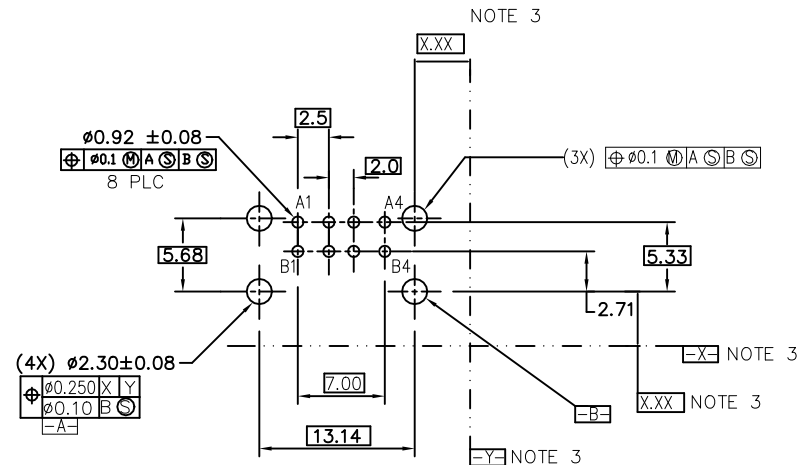
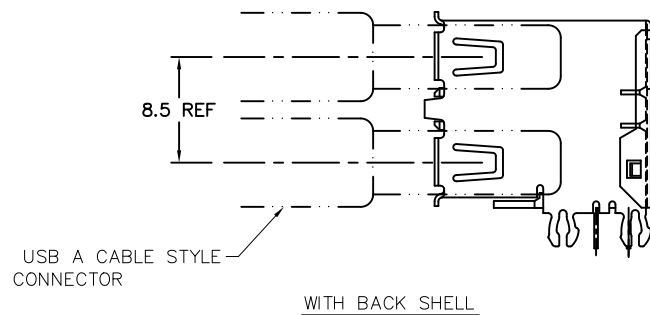
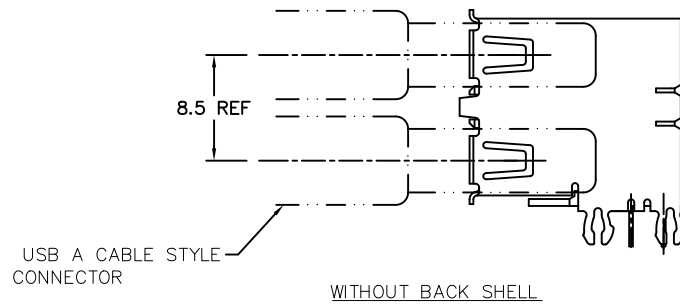




#### NOTES:

##### 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.

##### ③DATUM 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 |              |      |            | surface                               |               | tolerance        |            | projection                                                                            |                               | product family         |              |      |
|             |              |      |            | ISO 1302 ✓                            |               | ISO 406 ISO 1101 |            |  |                               | USB HPL511             |              |      |
| ltr         | ecn no       | dr   | date       | tolerances unless otherwise specified |               |                  |            | specified                                                                             |                               | title                  |              |      |
| AK          | ELX-N-26385  | LZ   | 2017/03/17 | angles                                |               | linear           |            |  |                               | UNIV. SERIAL BUS       |              |      |
| AD          | N05-0106     | PH   | 04/13/05   |                                       |               |                  |            |                                                                                       |                               | DOUBLE DECK RECEPTACLE |              |      |
| AE          | N06-0101     | HB   | 04/13/06   | 0°±3°                                 |               |                  |            | .00±.20                                                                               |                               | scale 1:1              |              |      |
| AF          | N06-0133     | HB   | 05/17/06   | dr                                    | Laurence.Zang |                  | 2017/03/17 |                                                                                       | dwg no                        |                        | sheet 1 of 4 | size |
| AG          | N08-0198     | RB   | 2008/09/10 | eng                                   | Laurence.Zang |                  | 2017/03/17 |                                                                                       | Amphenol<br>FCi               |                        | 72309        | A3   |
| AH          | N08-0238     | RB   | 2008/11/01 | chr                                   | LQ Lei        |                  | 2017/03/17 |                                                                                       |                               |                        |              |      |
| AJ          | ELX-N-004653 | A.ZH | 2011/07/26 | appd                                  | Tim Yao       |                  | 2017/03/17 |                                                                                       | type Product Customer Drawing |                        |              |      |
| sheet       | revision     | AK   |            |                                       |               |                  |            |                                                                                       |                               |                        |              |      |
| index       | sheet        | 1~4  |            |                                       |               |                  |            |                                                                                       |                               |                        |              |      |



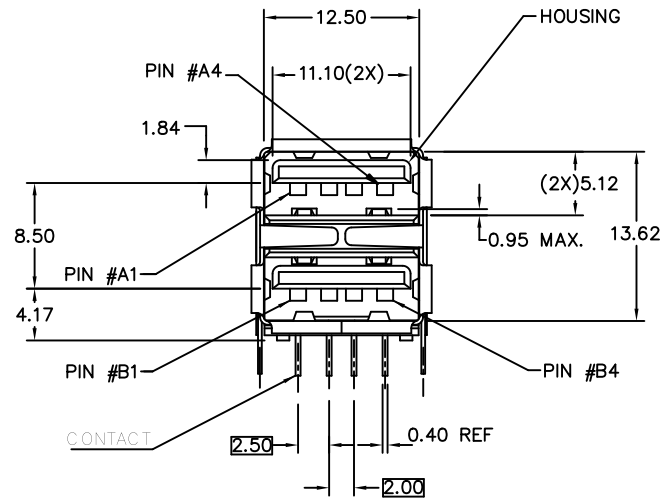
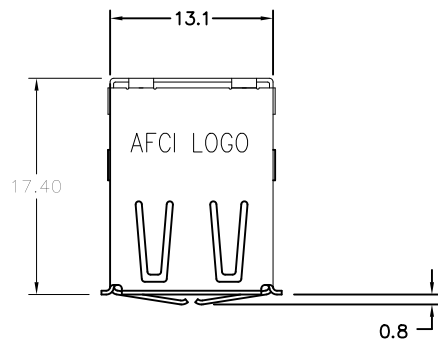
ASSEMBLY WITHOUT BACK SHIELD  
72309-XX3XX SHOWN

(CONTINUED)

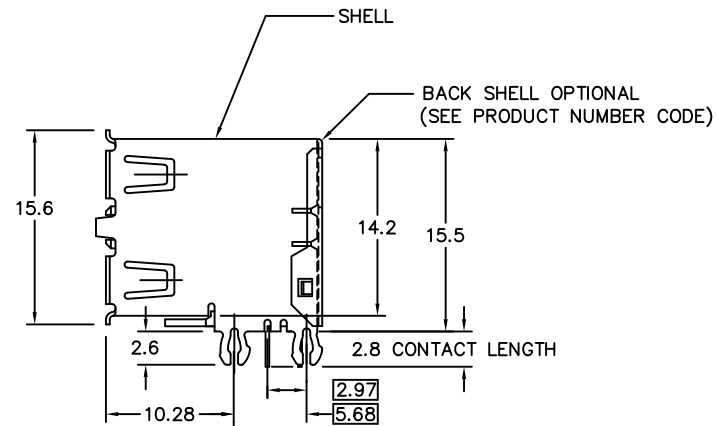
6. FOR LEAD FREE P/N, A LEAD FREE LABEL WILL APPEAR AT PACKING.
7. FOR LEAD FREE P/N, THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 40 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
8. FOR LEAD FREE P/N, THE PRODUCT MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY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



|             |        |                |      |                                       |               |                            |                 |                                                                                                  |        |                           |             |  |      |
|-------------|--------|----------------|------|---------------------------------------|---------------|----------------------------|-----------------|--------------------------------------------------------------------------------------------------|--------|---------------------------|-------------|--|------|
| mat'l. code |        |                |      | surface ISO 1302 ✓                    |               | tolerance ISO 406 ISO 1101 |                 | projection  |        | product family USB HPL511 |             |  |      |
| ltr         | ecn no | dr             | date | tolerances unless otherwise specified |               |                            |                 |             |        | title                     |             |  |      |
| AK          |        |                |      | angles                                |               | .0±.3                      |                 | mm                                                                                               |        | UNIV. SERIAL BUS          |             |  |      |
|             |        |                |      | linear                                |               | .00±.20                    |                 |                                                                                                  |        | DOUBLE DECK RECEPTACLE    |             |  |      |
|             |        |                |      | 0°±3'                                 |               | .000±.10                   |                 | scale 1:1                                                                                        |        |                           |             |  |      |
|             |        |                |      | dr                                    | Laurence.Zang | 2017/03/17                 | Amphenol<br>FCI |                                                                                                  | dwg no |                           | sheet2 of 4 |  | size |
|             |        |                |      | eng                                   | Laurence.Zang | 2017/03/17                 |                 |                                                                                                  | 72309  |                           | A3          |  |      |
|             |        |                |      | chr                                   | LQ Lei        | 2017/03/17                 |                 |                                                                                                  |        |                           |             |  |      |
|             |        |                |      | appd                                  | Tim Yao       | 2017/03/17                 |                 |                                                                                                  |        |                           |             |  |      |
| sheet index |        | revision sheet |      | AK                                    | 1~4           |                            |                 |                                                                                                  |        |                           |             |  |      |



ASSEMBLY WITH BACK SHIELD  
72309 - XX4XX SHOWN



|             |          |     |    |          |                                       |               |                                            |                          |
|-------------|----------|-----|----|----------|---------------------------------------|---------------|--------------------------------------------|--------------------------|
| mat'l. code |          |     |    | surface  | tolerance                             | projection    | product family                             |                          |
|             |          |     |    | ISO 1302 | ISO 406                               | ISO 1101      | USB HPL511                                 |                          |
| ltr         | ecr      | no  | dr | date     | tolerances unless otherwise specified |               | title                                      |                          |
| AK          |          |     |    |          | angles                                | .0±.3         | UNIV. SERIAL BUS<br>DOUBLE DECK RECEPTACLE |                          |
|             |          |     |    |          | linear                                | .00±.20       |                                            |                          |
|             |          |     |    |          | 0°±3°                                 | .000±.10      |                                            |                          |
|             |          |     |    |          | dr                                    | Laurence.Zang | 2017/03/17                                 | dwg no                   |
|             |          |     |    |          | eng                                   | Laurence.Zang | 2017/03/17                                 |                          |
|             |          |     |    |          | chr                                   | LQ Lei        | 2017/03/17                                 |                          |
|             |          |     |    |          | app                                   | Tim Yao       | 2017/03/17                                 |                          |
| sheet       | revision | AK  |    |          |                                       |               |                                            | type                     |
| index       | sheet    | 1~4 |    |          |                                       |               |                                            |                          |
|             |          |     |    |          |                                       |               |                                            | Product Customer Drawing |

# 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
- Q - SPECIAL TUBES (LENGTH 600MM MAX)

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/5044XSLF  
72309-0130X/8134XLF 72309-5140X/5144XLF  
72309-0132X/8133XLF 72309-6220X/9224XLF  
72309-0140X/8144XLF 72309-A034XLF  
72309-0142X/8143XLF 72309-3015XSLF  
72309-1110X/7114XLF 72309-3045XSLF  
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 |          |     |    | surface  | tolerance                             | projection | product family                             |  |
|-------------|----------|-----|----|----------|---------------------------------------|------------|--------------------------------------------|--|
|             |          |     |    | ISO 1302 | ISO 406                               | ISO 1101   | USB HPL511                                 |  |
| ltr         | ecn      | no  | dr | date     | tolerances unless otherwise specified |            | title                                      |  |
| AK          |          |     |    |          | angles                                | .0±.3      | UNIV. SERIAL BUS<br>DOUBLE DECK RECEPTACLE |  |
|             |          |     |    |          | linear                                | .00±.20    |                                            |  |
|             |          |     |    |          | 0°±3'                                 | .000±.10   |                                            |  |
|             |          |     |    | dr       | Laurence.Zang                         | 2017/03/17 | dwg no                                     |  |
|             |          |     |    | eng      | Laurence.Zang                         | 2017/03/17 | sheet 4 of 4                               |  |
|             |          |     |    | chr      | LQ Lei                                | 2017/03/17 | 72309                                      |  |
|             |          |     |    | app      | Tim Yao                               | 2017/03/17 | A3                                         |  |
| sheet       | revision | AK  |    |          |                                       |            | type Product Customer Drawing              |  |
| index       | sheet    | 1~4 |    |          |                                       |            |                                            |  |