

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0877159009

Status:

Active

Overview:

Description:

1.00mm (.039") Pitch, PCI Express\* Connector, 36 Circuits, Nylon 4/6 Glass-filled, Black Housing, Phosphor Bronze, 0.76µm (30µ") Gold (Au) Plating, with Plastic Pegs, 3.00mm (.118") Solder tail, Lead Free

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

Edge Card Connectors

Series

87715

Comments

PCI 1 lane

Component Type

Edgecard to PCB

Overview

pci\_express\_card\_edge\_connector

Product Name

PCI Express\*

Physical

Circuits (Loaded)

36

Circuits (maximum)

36

Circuits Detail

All Signal

Color - Resin

Black

Durability (mating cycles max)

50

Entry Angle

Vertical (Top Entry)

Flammability

94V-0

Keying to Mating Part

Yes

Material - Metal

Phosphor Bronze

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Material - Resin

High Temperature Thermoplastic

PC Tail Length (in)

0.118 In

PC Tail Length (mm)

3.00 mm

PCB Locator

Yes

PCB Retention

Yes

PCB Thickness Recommended (in)

0.093 In

PCB Thickness Recommended (mm)

2.36 mm

Packaging Type

Tray

Pitch - Mating Interface (in)

0.039 In

Pitch - Mating Interface (mm)

1.00 mm

Pitch - Term. Interface (in)

0.039 In

Pitch - Term. Interface (mm)

1.00 mm

Plating min: Mating (µin)

30

Plating min: Mating (µm)

0.75

Plating min: Termination (µin)

100

Plating min: Termination (µm)

2.5

Polarized to Mating Part

Yes

Temperature Range - Operating

-55°C to +85°C

Termination Interface: Style

Through Hole

Electrical

Current - Maximum per Contact

1.1A

Voltage - Maximum

50V AC (RMS)/DC

Material Info

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

China RoHS



Need more information on product environmental compliance?

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series  
87715Series

Mates With  
PCI Express Card

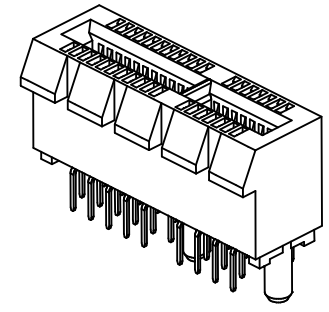
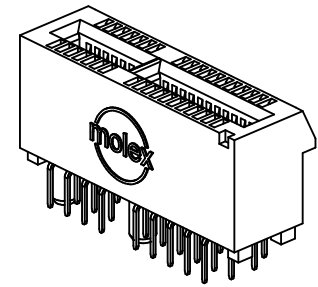
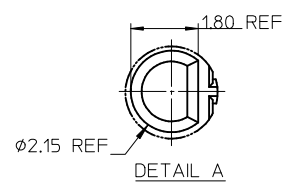
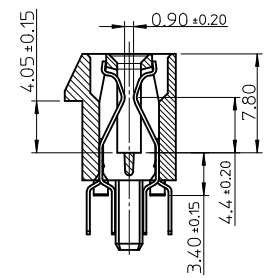
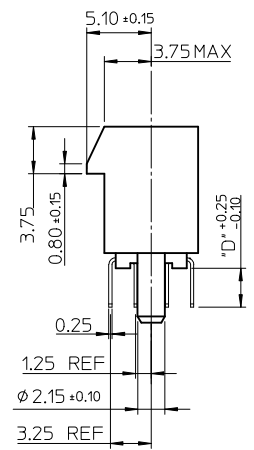
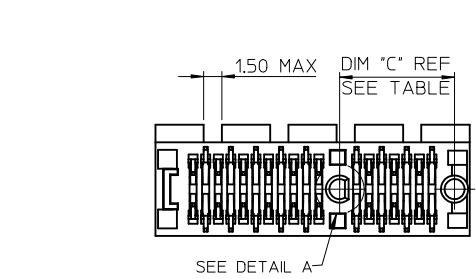
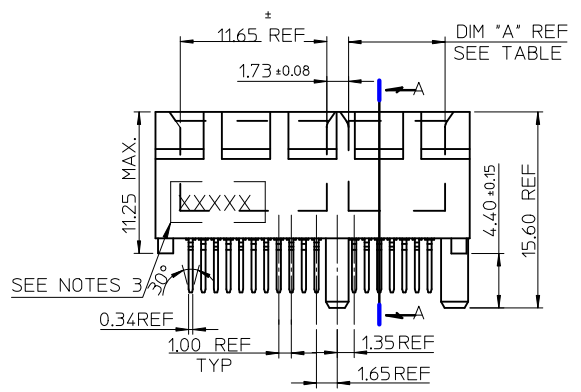
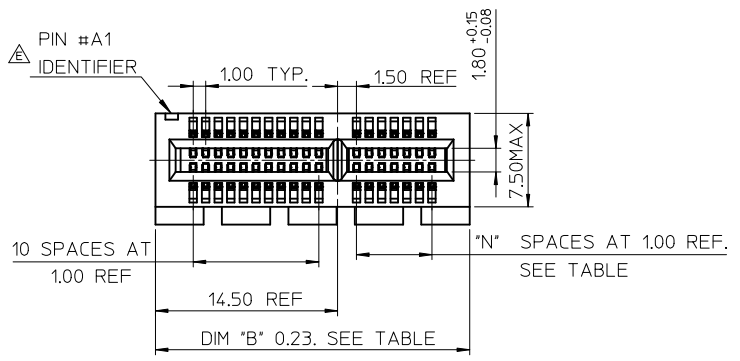
**Reference - Drawing Numbers**

|                         |                            |
|-------------------------|----------------------------|
| Packaging Specification | PK-87715-001, PK-87715-207 |
| Product Specification   | PS-87715-200               |
| Sales Drawing           | SD-87715-207, SD-87715-901 |
| Test Summary            | TS-87715-207               |

\* PCI Express is a registered trademark of PCI-SIG®

This document was generated on 06/04/2010

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- NOTES:
- 1.MATERIALS:
- 1-1.HOUSING: SEE TABLE ,GLASS FIBER FILLED UL94V-0, COLOR: SEE TABLE.
- 1-2.CONTACT: SEE TABLE
- 2.PLATING:
- 2-1.CONTACT AREA: GOLD, THICKNESS : SEE TABLE .
- 2-2.SOLDER TAIL: 100 MICRINCH MIN. TIN PLATING.
- 2-3.UNDER PLATING: NICKEL PLATING OVERALL.
- 3.WEEK CODE: XX(YEAR) XX(WEEK) X(LOCATION).
- 4.PRODUCT SPECIFICATION REFER TO PS-87715-200.
- 5.PACKAGING SPECIFICATION REFER TO PK-87715-207.
- 6.TEST SUMMARY:REFER TO TS-87715-207.
- 7.LEAD FREE AND ROHS COMPLIANCE PRODUCT.

| CONNECTOR LINK WIDTH | # POS REF | N  | DIM 'A' | DIM 'B' | DIM 'C' |
|----------------------|-----------|----|---------|---------|---------|
| X4                   | 64        | 20 | 21.65   | 39.00   | 23.15   |
| X8                   | 98        | 37 | 38.65   | 56.00   | 40.15   |

| PCB THK (REF) | DIM 'D' |
|---------------|---------|
| 1.60          | 2.30    |
| 1.58          | 2.54    |
| 2.36          | 3.00    |

|                                                                                      |                    |                                      |                                       |       |                                                                                                                                  |                    |                                                                                     |                        |                        |  |  |
|--------------------------------------------------------------------------------------|--------------------|--------------------------------------|---------------------------------------|-------|----------------------------------------------------------------------------------------------------------------------------------|--------------------|-------------------------------------------------------------------------------------|------------------------|------------------------|--|--|
| REVISED<br>EC NO: SH2010-0425<br>G<br>DRWNR:ZHANG<br>CHKD:ALLEN LIN<br>APPR:X.J.SONG | DESCRIPTION<br>REV | QUALITY SYMBOLS<br>F=0<br>F=0<br>F=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) |       | DIMENSION STYLE<br>MM ONLY                                                                                                       |                    | SCALE                                                                               | DESIGN UNITS<br>METRIC | THIRD ANGLE PROJECTION |  |  |
|                                                                                      |                    |                                      | mm                                    | INCH  | DRAWN BY<br>TOM                                                                                                                  | DATE<br>2004/07/20 | TITLE                                                                               |                        |                        |  |  |
|                                                                                      |                    | 4 PLACES                             | ± ---                                 | ± --- | CHECKED BY<br>ALLEN LIN                                                                                                          | DATE<br>2004/07/20 | PCI EXPRESS<br>EDGE CARD CONNECTOR<br>(LEAD FREE VERSION)<br><br>MOLEX INCORPORATED |                        |                        |  |  |
|                                                                                      |                    | 3 PLACES                             | ± ---                                 | ± --- | APPROVED BY<br>WILSON                                                                                                            | DATE<br>2004/07/20 |                                                                                     |                        |                        |  |  |
|                                                                                      |                    | 2 PLACES                             | ± 0.25                                | ± --- | MATERIAL NO.                                                                                                                     |                    | DOCUMENT NO.                                                                        | SHEET NO.              |                        |  |  |
| 1 PLACE                                                                              | ± 0.25             | ± ---                                | ANGULAR ± 3 °                         |       | SEE SHEET 4                                                                                                                      |                    | SD-87715-207                                                                        |                        | 1 OF 4                 |  |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                           |                    |                                      | SIZE<br>A3                            |       | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                    |                                                                                     |                        |                        |  |  |

10 9 8 7 6 5 4 3 2 1

F

E

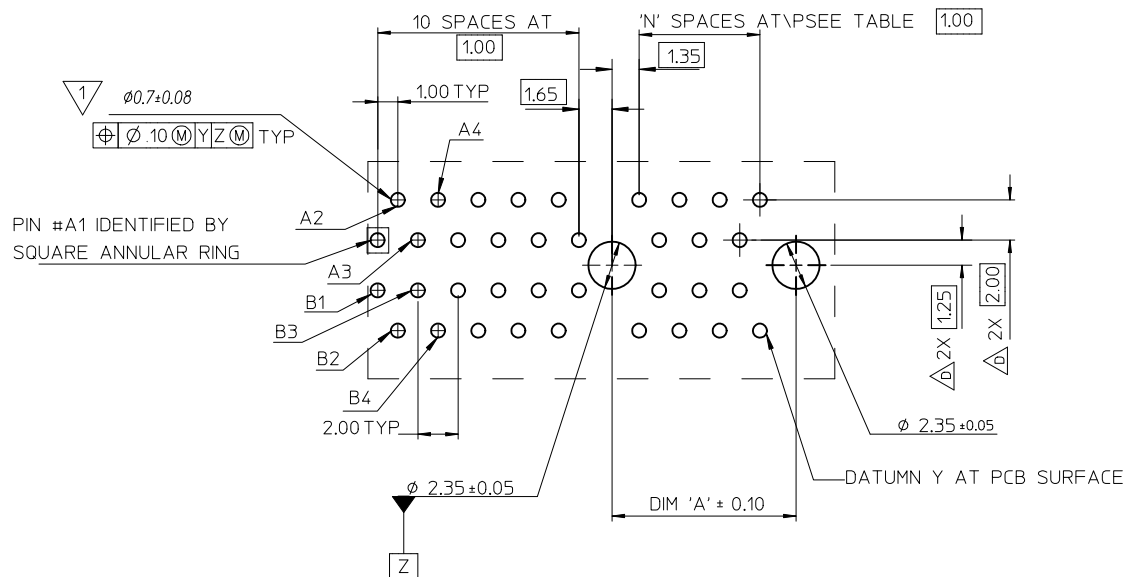
D

C

B

A

1 THE HORIZONTAL AXIS FOR THE HOLE PATTERN IS ESTABLISHED BY A LINE THROUGH THE CENTER OF THE TWO  $\phi 2.35$  HOLES. THE VERTICAL AXIS IS 90° TO THE HORIZONTAL AXIS, THROUGH THE CENTER OF DATUM Z



| CONNECTOR LINK WIDTH | # POS REF | N  | DIM 'A' |
|----------------------|-----------|----|---------|
| X4                   | 64        | 20 | 23.15   |
| X8                   | 98        | 37 | 40.15   |

|                                                                                                        |                                                  |                                       |  |                                                      |            |                                                                                                                               |                        |                        |
|--------------------------------------------------------------------------------------------------------|--------------------------------------------------|---------------------------------------|--|------------------------------------------------------|------------|-------------------------------------------------------------------------------------------------------------------------------|------------------------|------------------------|
| SEE SHEET 1<br>EC NO: SH2010-0425<br>DRAWN BY: DRWNRZHANG<br>CHKD: ALLEN LIN<br>APPR: XJSONG<br>REV: G | QUALITY SYMBOLS<br>$F_A=0$<br>$F_G=0$<br>$F_P=0$ | GENERAL TOLERANCES (UNLESS SPECIFIED) |  | DIMENSION STYLE<br>MM ONLY                           |            | SCALE                                                                                                                         | DESIGN UNITS<br>METRIC | THIRD ANGLE PROJECTION |
|                                                                                                        |                                                  |                                       |  | mm                                                   | INCH       | DRAWN BY<br>TOM                                                                                                               | DATE<br>2004/07/20     |                        |
|                                                                                                        |                                                  |                                       |  | 4 PLACES                                             | $\pm$ ---  | CHECKED BY<br>ALLEN LIN                                                                                                       | DATE<br>2004/07/20     |                        |
|                                                                                                        |                                                  |                                       |  | 3 PLACES                                             | $\pm$ ---  | APPROVED BY<br>WILSON                                                                                                         | DATE<br>2004/07/20     |                        |
|                                                                                                        |                                                  |                                       |  | 2 PLACES                                             | $\pm 0.25$ | MATERIAL NO.                                                                                                                  |                        |                        |
|                                                                                                        |                                                  |                                       |  | 1 PLACE                                              | $\pm 0.25$ | SEE SHEET 4                                                                                                                   |                        |                        |
|                                                                                                        |                                                  |                                       |  | ANGULAR $\pm 3^\circ$                                |            | DOCUMENT NO.                                                                                                                  |                        |                        |
|                                                                                                        |                                                  |                                       |  | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |            | SD-87715-207                                                                                                                  |                        |                        |
|                                                                                                        |                                                  |                                       |  | SIZE A3                                              |            | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                        |                        |

10 9 8 7 6 5 4 3 2 1

F

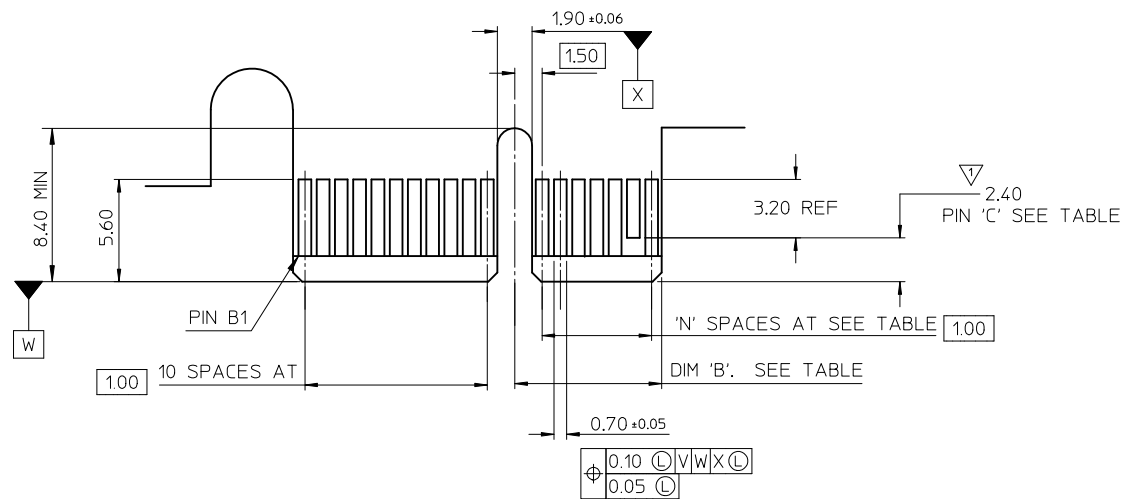
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D

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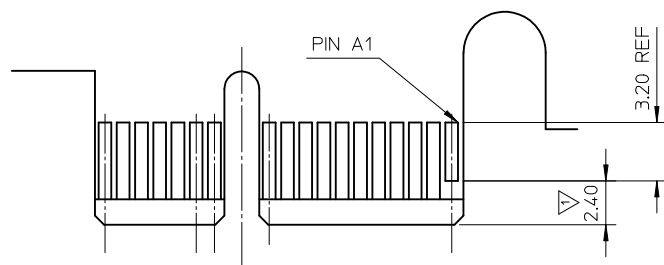
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A

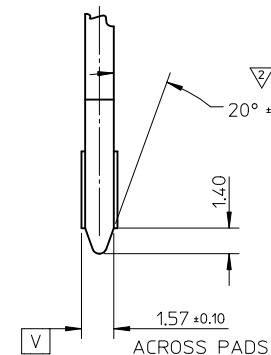


I/O PANEL DIRECTION ←

PRIMARY (COMPONENT) SIDE



SECONDARY (SOLDER) SIDE



- 1 NO TIE BAR PERMITTED FROM CARD EDGE TO LEADING EDGE OF PAD FOR PINS A1 AND "C".
- 2 CHAMFER EDGES MUST BE FREE OF CUTTING BURRS.
3. TOLERANCE: .XX±.13

| CONNECTOR LINK WIDTH | # POS REF | N  | DIM 'B' | 'C'             |
|----------------------|-----------|----|---------|-----------------|
| X4                   | 64        | 20 | 22.15   | B17, B31        |
| X8                   | 98        | 37 | 39.15   | B17, B31<br>B48 |

|                                                                                                                        |     |             |                                   |                                                                                                                                                                    |                                                                                                                                                                                  |                                                                                                                                   |                                                  |                     |
|------------------------------------------------------------------------------------------------------------------------|-----|-------------|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|---------------------|
| SEE SHEET 1<br>EC NO: SH2010-0425<br>DRAWN: ZHANG 2010/05/14<br>CHKD: ALLEN LIN 2004/07/20<br>APPR: XJ SONG 2010/06/03 | REV | DESCRIPTION | QUALITY SYMBOLS<br>=0<br>=0<br>=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)<br>mm INCH<br>4 PLACES ± --- ± ---<br>3 PLACES ± --- ± ---<br>2 PLACES ± 0.25 ± ---<br>1 PLACE ± 0.25 ± ---<br>ANGULAR ± 3 ° | DIMENSION STYLE<br>MM ONLY<br>DRAWN BY DATE<br>TOM 2004/07/20<br>CHECKED BY DATE<br>ALLEN LIN 2004/07/20<br>APPROVED BY DATE<br>WILSON 2004/07/20<br>MATERIAL NO.<br>SEE SHEET 4 | SCALE<br>TITLE<br>PCI EXPRESS<br>EDGE CARD CONNECTOR<br>(LEAD FREE VERSION)<br>MOLEX INCORPORATED<br>DOCUMENT NO.<br>SD-87715-207 | DESIGN UNITS<br>METRIC<br>THIRD ANGLE PROJECTION | SHEET NO.<br>3 OF 4 |
|                                                                                                                        |     |             |                                   |                                                                                                                                                                    |                                                                                                                                                                                  |                                                                                                                                   |                                                  |                     |

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F

E

D

C

B

A

| MOLEX P/N  | CIRCUIT SIZE | HOUSING MATERIAL | HOUSING COLOR | TERMINAL MATERIAL | CONTACT PLATING | SOLDER TAIL 'D' LENGTH |
|------------|--------------|------------------|---------------|-------------------|-----------------|------------------------|
| 87715-9100 | 64           | NYLON46          | BLACK         | PHOSPHOR BRONZE   | GOLD FLASH      | 2.54                   |
| 87715-9101 |              |                  |               |                   | 10 MICROINCH    |                        |
| 87715-9102 |              |                  |               |                   | 15 MICROINCH    |                        |
| 87715-9103 |              |                  |               |                   | GOLD FLASH      | 3.00                   |
| 87715-9104 |              |                  |               |                   | 10 MICROINCH    |                        |
| 87715-9105 |              |                  |               |                   | 15 MICROINCH    |                        |
| 87715-9106 |              |                  |               |                   | 30 MICROINCH    | 2.54                   |
| 87715-9107 |              |                  |               |                   | GOLD FLASH      | 2.30                   |
| 87715-9108 |              |                  |               |                   | 15 MICROINCH    |                        |
| 87715-9109 |              |                  |               |                   | 30 MICROINCH    | 3.00                   |

| MOLEX P/N  | CIRCUIT SIZE | HOUSING MATERIAL | HOUSING COLOR | TERMINAL MATERIAL | CONTACT PLATING | SOLDER TAIL 'D' LENGTH |
|------------|--------------|------------------|---------------|-------------------|-----------------|------------------------|
| 87715-9200 | 98           | NYLON46          | BLACK         | PHOSPHOR BRONZE   | GOLD FLASH      | 2.54                   |
| 87715-9201 |              |                  |               |                   | 10 MICROINCH    |                        |
| 87715-9202 |              |                  |               |                   | 15 MICROINCH    |                        |
| 87715-9203 |              |                  |               |                   | GOLD FLASH      | 3.00                   |
| 87715-9204 |              |                  |               |                   | 10 MICROINCH    |                        |
| 87715-9205 |              |                  |               |                   | 15 MICROINCH    |                        |
| 87715-9206 |              |                  |               |                   | 30 MICROINCH    | 2.54                   |
| 87715-9207 |              |                  |               |                   | GOLD FLASH      | 2.30                   |
| 87715-9208 |              |                  |               |                   | 15 MICROINCH    |                        |
| 87715-9209 |              |                  |               |                   | 30 MICROINCH    | 3.00                   |

| MOLEX P/N  | CIRCUIT SIZE | HOUSING MATERIAL | HOUSING COLOR | TERMINAL MATERIAL | CONTACT PLATING | SOLDER TAIL 'D' LENGTH |
|------------|--------------|------------------|---------------|-------------------|-----------------|------------------------|
| 87715-9602 | 98           | NYLON46          | BLACK         | BRASS             | 15 MICROINCH    | 2.54                   |

SEE SHEET 1

EC NO: SH2010-0425

DRWN:RZHANG

CHKD:ALLEN LIN

APPR:XJ.SONG

REV

2010/05/14

2004/07/20

2010/06/03

DESCRIPTION

QUALITY SYMBOLS

F<sub>A</sub>

=0

F<sub>G</sub>

=0

F<sub>P</sub>

=0

4 PLACES

3 PLACES

2 PLACES

1 PLACE

ANGULAR ± 3 °

DRAFT WHERE APPLICABLE

MUST REMAIN

WITHIN DIMENSIONS

GENERAL TOLERANCES (UNLESS SPECIFIED)

mm

INCH

± ---

± ---

± 0.25

± ---

± 0.25

± ---

SEE TABLE

DIMENSION STYLE

MM ONLY

DRAWN BY

DATE

TOM

2004/07/20

CHECKED BY

DATE

ALLEN LIN

2004/07/20

APPROVED BY

DATE

WILSON

2004/07/20

MATERIAL NO.

SEE TABLE

SIZE

A3

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SCALE

SCALE

DESIGN UNITS

METRIC

THIRD ANGLE PROJECTION

TITLE

PCI EXPRESS

EDGE CARD CONNECTOR

(LEAD FREE VERSION)

molex

MOLEX INCORPORATED

DOCUMENT NO.

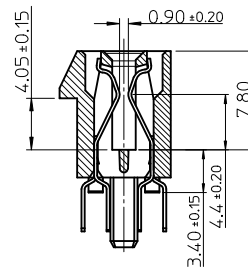
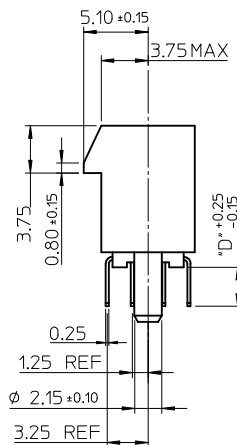
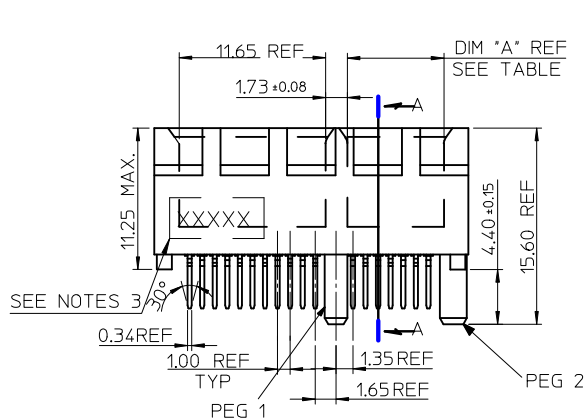
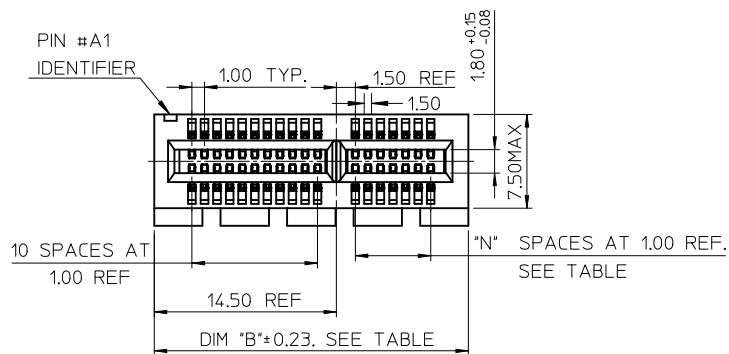
SD-87715-207

SHEET NO.

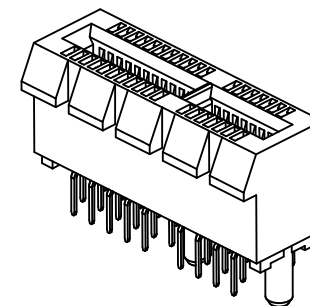
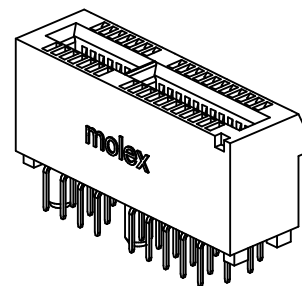
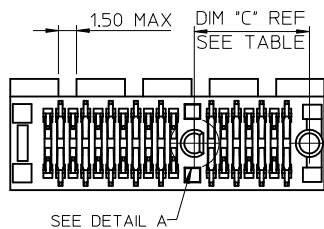
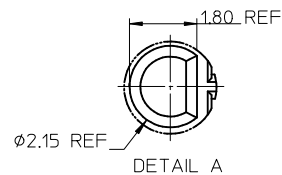
4 OF 4

fb\_frame\_A3\_P\_AM\_T  
Rev. F 2009/06/18

987654321



SECTION A-A



NOTES:

1.MATERIALS:

1-1.HOUSING: SEE TABLE ,GLASS FIBER FILLED UL94V-0,  
COLOR: SEE TABLE.

1-2.CONTACT: SEE TABLE

2.PLATING:

2-1.CONTACT AREA: GOLD, THICKNESS : SEE TABLE .

2-2.SOLDER TAIL: 100 MICROINCH MIN. TIN PLATING.

2-3.UNDER PLATING: NICKEL PLATING OVERALL.

3.DATE CODE: YY MM DD.

4.PRODUCT SPECIFICATION REFER TO PS-87715-200.

5.TEST SUMMARY:REFER TO TS-87715-207.

| CONNECTOR LINK WIDTH | # POS REF | N  | DIM "A" | DIM "B" | DIM "C" |
|----------------------|-----------|----|---------|---------|---------|
| X1                   | 36        | 6  | 7.65    | 25.00   | 9.15    |
| X16                  | 164       | 70 | 71.65   | 89.00   | 73.15   |

| PCB THK (REF) | DIM "D" |
|---------------|---------|
| 1.58          | 2.54    |
| 2.36          | 3.00    |

| REV     | DESCRIPTION        | DATE       | BY         |
|---------|--------------------|------------|------------|
| REVISED | EC NO: SH2010-0425 | 2010/05/14 | DRWNRZhang |
|         | CHKD:Harvey        | 2007/05/14 |            |
|         | APPR:XJ Song       | 2010/06/03 |            |

| QUALITY SYMBOLS |
|-----------------|
| ▽F=0            |
| ▽F=0            |
| ▽F=0            |

| GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                   |        |       |
|------------------------------------------------------------|--------|-------|
|                                                            | mm     | INCH  |
| 4 PLACES                                                   | ± ---  | ± --- |
| 3 PLACES                                                   | ± ---  | ± --- |
| 2 PLACES                                                   | ± 0.25 | ± --- |
| 1 PLACE                                                    | ± 0.25 | ± --- |
| ANGULAR ± 3 °                                              |        |       |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |        |       |

| DIMENSION STYLE | SCALE        | DESIGN UNITS        | THIRD ANGLE PROJECTION |
|-----------------|--------------|---------------------|------------------------|
| MM ONLY         |              | METRIC              |                        |
| DRAWN BY        | DATE         | TITLE               |                        |
| DAVID HU        | 2007/05/14   | PCI EXPRESS         |                        |
| CHECKED BY      | DATE         | EDGE CARD CONNECTOR |                        |
| HARVEY          | 2007/05/14   | (LEAD FREE VERSION) |                        |
| APPROVED BY     | DATE         | MOLEX INCORPORATED  |                        |
| JENNY CHEN      | 2007/05/14   |                     |                        |
| MATERIAL NO.    | DOCUMENT NO. | SHEET NO.           |                        |
| SEE SHEET 4     | SD-87715-901 | 1 OF 4              |                        |

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10 9 8 7 6 5 4 3 2 1

F

E

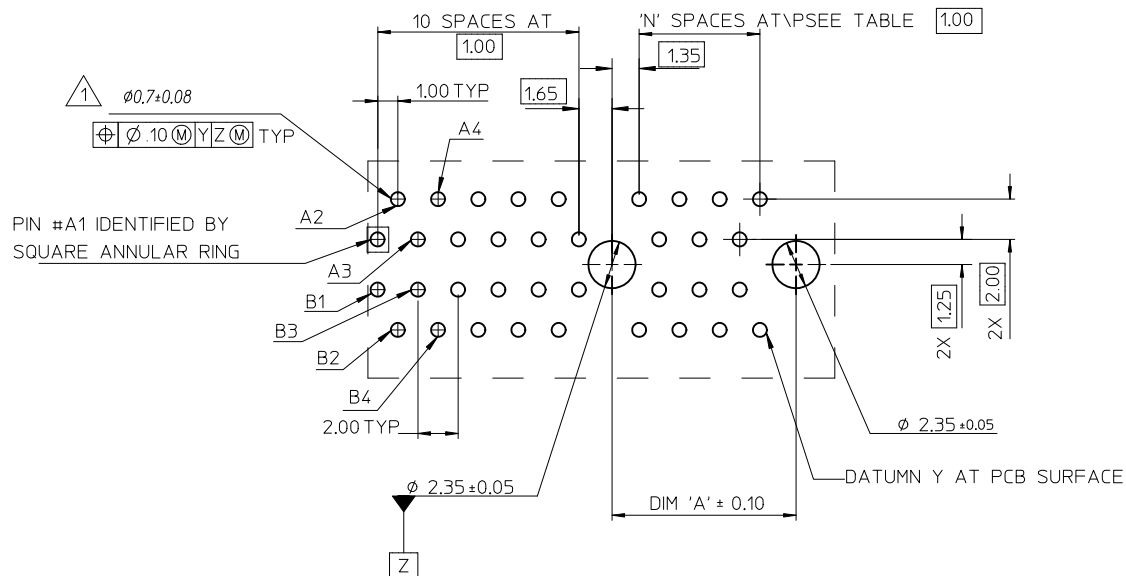
D

C

B

A

△1 THE HORIZONTAL AXIS FOR THE HOLE PATTERN IS ESTABLISHED BY A LINE THROUGH THE CENTER OF THE TWO  $\phi 2.35$  HOLES. THE VERTICAL AXIS IS 90° TO THE HORIZONTAL AXIS, THROUGH THE CENTER OF DATUM Z



| CONNECTOR LINK WIDTH | # POS REF | N  | DIM 'A' |
|----------------------|-----------|----|---------|
| X1                   | 36        | 6  | 9.15    |
| X16                  | 164       | 70 | 73.15   |

|                                                                                                                  |                                                              |              |                                       |                                                                                                                               |                              |            |            |                                                                    |                        |  |  |
|------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|--------------|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|------------------------------|------------|------------|--------------------------------------------------------------------|------------------------|--|--|
| SEE SHEET 1<br>EC NO: SH2010-0425<br>DRWN:RZHANG 2010/05/14<br>CHKD:HARVEY 2007/05/14<br>APPR:XJ.SONG 2010/06/03 | QUALITY SYMBOLS<br><div>=0</div> <div>=0</div> <div>=0</div> | DESCRIPTION  | GENERAL TOLERANCES (UNLESS SPECIFIED) |                                                                                                                               | DIMENSION STYLE<br>MM ONLY   |            | SCALE      | DESIGN UNITS<br>METRIC                                             | THIRD ANGLE PROJECTION |  |  |
|                                                                                                                  |                                                              |              |                                       | mm                                                                                                                            | INCH                         | DRAWN BY   | DATE       | TITLE<br>PCI EXPRESS<br>EDGE CARD CONNECTOR<br>(LEAD FREE VERSION) |                        |  |  |
|                                                                                                                  |                                                              |              | 4 PLACES                              | ± ---                                                                                                                         | ± ---                        | DAVID HU   | 2007/05/14 |                                                                    |                        |  |  |
|                                                                                                                  |                                                              |              | 3 PLACES                              | ± ---                                                                                                                         | ± ---                        | CHECKED BY | DATE       | MOLEX INCORPORATED                                                 |                        |  |  |
|                                                                                                                  |                                                              |              | 2 PLACES                              | ± 0.25                                                                                                                        | ± ---                        | HARVEY     | 2007/05/14 |                                                                    |                        |  |  |
| 1 PLACE                                                                                                          | ± 0.25                                                       | ± ---        | APPROVED BY                           | DATE                                                                                                                          | DOCUMENT NO.<br>SD-87715-901 |            |            |                                                                    |                        |  |  |
| ANGULAR ± 3 °                                                                                                    |                                                              | JENNY CHEN   | 2007/05/14                            | SHEET NO.<br>2 OF 4                                                                                                           |                              |            |            |                                                                    |                        |  |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                       |                                                              | MATERIAL NO. |                                       |                                                                                                                               |                              |            |            | SEE SHEET 1                                                        |                        |  |  |
|                                                                                                                  |                                                              | SIZE<br>A3   |                                       | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                              |            |            |                                                                    |                        |  |  |

9 8 7 6 5 4 3 2 1



F

E

D

C

B

A

B

| MOLEX P/N  | CIRCUIT SIZE | HOUSING MATERIAL | HOUSING COLOR | TERMINAL MATERIAL | CONTACT PLATING | SOLDER TAIL 'D' LENGTH | PEG 1 | PEG 2 | DESCRIPTION |      |      |        |         |
|------------|--------------|------------------|---------------|-------------------|-----------------|------------------------|-------|-------|-------------|------|------|--------|---------|
| 87715-9000 | 36           | NYLON46          | BLACK         | PHOSPHOR BRONZE   | GOLD FLASH      | 2.54                   | WITH  | WITH  | TOOLED      |      |      |        |         |
| 87715-9001 |              |                  |               |                   | 10 MICROINCH    |                        |       |       |             |      |      |        |         |
| 87715-9002 |              |                  |               |                   | 15 MICROINCH    |                        |       |       |             |      |      |        |         |
| 87715-9003 |              |                  |               |                   | GOLD FLASH      | 3.00                   |       |       |             | WITH | WITH | TOOLED |         |
| 87715-9004 |              |                  |               |                   | 10 MICROINCH    |                        |       |       |             |      |      |        |         |
| 87715-9005 |              |                  |               |                   | 15 MICROINCH    |                        |       |       |             |      |      |        |         |
| 87715-9006 |              |                  |               |                   | 30 MICROINCH    |                        |       |       |             |      |      |        | 2.54    |
| 87715-9009 |              |                  |               |                   | 30 MICROINCH    | 3.00                   |       |       |             |      |      |        | WITHOUT |
| 87715-0001 |              |                  |               |                   | 15 MICROINCH    | 2.54                   |       |       |             |      |      |        |         |

B

| MOLEX P/N  | CIRCUIT SIZE | HOUSING MATERIAL | HOUSING COLOR | TERMINAL MATERIAL | CONTACT PLATING | SOLDER TAIL "D" LENGTH | PEG 1 | PEG 2 | DESCRIPTION |
|------------|--------------|------------------|---------------|-------------------|-----------------|------------------------|-------|-------|-------------|
| 87715-9300 | 164          | NYLON46          | BLACK         | PHOSPHOR BRONZE   | GOLD FLASH      | 2.54                   | WITH  | WITH  | TOOLED      |
| 87715-9301 |              |                  |               |                   | 10 MICROINCH    |                        |       |       |             |
| 87715-9302 |              |                  |               |                   | 15 MICROINCH    | 3.00                   |       |       |             |
| 87715-9303 |              |                  |               |                   | GOLD FLASH      |                        |       |       |             |
| 87715-9304 |              |                  |               |                   | 10 MICROINCH    |                        |       |       |             |
| 87715-9305 |              |                  |               |                   | 15 MICROINCH    |                        |       |       |             |
| 87715-9306 |              |                  |               |                   | 30 MICROINCH    | 2.54                   |       |       |             |
| 87715-9309 |              |                  |               |                   | 30 MICROINCH    | 3.00                   |       |       |             |

SEE SHEET 1

EC NO: SH2010-0425

DRW:RZHANG 2010/05/14

CHK:D HARVEY 2007/05/14

APPR:XJ SONG 2010/06/03

B

REV

DESCRIPTION

QUALITY SYMBOLS

$F_A=0$

$F_C=0$

$F_P=0$

GENERAL TOLERANCES (UNLESS SPECIFIED)

|          | mm         | INCH      |
|----------|------------|-----------|
| 4 PLACES | $\pm$ ---  | $\pm$ --- |
| 3 PLACES | $\pm$ ---  | $\pm$ --- |
| 2 PLACES | $\pm$ 0.25 | $\pm$ --- |
| 1 PLACE  | $\pm$ 0.25 | $\pm$ --- |

ANGULAR  $\pm$  3 °

DRAFT WHERE APPLICABLE  
MUST REMAIN  
WITHIN DIMENSIONS

DIMENSION STYLE

MM ONLY

|             |            |
|-------------|------------|
| DRAWN BY    | DATE       |
| DAVID HU    | 2007/05/14 |
| CHECKED BY  | DATE       |
| HARVEY      | 2007/05/14 |
| APPROVED BY | DATE       |
| JENNY CHEN  | 2007/05/14 |

MATERIAL NO.

SEE SHEET 1

SIZE

A3

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SCALE

DESIGN UNITS

METRIC

THIRD ANGLE PROJECTION

TITLE

PCI EXPRESS  
EDGE CARD CONNECTOR  
(LEAD FREE VERSION)

molex

MOLEX INCORPORATED

DOCUMENT NO.

SD-87715-901

SHEET NO.

4 OF 4



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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