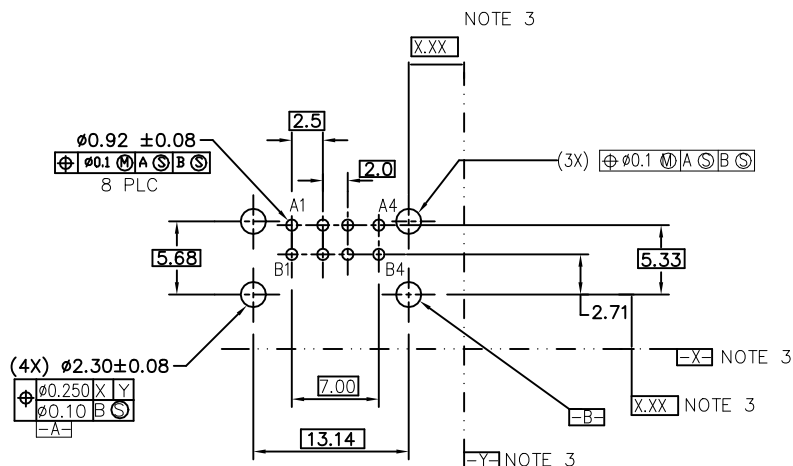
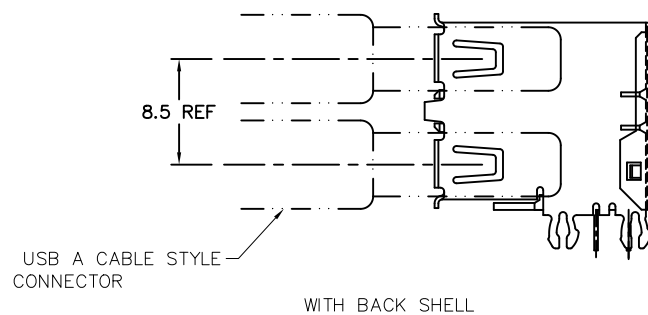




RECOMMENDED PCB DIMENSIONS

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				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family USB HPL511						
ltr	ecn no	dr	date	tolerances unless otherwise specified				title								
AK	ELX-N-26385	LZ	2017/03/17	angles linear		.0±.3		 mm		UNIV. SERIAL BUS DOUBLE DECK RECEPTACLE						
AD	N05-0106	PH	04/13/05			.00±.20										
AE	N06-0101	HB	04/13/06	0±.3°		.000±.10		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						72309		A3
AH	N08-0238	RB	2008/11/01	chr	LQ Lei	2017/03/17		FCI								
AJ	ELX-N-004655	A.ZH	2011/07/26	appd	Tim Yao	2017/03/17				type Product Customer Drawing						
sheet	revision	AK														
index	sheet	1~4														



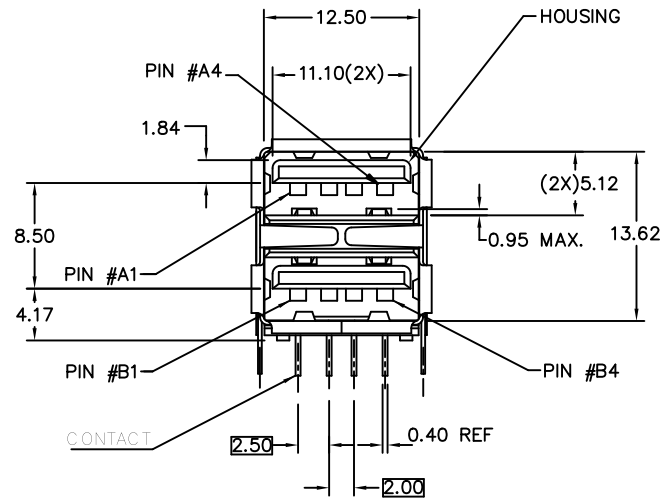
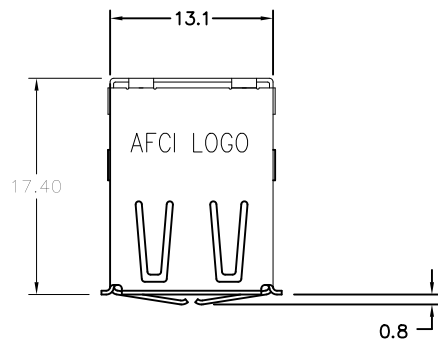
ASSEMBLY WITHOUT BACK SHIELD
72309-XX3XX SHOWN

(CONTINUED)

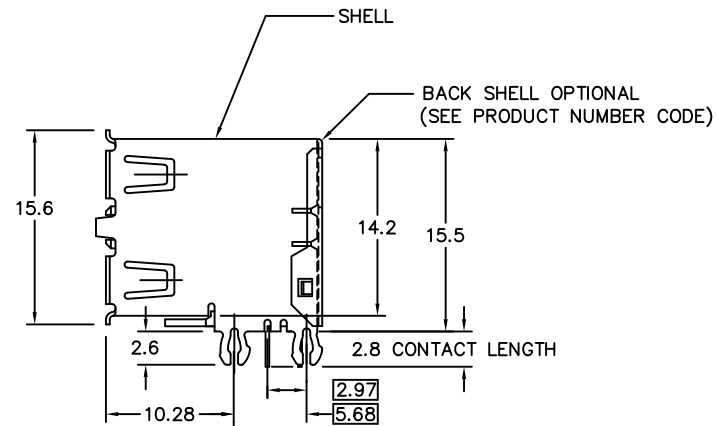
6. FOR LEAD FREE P/N, A LEAD FREE LABEL WILL APPEAR AT PACKING.
7. FOR LEAD FREE P/N, THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 40 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
8. FOR LEAD FREE P/N, THE PRODUCT MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY 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	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 DOUBLE DECK RECEPTACLE	
					linear	.00±.20		
					0°±3°	.000±.10		
			dr	Laurence.Zang	2017/03/17	scale 1:1	dwg no	
			eng	Laurence.Zang	2017/03/17		sheet 2 of 4	
			chr	LQ Lei	2017/03/17		72309	
			app	Tim Yao	2017/03/17		type Product Customer Drawing	
sheet	revision	AK						
index	sheet	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	ecn no	dr	date	tolerances unless otherwise specified				title						
AK				angles		linear		mm		UNIV. SERIAL BUS DOUBLE DECK RECEPTACLE				
				0°±3'										
										dwg no				
				dr Laurence.Zang		2017/03/17				sheet3 of 4		size		
				eng Laurence.Zang		2017/03/17				72309		A3		
				chr LQ Lei		2017/03/17								
				appd Tim Yoo		2017/03/17				type Product Customer Drawing				
sheet index		revision sheet		AK										
				1~4										

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	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	dwg no
				dr	Laurence.Zang	2017/03/17	sheet 4 of 4
				eng	Laurence.Zang	2017/03/17	size
				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					