

4 3 2 1

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LOC		DIST		REVISIONS			
ES	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
				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 μ m MINIMUM GOLD OVER 0.76 μ m MINIMUM PALLADIUM-NICKEL ON MATING AREA.
 3.8 μ m MINIMUM MATTE TIN ON SOLDER TAILS.
 BOTH OVER 1.27 μ m MINIMUM NICKEL.
 CONTACT ALTERNATE PLATING: 0.76 μ m MIN GOLD ON MATING AREA, 3.8 μ m MIN MATTE TIN ON SOLDER TAILS, BOTH OVER 1.27 μ m MIN NICKEL.
 SHELL: 2.0~5.0 μ 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 μ m MINIMUM GOLD ON MATING AREA, 3.8 μ m MINIMUM MATTE TIN ON SOLDER TAILS, BOTH OVER 1.27 μ m MINIMUM NICKEL.
 SHELL: 2.0~5.0 μ m MINIMUM TIN.

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

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DWN	J.JIANG	23FEB04	Tyco Electronics Tyco electronics coporation Shanghai, P.R.China, 200233				
CHK	S.YAO	23FEB04					
APVD	T.SASAKI	23FEB04					
PRODUCT SPEC							
APPLICATION SPEC			RECEPTACLE ASSEMBLY, RIGHT ANGLE, 4 POSITION, THRU-HOLE, TYPE B UNIVERSAL SERIAL BUS, LEAD FREE VERSION				
MATERIAL	$\Delta 1$		SIZE	CAGE CODE	DRAWING NO		
			A2	00779	C-292304		
			CUSTOMER DRAWING	SCALE	SHEET	OF	REV
				5:1	1	1	D4

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[292304-5](#)