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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
 -X-XX, -X-, -Y-, -B-

PC BOARD MOUNTING DIMENSIONS $\triangle 4$

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

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

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

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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
CUSTOMER DRAWING		APPLICATION SPEC	CAGE CODE 00779
		WEIGHT	DRAWING NO C-292304
		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

292304

B

A

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