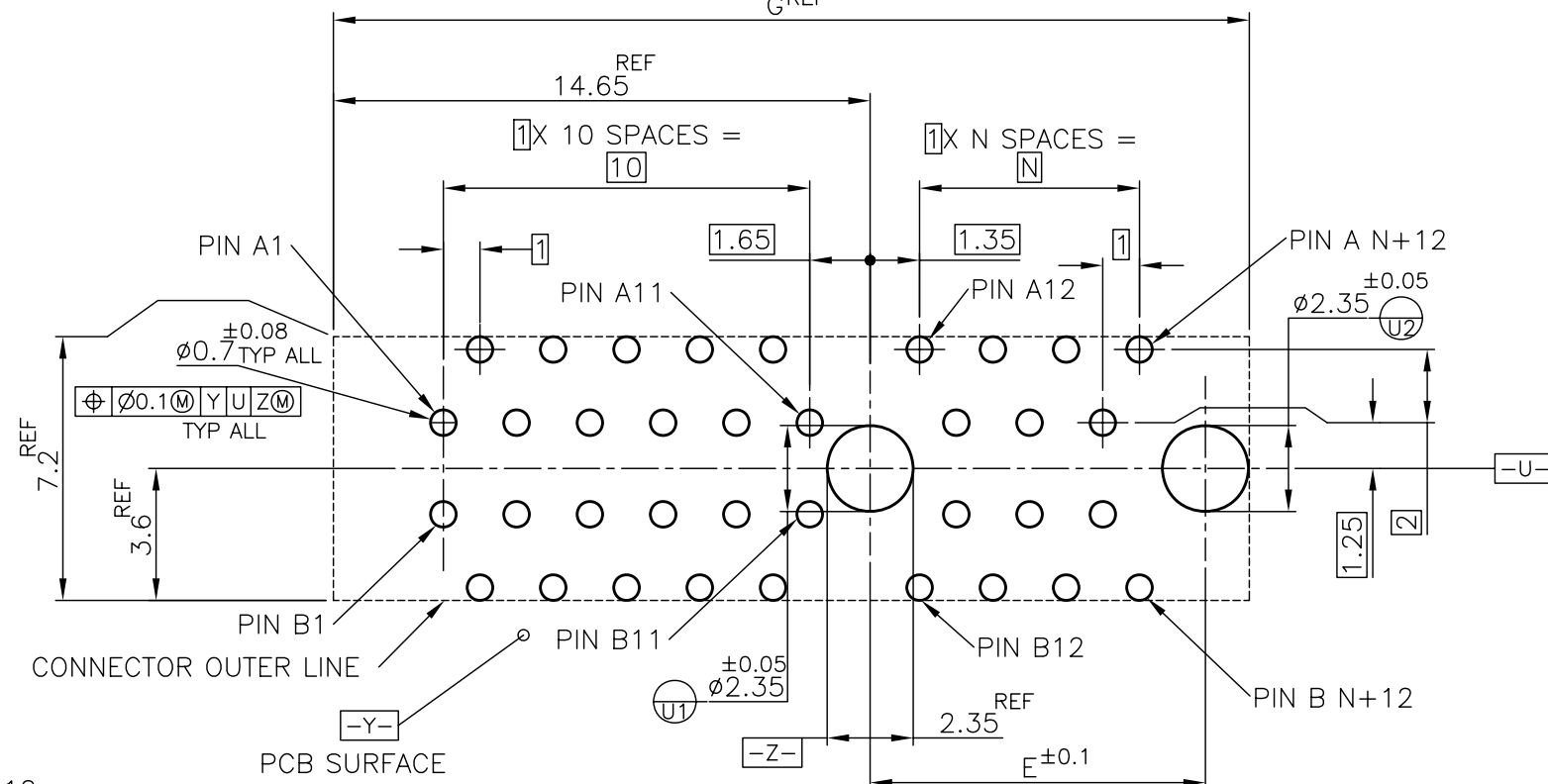
C-1612163

SCALE 4:1

SHEET

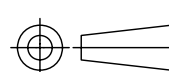
1 OF 2

REV K

 $G^{\text{REF}}$ 

|                    |    |       |       |    |      |      |
|--------------------|----|-------|-------|----|------|------|
| A1,B17,B31,B48,B81 | 89 | 72.15 | 73.15 | 70 | 164  | 16   |
| A1,B17,B31,B48     | 56 | 39.15 | 40.15 | 37 | 98   | 8    |
| A1,B17,B31         | 39 | 22.15 | 23.15 | 20 | 64   | 4    |
| A1,B17             | 25 | 8.15  | 9.15  | 6  | 36   | 1    |
| PRSENT PIN         | G  | F     | E     | N  | POS. | PORT |

DIMENSIONS:  
MM



TOLERANCES UNLESS  
OTHERWISE SPECIFIED:

|        |     |       |
|--------|-----|-------|
| 0 PLC  | ± — | ±0.13 |
| 1 PLC  | ± — | ±1    |
| 2 PLC  | ± — |       |
| 3 PLC  | ± — |       |
| 4 PLC  | ± — |       |
| ANGLES | ± — |       |
| FINISH |     |       |

|  | MATERIAL |
|--|----------|
|--|----------|

FINISH

CUSTOMER DRAWING



Tyco Electronics Corporation  
Taipei, Taiwan

PCI EXPRESS CARD EDGE CONN.  
V-TYPE

A3

00779

©-1612163

SCALE 5:1

|       |   |    |
|-------|---|----|
| SHEET | 2 | OF |
|-------|---|----|

|   |     |   |
|---|-----|---|
| 2 | REV | K |
|---|-----|---|

# Mouser Electronics

Authorized Distributor

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[3-1612163-1](#)