

4 3 2 1

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION .19
 BY AMP INCORPORATED. ALL RIGHTS RESERVED.

LOC		DIST		REVISIONS		
ES	00	P	LTR	DESCRIPTION	DATE	DWN
				D4 REVISED ECR-17-010413	20JUL17	T.Z H.W

0.92 ± 0.08 DIA
 4 PLC
 2.3 ± 0.08 DIA
 2 PLC

PIN2 PIN1
 PIN3 PIN4
 2.5
 4.77 12.04 4.71 2.71
 -X- -Y- -B- X.XX

PC BOARD MOUNTING DIMENSIONS 4

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

2 PLATING:
 CONTACTS: 0.076µm 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.

12.03
 8.45
 11.05
 7.78
 2.5 REF
 HOUSING
 CONTACT TYP

SHELL
 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

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

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	1		SIZE A2
FINISH	2		CAGE CODE 00779
			DRAWING NO C-292304
			SCALE 5:1
			SHEET 1 OF 1
			REV D4

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [USB Connectors](#) category:

Click to view products by [TE Connectivity](#) manufacturer:

Other Similar products are found below :

[65-647-8-BK-BU](#) [950](#) [952](#) [E8144-B01021-L](#) [A-USB B-TOP-C](#) [MUSBA511N5](#) [MUSBD11135](#) [217450-1](#) [KMBVX-TH-5S-B30](#) [896-30-004-00-000000](#) [KUSBVX-BS1N-W30](#) [KUSBX-AP-KIT-SCBLK](#) [KUSBX-AS2N-W](#) [KUSBX-SMT2AP1S-W](#) [KUSBX-SMT2AP1S-W30](#) [935](#) [957](#) [30-498-6](#) [17-210051](#) [1734082-1](#) [30-1574](#) [30-470](#) [30-489](#) [30-541](#) [30-572-3](#) [A-USB A-2P-C](#) [MIKROE-1451](#) [USBFTV2PEM2G](#) [USBFTVC6ZN](#) [KUSBX-AS2N-W30](#) [KUSBX-SLAS1N-W](#) [KUSBX-SMT-AS1N-W30](#) [4689-1](#) [1-1734084-2](#) [E8110-001-01](#) [33UBARS1-04SW11](#) [33UBAR-04SW11](#) [USBF21ZNSCC](#) [USBBFTV6ZC](#) [10135326-001LF](#) [USB-A-S-F-B-VT](#) [925](#) [4198](#) [690-024-633-031](#) [KUSBEX-BSFS1N-W](#) [USBFTVC6MRG](#) [UA-20BMFA-SL8001](#) [17-250101](#) [USBFTVC7ZC](#) [USBFTV75NF459](#)