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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  
 X.XX 3  
 -B-  
 4.71  
 2.71  
 4.77  
 12.04  
 -X- 3  
 -Y- 3

PC BOARD MOUNTING DIMENSIONS 4

1 MATERIAL:  
 1 SHELL : STAINLESS STEEL.  
 CONTACTS: COPPER ALLOY.  
 HOUSING: UL 94V-0 RATED, THERMOPLASTIC, BLACK.

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

3 DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.

4 RECOMMENDED PC BOARD THICKNESS OF 1.57.

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

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

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

6.98 ± 0.25

SECTION X-X

6	NO	BLACK	292304-5
5	NO	BLACK	292304-4
2	YES	BLACK	292304-3
2	YES	NATURAL	292304-2
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 Tyco electronics coporation Shanghai, P.R.China, 200233
DIMENSIONS: mm		CHK S.YAO 23FEB04	NAME RECEPTACLE ASSEMBLY, RIGHT ANGLE, 4 POSITION, THRU-HOLE, TYPE B UNIVERSAL SERIAL BUS, LEAD FREE VERSION
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ±0.1 3 PLC ± 4 PLC ± ANGLES ± FINISH 2		APVD T.SASAKI 23FEB04	SIZE A2
MATERIAL 1		PRODUCT SPEC -	CAGE CODE 00779
		APPLICATION SPEC -	DRAWING NO C-292304
		WEIGHT -	SCALE 5:1
		CUSTOMER DRAWING	SHEET 1 OF 1
			REV D4

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292304

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