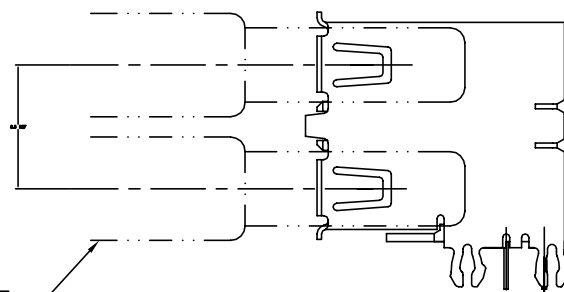


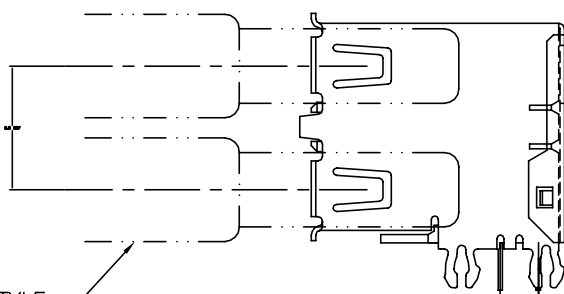


USB A CABLE STYLE CONNECTOR

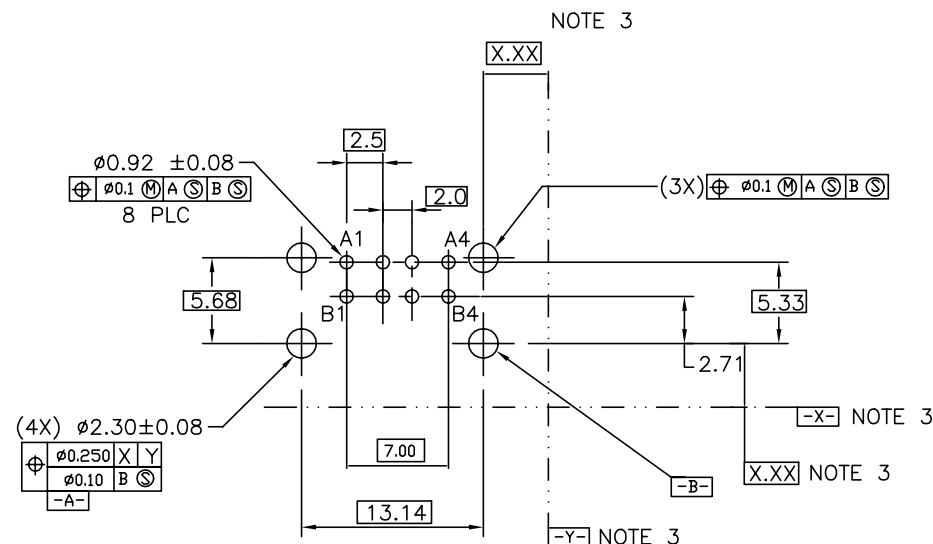


WITHOUT BACK SHELL

USB A CABLE STYLE CONNECTOR



WITH BACK SHELL



RECOMMENDED PCB DIMENSIONS

# NOTES:

## 1.MATERIAL:

CONTACTS—COPPER ALLOY  
SHELL—COPPER ALLOY  
HOUSING—UL 94-V-0 RATED THERMOPLASTIC.

## 2.PLATING:

CONTACTS: SEE PRODUCT NUMBER CODE;  
SHELL: SEE PRODUCT NUMBER CODE.

## ③ DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.

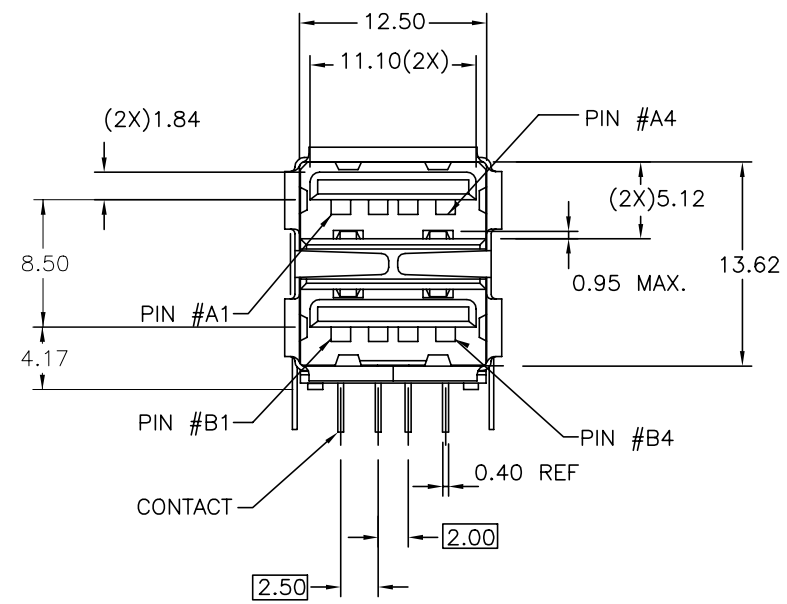
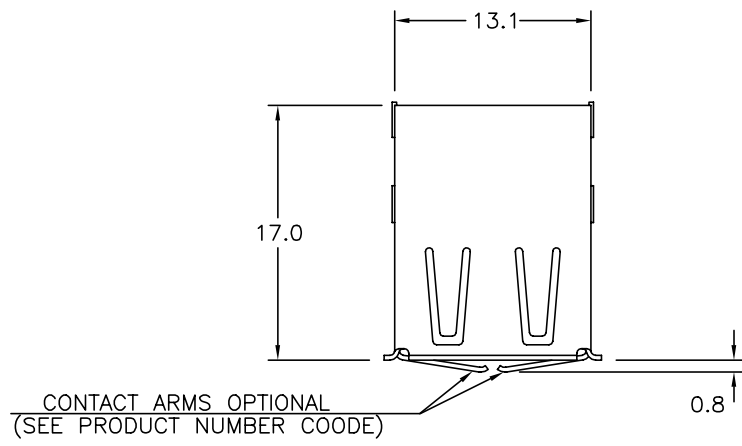
## 4.RECOMMENDED PC BOARD THICKNESS OF 1.57mm.

## 5.P/N SEE PRODUCT NUMBER CODE. ( TO BE CONTINUED)

| mat'l. code<br>NOTE 1 & 2 |                |     |            | tolerances unless<br>otherwise specified |                    | CUSTOMER<br>COPY | FCI<br>www.fciconnect.com                        |  |  |
|---------------------------|----------------|-----|------------|------------------------------------------|--------------------|------------------|--------------------------------------------------|--|--|
| ltr                       | ecn no         | dr  | date       | linear                                   | .X ±.30            |                  |                                                  |  |  |
| AC                        | N05-0068       | PH  | 03/09/05   | linear                                   | .XX ±.20           | projection       | title UNIV. SERIAL BUS<br>DOUBLE DECK RECEPTACLE |  |  |
| AD                        | N05-0106       | PH  | 04/13/05   | linear                                   | .XXX ±.10          | mm               |                                                  |  |  |
| AE                        | N06-0101       | HB  | 04/13/06   | angles                                   | 0° ±3°             | mm               | product family USB<br>size dwg no 72309          |  |  |
| AF                        | N06-0133       | HB  | 05/17/06   | dr                                       | PETER 12/10/97     | scale 2:1        |                                                  |  |  |
| AG                        | N08-0198       | R.B | 2008/09/10 | engr                                     | R Y LIU 12/10/97   | scale 2:1        | sheet 1 of 4                                     |  |  |
| AH                        | N08-0238       | R.B | 2008/11/01 | chr                                      | R Y LIU 12/10/97   | scale 2:1        |                                                  |  |  |
| AJ                        | ELX-N-004655   | AZH | 2011/07/26 | appd                                     | JENN TSAO 12/10/97 | scale 2:1        | sheet 1 of 4                                     |  |  |
| sheet index               | revision sheet |     |            |                                          |                    |                  |                                                  |  |  |

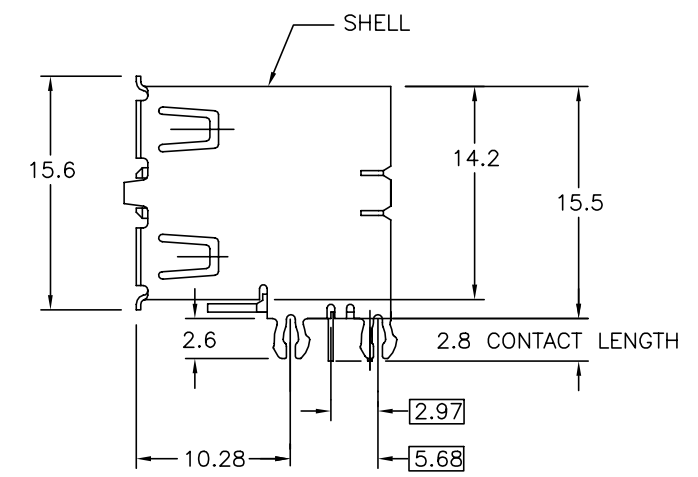
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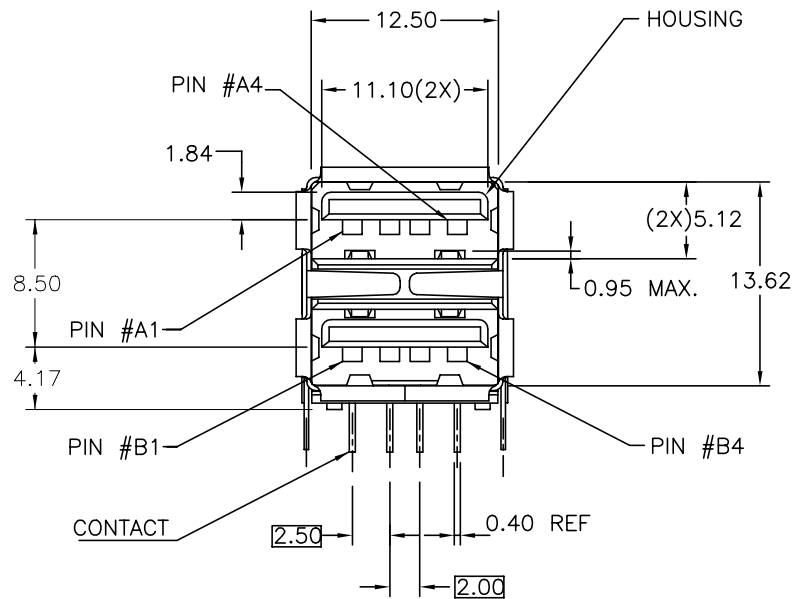
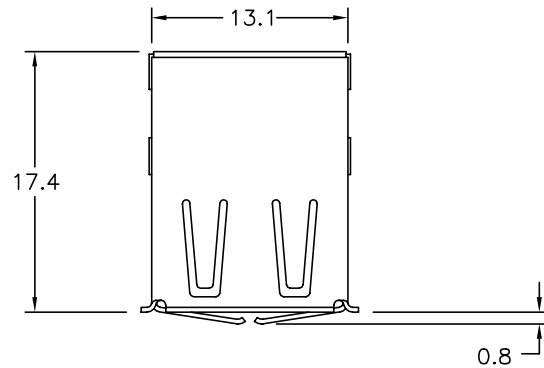


ASSEMBLY WITHOUT BACK SHIELD  
72309-XX3XX SHOWN

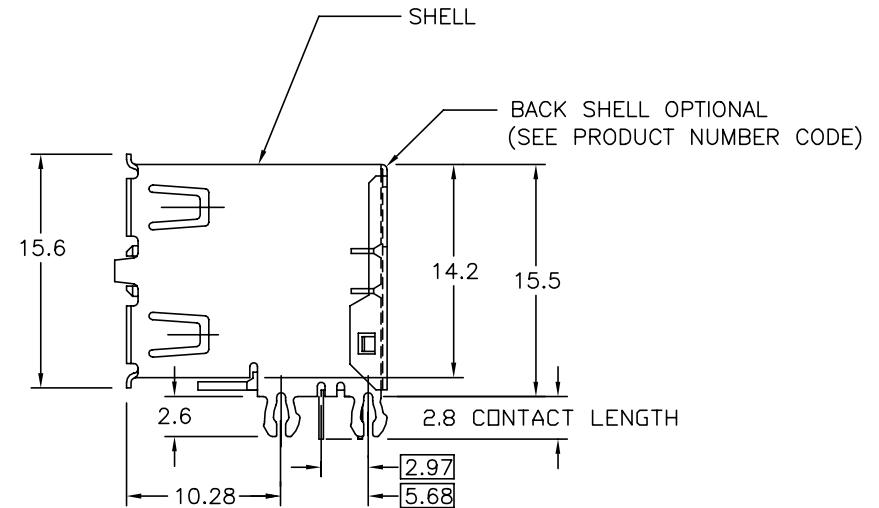
- (CONTINUED)
6. FOR LEAD FREE P/N, A LEAD FREE LABEL WILL APPEAR AT PACKING.
  7. FOR LEAD FREE P/N, THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 40 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
  8. FOR LEAD FREE P/N, THE PRODUCT MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008
  9. PACKAGING SPECIFICATION PER GS-14-393.
  10. PRODUCT SPECIFICATION PER GS-12-095.



|                |                   |    |      |                                          |           |          |                  |                                                                                                               |                                                                                                                                                     |  |  |  |  |  |  |  |  |
|----------------|-------------------|----|------|------------------------------------------|-----------|----------|------------------|---------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|
| mat'l. code    |                   |    |      | tolerances unless<br>otherwise specified |           |          | CUSTOMER<br>COPY |                                                                                                               | <br><a href="http://www.fciconnect.com">www.fciconnect.com</a> |  |  |  |  |  |  |  |  |
| ltr            | ecn no            | dr | date | linear                                   | .X ±.30   |          |                  | projection<br>           | title<br>UNIV. SERIAL BUS<br>DOUBLE DECK RECEPTACLE                                                                                                 |  |  |  |  |  |  |  |  |
| AJ             |                   |    |      |                                          | .XX ±.20  |          |                  |                                                                                                               |                                                                                                                                                     |  |  |  |  |  |  |  |  |
|                |                   |    |      |                                          | .XXX ±.10 |          |                  |                                                                                                               |                                                                                                                                                     |  |  |  |  |  |  |  |  |
|                |                   |    |      | angles                                   | 0° ±3°    |          |                  | <br>mm<br>scale<br>2 : 1 | product family USB<br>size dwg no<br>A4 72309                                                                                                       |  |  |  |  |  |  |  |  |
|                |                   |    |      | dr                                       | PETER PAM | 12/10/97 |                  |                                                                                                               |                                                                                                                                                     |  |  |  |  |  |  |  |  |
|                |                   |    |      | engr                                     | R Y LIU   | 12/10/97 |                  |                                                                                                               |                                                                                                                                                     |  |  |  |  |  |  |  |  |
|                |                   |    |      | chr                                      | R Y LIU   | 12/10/97 |                  |                                                                                                               |                                                                                                                                                     |  |  |  |  |  |  |  |  |
|                |                   |    |      | appd                                     | JENN TSAO | 12/10/97 |                  |                                                                                                               |                                                                                                                                                     |  |  |  |  |  |  |  |  |
| sheet<br>index | revision<br>sheet |    |      |                                          |           |          |                  |                                                                                                               |                                                                                                                                                     |  |  |  |  |  |  |  |  |



ASSEMBLY WITH BACK SHIELD  
 72309 - XX4XX SHOWN



| mat'l. code |                |    |      | tolerances unless otherwise specified |                    | CUSTOMER COPY         | <br>www.fciconnect.com                              |  |              |
|-------------|----------------|----|------|---------------------------------------|--------------------|-----------------------|-----------------------------------------------------|--|--------------|
| ltr         | ecr no         | dr | date | linear                                | .X ±.30            | projection            | title<br>UNIV. SERIAL BUS<br>DOUBLE DECK RECEPTACLE |  |              |
| AJ          |                |    |      |                                       | .XX ±.20           |                       |                                                     |  |              |
|             |                |    |      |                                       | .XXX ±.10          |                       |                                                     |  |              |
|             |                |    |      | angles                                | 0° ±3°             | <br>mm<br>scale 2 : 1 | product family USB                                  |  | code -       |
|             |                |    |      | dr                                    | PETER PAM 12/01/97 |                       | size dwg no                                         |  | sheet 3 of 4 |
|             |                |    |      | enr                                   | R Y LIU 12/10/97   |                       | A4 72309                                            |  |              |
|             |                |    |      | chr                                   | R Y LIU 12/10/97   |                       |                                                     |  |              |
|             |                |    |      | appd                                  | JENN TSAO 12/10/97 |                       |                                                     |  |              |
| sheet index | revision sheet |    |      |                                       |                    |                       | cage code                                           |  |              |

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PRODUCT NUMBER CODE

72309 - X X X X X P S LF

BASE PRODUCT NUMBER

HOUSING COLOR + SHELL PLATING OPTIONS

0 - WHITE + NICKEL & TIN LEAD PLATING

1 - BLACK + NICKEL & TIN LEAD PLATING

2 - WHITE + NICKEL PLATING ONLY

3 - BLACK + NICKEL PLATING ONLY

4 - WHITE + NICKEL PLATING ONLY + LCP HSG

5 - BLACK + NICKEL PLATING ONLY + LCP HSG

6 - BLACK + NICKEL & TIN LEAD PLATING + LCP HSG

7 - BLACK + NICKEL & BRIGHT TIN PLATING

8 - WHITE + NICKEL & BRIGHT TIN PLATING

9 - BLACK + NICKEL & BRIGHT TIN PLATING +LCP HSG

A - BLACK + NICKEL & MATTE TIN PLATING +LCP HSG

S - BLACK + NICKEL PLATING ONLY + LCP HSG

SHELL PLATING OPTION

0 - BARREL-PLATING

1 - PRE-PLATING

SHELL OPTIONS

1 - NO BACK SHIELD, NO ARMS, FRONT GROUNDING ARMS

2 - BACK SHIELD, NO FRONT GROUNDING ARMS

3 - NO BACK SHIELD, FRONT GROUNDING ARMS

4 - BACK SHIELD, FRONT GROUNDING ARMS

TERMINAL OPTION

3 - 50u" Ni UNDERPLATE,30u" GXT CONTACT AREA,100u" MATTE TIN TAIL AREA  
2.80mm TAIL LENGTH

4 - 50u" Ni UNDERPLATE,30u" GXT CONTACT AREA,100u" MATTE TIN TAIL AREA  
2.80mm TAIL LENGTH

5 - 50u" Ni UNDERPLATE,30u" GOLD CONTACT AREA,100u" MATTE TIN TAIL AREA  
3.94mm TAIL LENGTH

PACKAGING OPTIONS

B - TUBES

R - TAPE & REEL

WITH DATE CODE

ONLY FOR PANASONIC

LEAD FREE MARK

LEAD FREE CONVERSION RULES -

HOUSING COLOR AND SHELL PLATING OPTION: 0 TO 8, 1 TO 7, 6 TO 9

TERMINAL PLATING OPTION: 0 TO 4, 2 TO 3

SPECIFIC SHELL MATERIAL FOR 12K CYCLES DURABILITY,  
PART NUMBER: 72309-S033XPLF/-S034XPLF

NOTE:

AVAILABLE P/N'S IN FCI NOW FOLLOWED:

|                     |                              |
|---------------------|------------------------------|
| 72309-0010X/8014XLF | 72309-2010X/2014XLF          |
| 72309-0012X/8013XLF | 72309-2012X/2013XLF          |
| 72309-0020X/8024XLF | 72309-2020X/2024XLF          |
| 72309-0022X/8023XLF | 72309-2022X/2023XLF          |
| 72309-0030X/8034XLF | 72309-2030X/2034XLF          |
| 72309-0032X/8033XLF | 72309-2032X/2033XLF          |
| 72309-0040X/8044XLF | 72309-2040X/2044XLF          |
| 72309-0042X/8043XLF | 72309-2042X/2043XLF          |
| 72309-1010X/7014XLF | 72309-3010X/3014XLF          |
| 72309-1012X/7013XLF | 72309-3012X/3013XLF          |
| 72309-1020X/7024XLF | 72309-3020X/3024XLF          |
| 72309-1022X/7023XLF | 72309-3022X/3023XLF          |
| 72309-1030X/7034XLF | 72309-3030X/3034XLF          |
| 72309-1032X/7033XLF | 72309-3032X/3033XLF          |
| 72309-1040X/7044XLF | 72309-3040X/3044XLF          |
| 72309-1042X/7043XLF | 72309-3042X/3043XLF          |
| 72309-0110X/8114XLF | 72309-4040X/4044XLF          |
| 72309-0112X/8113XLF | 72309-5012X/5013XLF          |
| 72309-0120X/8124XLF | 72309-5030X/5034XLF          |
| 72309-0122X/8123XLF | 72309-5040X/5044XLF/5044XSFL |
| 72309-0130X/8134XLF | 72309-5140X/5144XLF          |
| 72309-0132X/8133XLF | 72309-6220X/9224XLF          |
| 72309-0140X/8144XLF | 72309-A034XLF                |
| 72309-0142X/8143XLF | 72309-3015XLF                |
| 72309-1110X/7114XLF | 72309-3045XLF                |
| 72309-1112X/7113XLF | 72309-S033XPLF               |
| 72309-1120X/7124XLF | 72309-S034XPLF               |
| 72309-1122X/7123XLF |                              |
| 72309-1130X/7134XLF |                              |
| 72309-1132X/7133XLF |                              |
| 72309-1140X/7144XLF |                              |
| 72309-1142X/7143XLF |                              |

|                           |                   |    |      |                                          |           |         |                  |                           |                                                     |  |
|---------------------------|-------------------|----|------|------------------------------------------|-----------|---------|------------------|---------------------------|-----------------------------------------------------|--|
| mat'l. code<br>NOTE 1 & 2 |                   |    |      | tolerances unless<br>otherwise specified |           |         | CUSTOMER<br>COPY | FCI<br>www.fciconnect.com |                                                     |  |
| ltr                       | ecn no            | dr | date | linear                                   |           |         |                  | projection                | title<br>UNIV. SERIAL BUS<br>DOUBLE DECK RECEPTACLE |  |
| AJ                        |                   |    |      |                                          |           |         |                  |                           |                                                     |  |
|                           |                   |    |      | angles                                   |           |         |                  |                           | product family<br>USB                               |  |
|                           |                   |    |      | dr                                       | FUSSELMAN | 5/10/96 |                  |                           |                                                     |  |
|                           |                   |    |      | enr                                      | J. DAVID  | 5/10/96 | mm               | size dwg no               | code<br>-                                           |  |
|                           |                   |    |      | chr                                      | J.DAVID   | 6/29/96 |                  |                           |                                                     |  |
|                           |                   |    |      | appd                                     | J.DAVID   | 6/29/96 | scale            | A4                        | sheet<br>4 of 4                                     |  |
|                           |                   |    |      |                                          |           |         | 2:1              |                           |                                                     |  |
| sheet<br>index            | revision<br>sheet |    |      |                                          |           |         |                  |                           |                                                     |  |

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