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NOTES:  
 1.MATERIAL:  
 CONTACTS—COPPER ALLOY  
 SHELL—COPPER ALLOY  
 HOUSING—UL 94-V-0 RATED THERMOPLASTIC.

2.PLATING:  
 CONTACTS—0.76um MINIMUM GLOD FLASH OVER PALLADIUM  
 NICKEL IN CONTACT AREA OR 0.76um MIN GOLD FLASH  
 3.8um MINIMUM TIN—LEAD ON SOLDER TAILS  
 ALL OVER 1.27um MINIMUM NICKEL.  
 SHELL,5um MINIMUM BRIGHT TIN  
 OVER 2.5um MINIMUM NICKEL.

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 NOTE 1 & 2				tolerances unless otherwise specified		CUSTOMER COPY	FCJ www.fciconnect.com
ltr	ecn no	dr	date	linear	.X ±.30		
AC	N05-0068	PH	03/09/05		.XX ±.20	mm	product family USB
AD	N05-0106	PH	04/13/05	angles	.XXX ±.10		
AE	N06-0101	HB	04/13/06		0° ±3°	sheet 1 of 4	
AF	N06-0133	HB	05/17/06	dr	PETER		12/10/97
AG	N08-0198	R.B	2008/09/10	engr	R Y LIU	12/10/97	sheet 1 of 4
AH	N08-0238	R.B	2008/11/01	chr	R Y LIU	12/10/97	
			11/09/04	appd	JENN TSAO	12/10/97	
sheet index	revision sheet						

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form no. 7530-001-103

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PDM: Rev:AH

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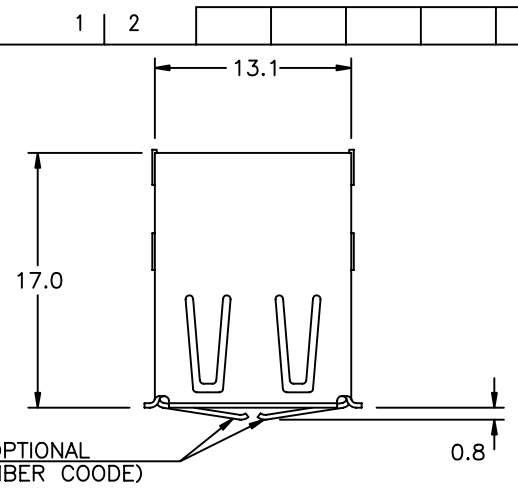
STATUS: Released  
 cage code: 22526  
 Date: Jul 28, 2010

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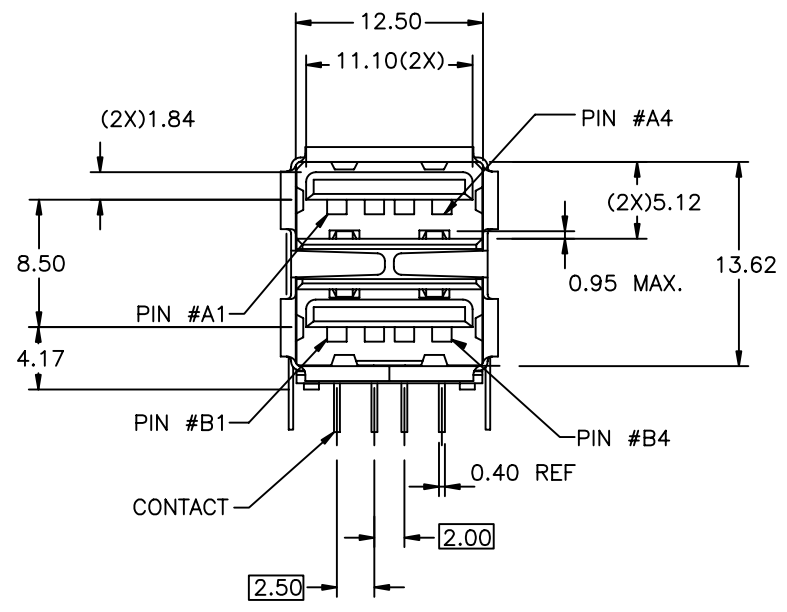
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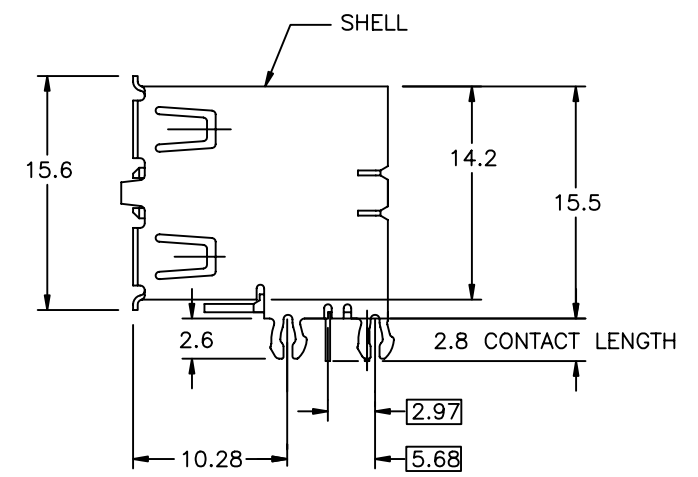


CONTACT ARMS OPTIONAL  
(SEE PRODUCT NUMBER CODE)

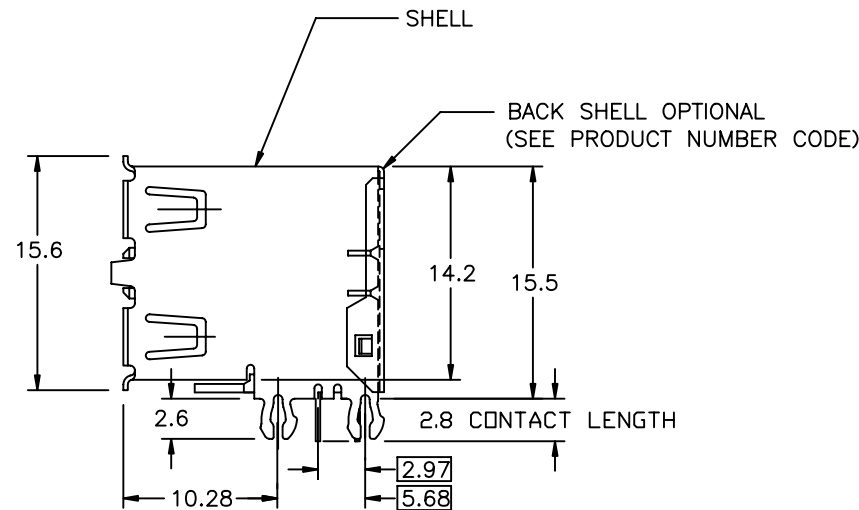
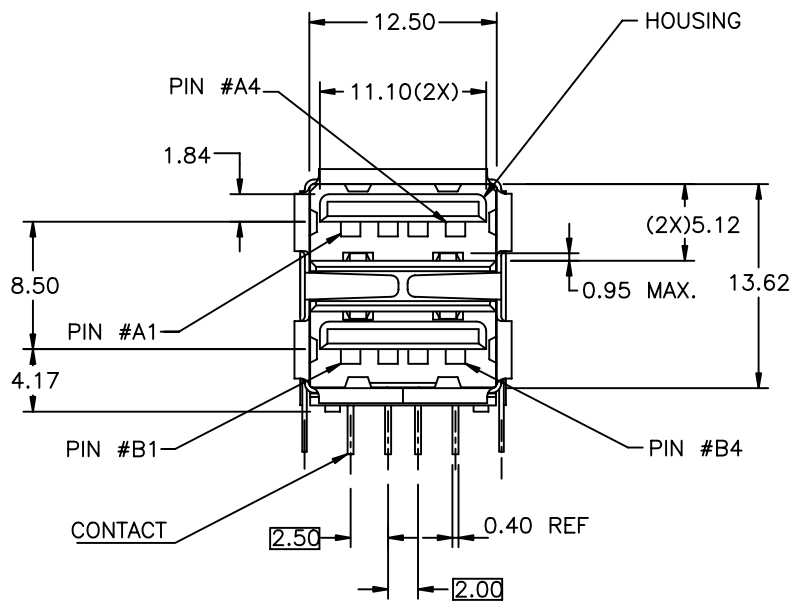
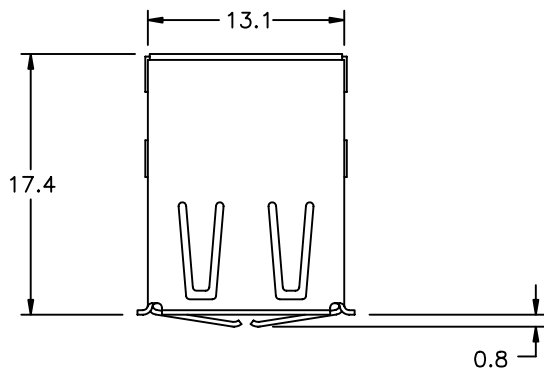


ASSEMBLY WITHOUT BACK SHIELD  
72309-XX3XX SHOWN

- (CONTINUED)
- FOR LEAD FREE P/N, A LEAD FREE LABEL WILL APPEAR AT PACKING.
  - 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.
  - FOR LEAD FREE P/N, THE PRODUCT MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008



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ltr	ecn no	dr	date	linear	.X ±.30		projection	www.fciconnect.com			
AH					.XX ±.20			title	UNIV. SERIAL BUS		
					.XXX ±.10				mm	DOUBLE DECK RECEPTACLE	
				angles	0° ±3°		scale	product family		code	
				dr	PETER PAM	12/10/97		2 : 1	USB		-
				engr	R Y LIU	12/10/97	size		sheet		
				chr	R Y LIU	12/10/97	72309		2 of 4		
				appd	JENN TSAO	12/10/97					
sheet index	revision sheet								cage code		



ASSEMBLY WITH BACK SHIELD  
72309 - XX4XX SHOWN

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

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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

- 0 - 50u" Ni UNDERPLATE,30u" GXT CONTACT AREA,100u" TIN/LEAD TAIL AREA  
2.80mm TAIL LENGTH
- 2 - 50u" Ni UNDERPLATE,30u" GOLD CONTACT AREA,100u" TIN/LEAD TAIL AREA  
2.80mm TAIL LENGTH
- 3 - 50u" Ni UNDERPLATE,30u" GOLD 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

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	

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NOTE 1 & 2						title UNIV. SERIAL BUS	
ltr	ecn no	dr	date	linear	projection	DOUBLE DECK RECEPTACLE	
AH						angles	
				dr	FUSSELMAN	5/10/96	product family USB
				enrg	J. DAVID	5/10/96	code -
				chr	J.DAVID	6/29/96	sheet 4 of 4
				appd	J.DAVID	6/29/96	
sheet	revision						
index	sheet						

form no. 7530-001-103

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STATUS: Released 22526 Date: Jul 28, 2010

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