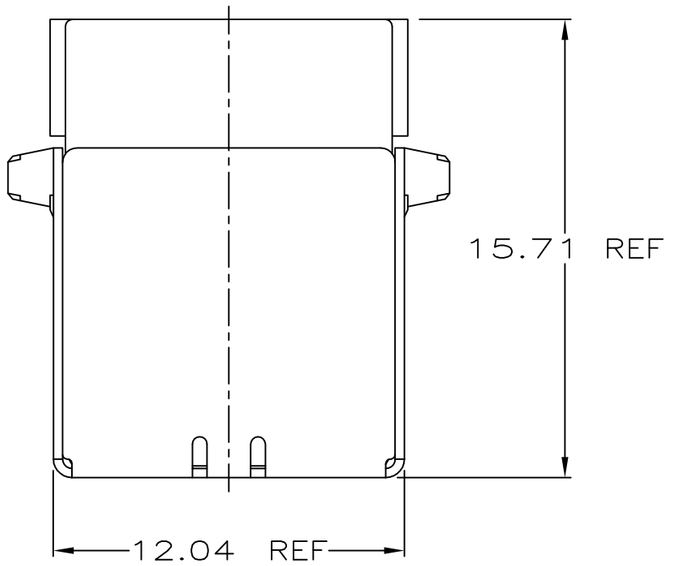
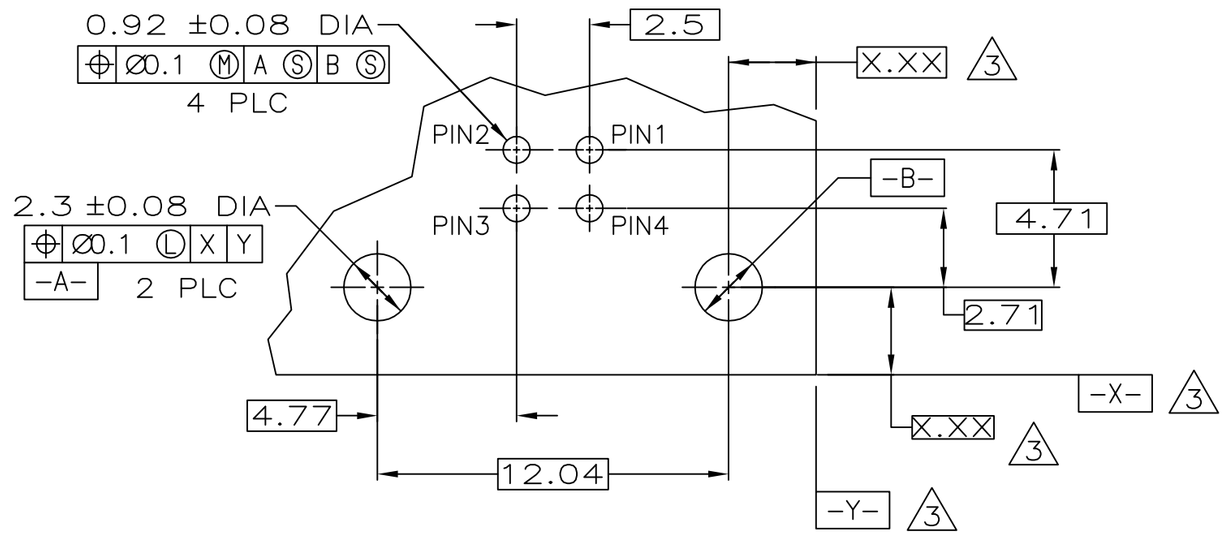
THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION ,19 .
© COPYRIGHT 19 BY AMP INCORPORATED. ALL RIGHTS RESERVED.

LOC	DIST
ES	00

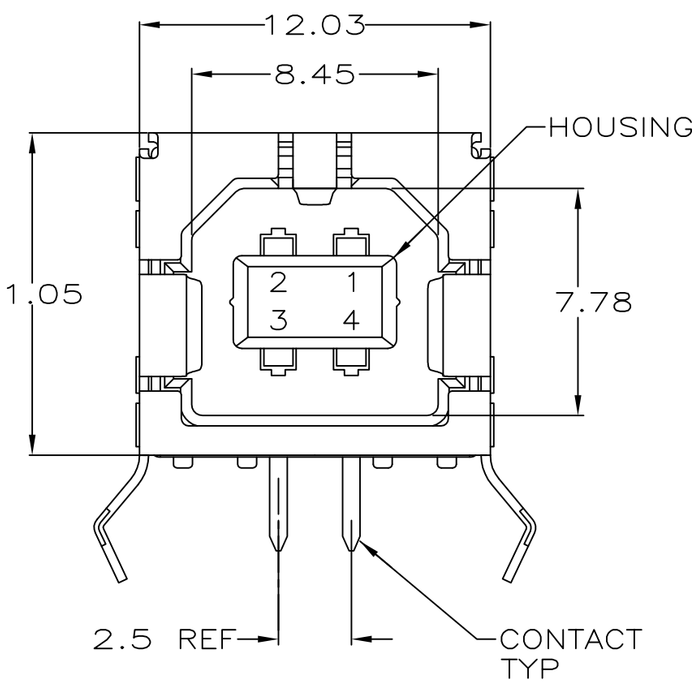
REVISIONS

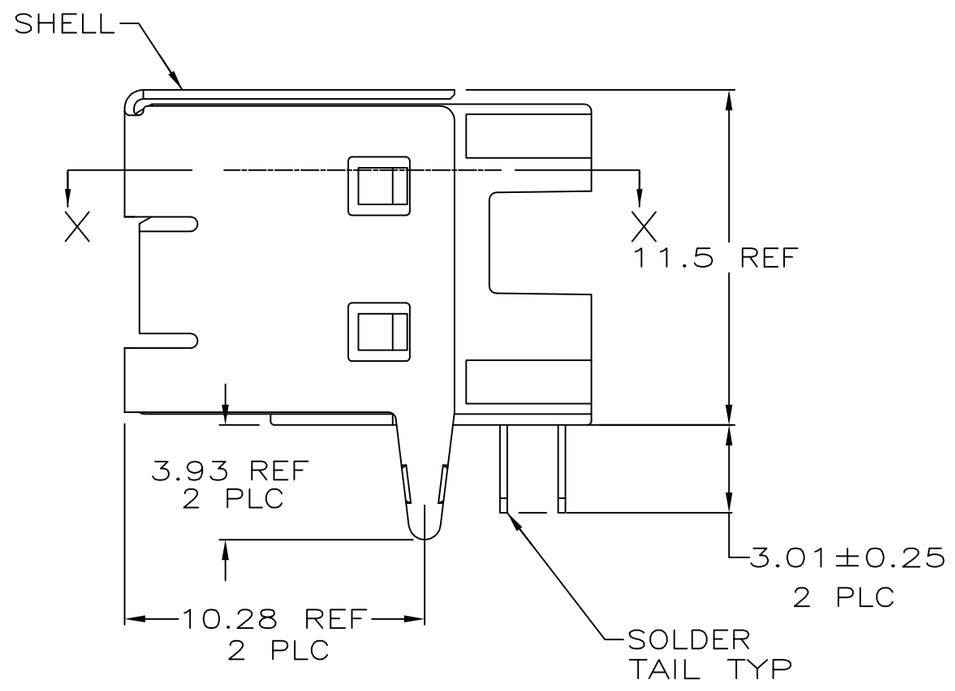
P	LTR	DESCRIPTION	DATE	DWN	APVD
	D2	REVISED ECR-08-018445	23JUL08	A.Z.	S.Y.

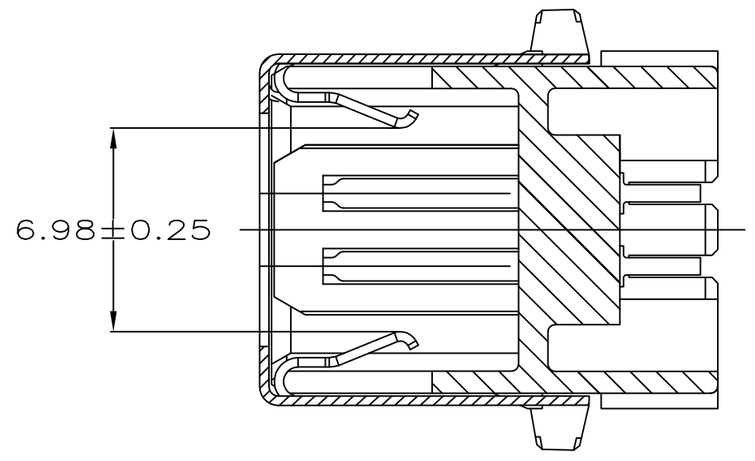




PC BOARD MOUNTING DIMENSIONS 4







SECTION X-X

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.

	PLATING	HIGH TEMPERATURE COMPATIBLE	HOUSING COLOR	PART NUMBER
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

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.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±-
2 PLC ±0.1
3 PLC ±-
4 PLC ±-
ANGLES ±-

MATERIAL 1
FINISH 2

DWN	J.JIANG	23FEB04
CHK	S.YAO	23FEB04
APVD	T.SASAKI	23FEB04
PRODUCT SPEC	—	
APPLICATION SPEC	—	
WEIGHT	—	

CUSTOMER DRAWING

Tyco Electronics
Tyco electronics coporation
Shanghai, P.R.China, 200233

NAME
RECEPTACLE ASSEMBLY, RIGHT ANGLE, 4 POSITION, THRU-HOLE, TYPE B
UNIVERSAL SERIAL BUS, LEAD FREE VERSION

SIZE	CAGE CODE	DRAWING NO
A2	00779	C-292304

SCALE	SHEET	REV
5:1	1 OF 1	D2

292304

Translated 040217,101735 (YYMMDD.HHMMSS) from Computervision, Inc., Medusa Revision 12.2.5T