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LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD		
B		REVISED(ECR-05-014095)	11OCT05	B.W.	S.Y.		

PC BOARD MOUNTING DIMENSIONS 4

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

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

3 DATUM AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.

4 RECOMMENDED PC BOARD THICKNESS OF 1.57.

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

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

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

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 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 ±0.1 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ± FINISH		APVD T.SASAKI 23FEB04	SIZE A2	CAGE CODE 00779	DRAWING NO C=292304
MATERIAL	1	WEIGHT	-	SCALE 5:1	SHEET 1 OF 1
CUSTOMER DRAWING			REV B		

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