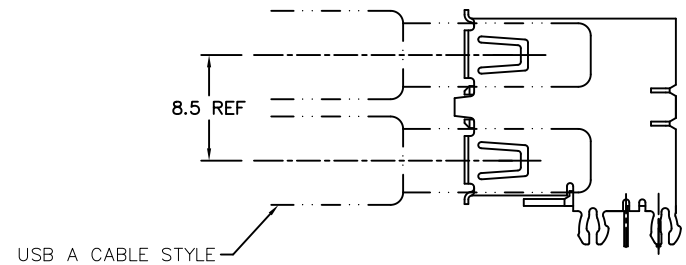
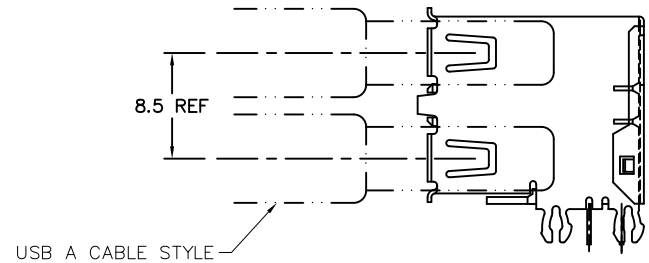
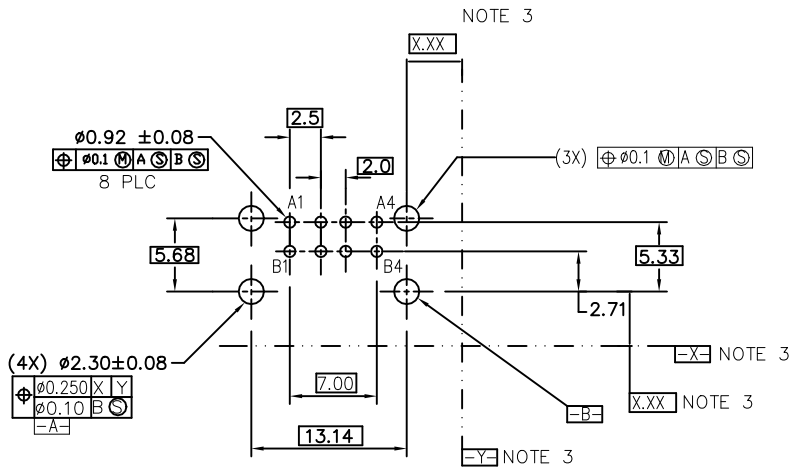


WITHOUT BACK SHELL



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.

③DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.

4.RECOMMENDED PC BOARD THINKNESS OF 1.57mm.

5.P/N SEE PRODUCT NUMBER CODE.

(TO BE CONTINUED)

ltr	ecn no	dr	date
AK	ELX-N-26385	LZ	2017/03/17
AD	N05-0106	PH	04/13/05
AE	N06-0101	HB	04/13/06
AF	N06-0133	HB	05/17/06
AG	N08-0198	RB	2008/09/10
AH	N08-0238	RB	2008/11/01
AJ	ELX-N-004655	A.ZH	2011/07/26

sheet index	revision
sheet	AK
	1~4

mat'l. code

surface ISO 1302 √ | tolerance ISO 406 ISO 1101 | projection

tolerances unless otherwise specified

angles 0°±3° | linear .0±.3 / .00±.20 / .000±.10

mm

scale 1:1

dr	Laurence.Zang	2017/03/17
eng	Laurence.Zang	2017/03/17
chr	LQ Lei	2017/03/17
appd	Tim Yao	2017/03/17

Amphenol FCi

product family: USB HPL511

title: UNIV. SERIAL BUS DOUBLE DECK RECEPTACLE

dwg no 72309 | sheet 1 of 4 | size A3

type Product Customer Drawing

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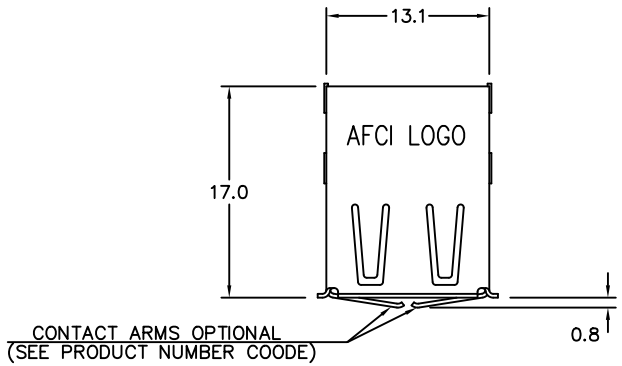
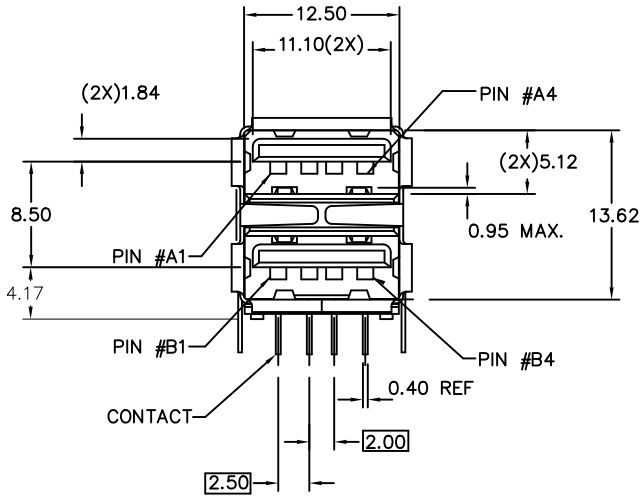
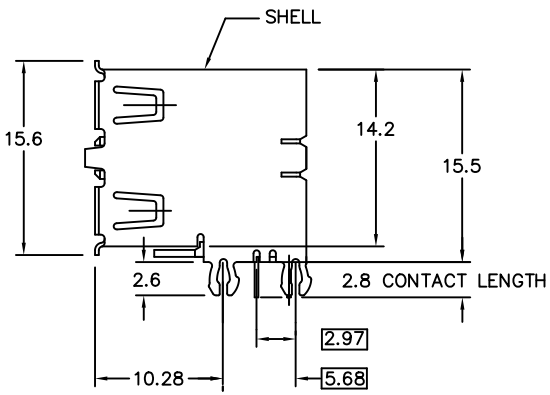




ASSEMBLY WITHOUT BACK SHIELD
72309-XX3XX SHOWN

(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				surface ISO 1302		tolerance ISO 406 ISO		projection 1101	product family USB HPL511		
ltr	ecn no	dr	date	tolerances unless otherwise specified					title		
AK				angles	linear	.0±.3		mm	UNIV. SERIAL BUS DOUBLE DECK RECEPTACLE		
				0°±3°		.00±.20					
						.000±.10		scale 1:1			
				dr	Laurence.Zang	2017/03/17			dwg no 72309	sheet 2 of 4	size A3
				eng	Laurence.Zang	2017/03/17		Amphenol FCi			
				chr	LQ Lei	2017/03/17			type Product Customer Drawing		
				appd	Tim Yao	2017/03/17					
sheet index	revision sheet	AK 1~4									

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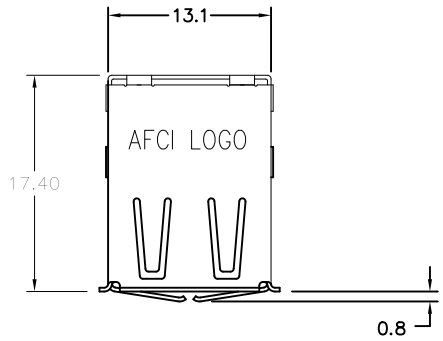
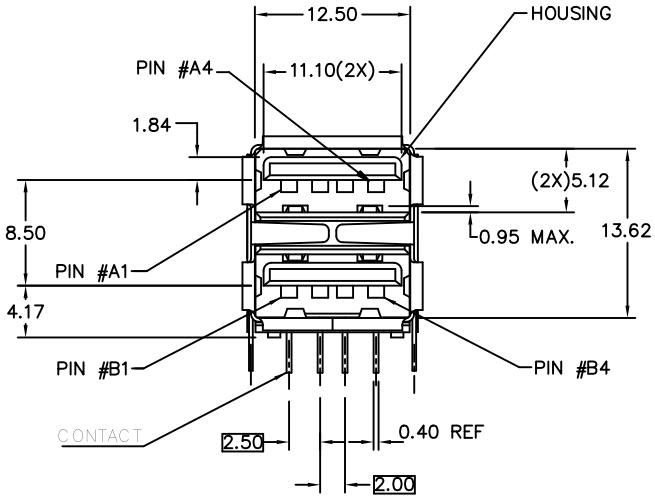
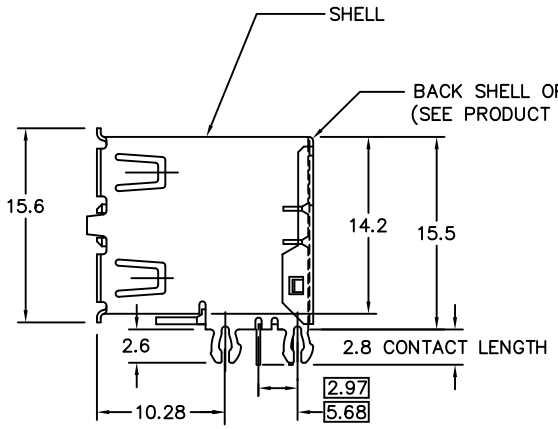
form: A3-2016-02-24







ASSEMBLY WITH BACK SHIELD

72309 – XX4XX SHOWN

| | | |

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
SPECIFICIAL 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	72309–3015XXLF
72309–1110X/7114XLF	72309–3045XXLF
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	

| | | |