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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
ES	00	D4	REVISED ECR-17-010413	20JUL17	T.Z H.W

15.71 REF  
12.04 REF

0.92 ± 0.08 DIA  
 $\oplus \varnothing 0.1 \text{ (M) A (S) B (S)}$   
 4 PLC  
 2.3 ± 0.08 DIA  
 $\oplus \varnothing 0.1 \text{ (L) X Y}$   
 -A- 2 PLC  
 PIN2, PIN1, PIN3, PIN4  
 2.5, 4.77, 12.04, 4.71, 2.71  
 -B-, -X-, -Y- 3

PC BOARD MOUNTING DIMENSIONS  $\triangle 4$

$\triangle 1$  MATERIAL:  
 $\textcircled{1}$  SHELL : STAINLESS STEEL.  
 CONTACTS: COPPER ALLOY.  
 HOUSING: UL 94V-0 RATED, THERMOPLASTIC, BLACK.

$\triangle 2$  PLATING:  
 CONTACTS: 0.076 $\mu\text{m}$  MINIMUM GOLD OVER 0.76 $\mu\text{m}$  MINIMUM PALLADIUM-NICKEL ON MATING AREA.  
 3.8 $\mu\text{m}$  MINIMUM MATTE TIN ON SOLDER TAILS.  
 BOTH OVER 1.27 $\mu\text{m}$  MINIMUM NICKEL.  
 CONTACT ALTERNATE PLATING: 0.76 $\mu\text{m}$  MIN GOLD ON MATING AREA, 3.8 $\mu\text{m}$  MIN MATTE TIN ON SOLDER TAILS, BOTH OVER 1.27 $\mu\text{m}$  MIN NICKEL.  
 SHELL: 2.0~5.0 $\mu\text{m}$  MINIMUM TIN.

$\triangle 3$  DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.

$\triangle 4$  RECOMMENDED PC BOARD THICKNESS OF 1.57.

$\triangle 5$  PLATING:  
 CONTACTS: 0.76 $\mu\text{m}$  MINIMUM GOLD ON MATING AREA, 3.8 $\mu\text{m}$  MINIMUM MATTE TIN ON SOLDER TAILS, BOTH OVER 1.27 $\mu\text{m}$  MINIMUM NICKEL.  
 SHELL: 2.0~5.0 $\mu\text{m}$  MINIMUM TIN.

$\triangle 6$  PLATING:  
 CONTACTS: 0.38 $\mu\text{m}$  MINIMUM GOLD ON MATING AREA, 3.8 $\mu\text{m}$  MINIMUM MATTE TIN ON SOLDER TAILS, BOTH OVER 1.27 $\mu\text{m}$  MINIMUM NICKEL.  
 SHELL: 2.0~5.0 $\mu\text{m}$  MINIMUM TIN.

7 RECOMMEND:  
 MATING FORCE: 35N MAX.  
 UNMATING FORCE: 13N MIN.  
 RECOMMENDED MATING PLUG SHOULD MEET USB2.0 STANDARD.

12.03, 8.45, 11.05, 7.78, 2.5 REF  
 HOUSING, CONTACT TYP

11.5 REF, 3.93 REF 2 PLC, 10.28 REF 2 PLC, 3.01 ± 0.25 2 PLC  
 SHELL, SOLDER TAIL TYP

6.98 ± 0.25  
 SECTION X-X

$\triangle 6$	NO	BLACK	292304-5
$\triangle 5$	NO	BLACK	292304-4
$\triangle 2$	YES	BLACK	292304-3
$\triangle 2$	YES	NATURAL	292304-2
$\triangle 2$	NO	BLACK	292304-1
PLATING	HIGH TEMPERATURE COMPATIBLE	HOUSING COLOR	PART NUMBER

<small>THIS DRAWING IS A CONTROLLED DOCUMENT FOR AMP INCORPORATED. IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.</small>		DWN J.JIANG 23FEB04	Tyco electronics coporation Shanghai, P.R.China, 200233
DIMENSIONS: mm		CHK S.YAO 23FEB04	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ±0.1 3 PLC ± 4 PLC ± ANGLES ± FINISH		APVD T.SASAKI 23FEB04	NAME RECEPTACLE ASSEMBLY, RIGHT ANGLE, 4 POSITION, THRU-HOLE, TYPE B UNIVERSAL SERIAL BUS, LEAD FREE VERSION
MATERIAL $\triangle 1$		PRODUCT SPEC -	SIZE A2
FINISH $\triangle 2$		APPLICATION SPEC -	CAGE CODE 00779
CUSTOMER DRAWING		WEIGHT -	DRAWING NO C-292304
		SCALE 5:1	SHEET 1 OF 1
		REV D4	

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292304

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