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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

PC BOARD MOUNTING DIMENSIONS  $\Delta 4$

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

$\Delta 2$  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.

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

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

$\Delta 5$  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.

$\Delta 6$  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.

SECTION X-X

$\Delta 6$	NO	BLACK	292304-5
$\Delta 5$	NO	BLACK	292304-4
$\Delta 2$	YES	BLACK	292304-3
$\Delta 2$	YES	NATURAL	292304-2
$\Delta 2$	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	$\Delta 1$	PRODUCT SPEC	SIZE A2
		APPLICATION SPEC	CAGE CODE 00779
		WEIGHT	DRAWING NO C-292304
		CUSTOMER DRAWING	SCALE 5:1
			SHEET 1 OF 1
			REV D4

AMP 1471-9 REV 10/93 Translated 040217.101735 (YYMDD.HHMMSS) from Computervision, Inc., Medusa Revision 12.2.5T

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# Mouser Electronics

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[292304-3](#)