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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)

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mat'l. code NOTE 1 & 2				tolerances unless otherwise specified		CUSTOMER COPY	FCJ www.fcjconnect.com	
ltr	ecn no	dr	date	linear	.X ±.30	projection	title	
AC	N05-0068	PH	03/09/05		.XX ±.20		UNIV. SERIAL BUS	
AD	N05-0106	PH	04/13/05		.XXX ±.10		DOUBLE DECK RECEPTACLE	
AE	N06-0101	HB	04/13/06	angles	0° ±3°	mm	product family	
AF	N06-0133	HB	05/17/06	PETER	12/10/97		USB	
AG	N08-0198	R.B	2008/09/10	engr	R Y LIU		12/10/97	code
AH	N08-0238	R.B	2008/11/01	chr	R Y LIU	12/10/97	size	
			11/09/04	appd	JENN TSAO	12/10/97	dwg no	
sheet	revision					scale	A4	72309
index	sheet					2:1		1 of 4

form no. 7530-001-103

1 | 2

PDM: Rev:AH

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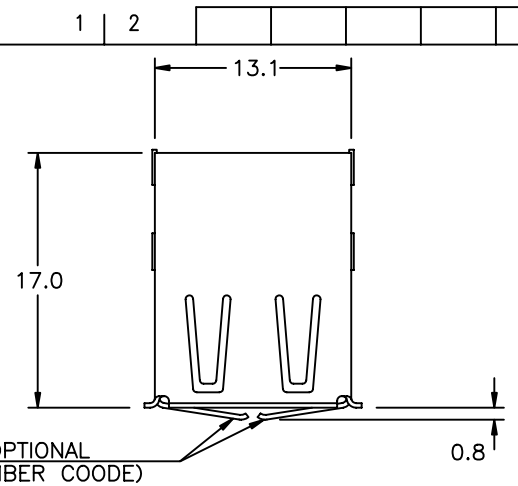
STATUS: Released 2008 Nov 07, 2008

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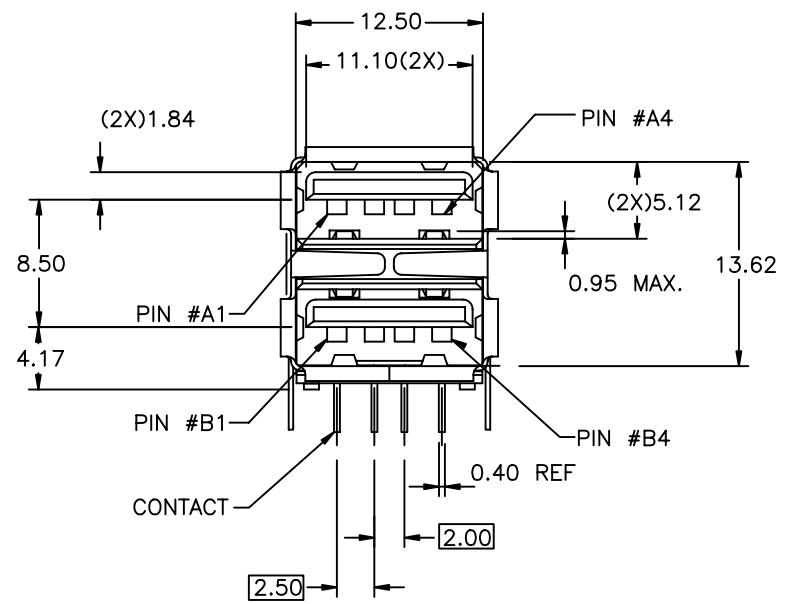
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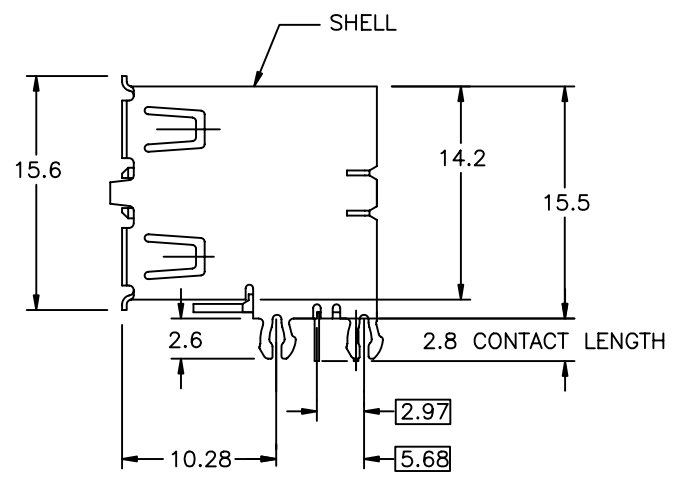


CONTACT ARMS OPTIONAL
(SEE PRODUCT NUMBER CODE)

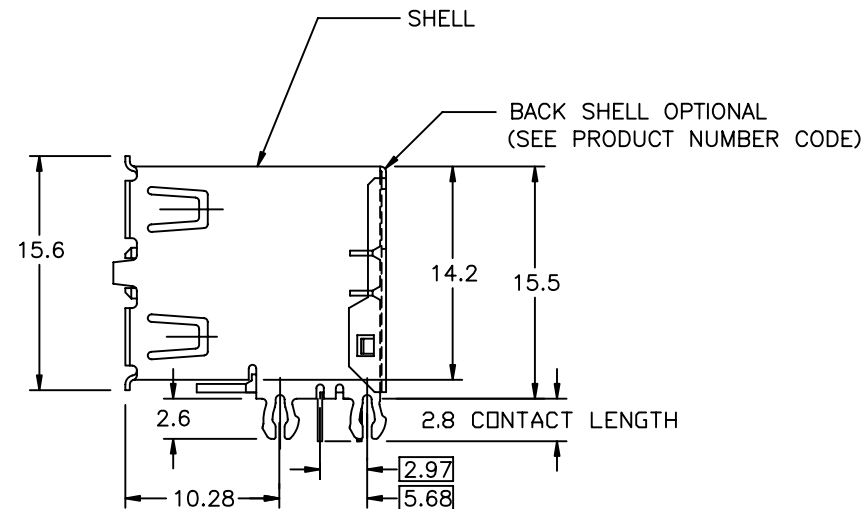
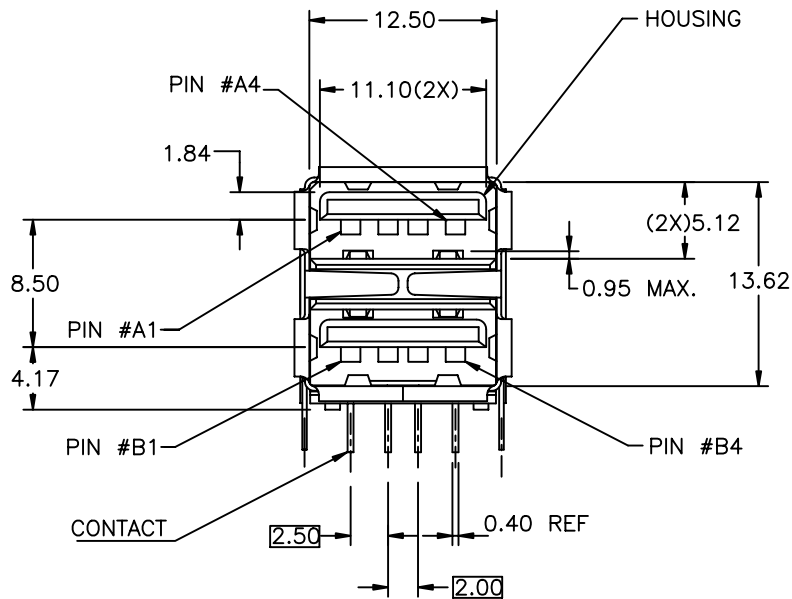
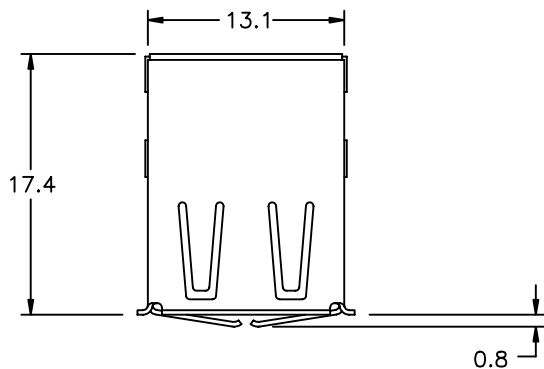


ASSEMBLY WITHOUT BACK SHIELD
72309-XX3XX SHOWN

- (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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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		USB		-	
				engr	R Y LIU	12/10/97		size		sheet	
				chr	R Y LIU	12/10/97		dwg no		2 of 4	
				appd	JENN TSAO	12/10/97		A4		72309	
sheet index	revision sheet						2 : 1				



ASSEMBLY WITH BACK SHIELD
72309 - XX4XX SHOWN

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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		72309		3 of 4
				appd	JENN TSAO	12/10/97	scale	A4		
sheet index		revision sheet					2 : 1			

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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
 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
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 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 72309-3015XPLF
 72309-1110X/7114XLF 72309-3045XPLF
 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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ltr	ecn no	dr	date	linear				projection	title UNIV. SERIAL BUS		
AH					angles				DOUBLE DECK RECEPTACLE		
				dr	FUSSELMAN	5/10/96	mm	scale 2:1	product family USB		code -
				enrg	J. DAVID	5/10/96			size dwg no		sheet 4 of 4
				chr	J.DAVID	6/29/96			A4		72309
				appd	J.DAVID	6/29/96					
sheet index	revision sheet										

form no. 7530-001-103

1 | 2

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STATUS: Released 2008 Nov 07, 2008

4