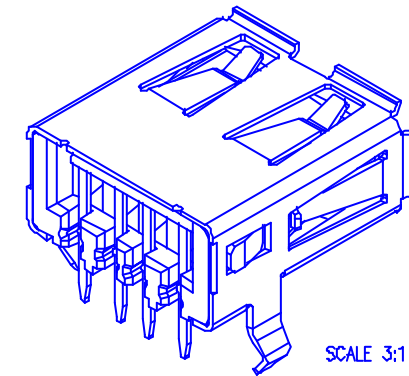
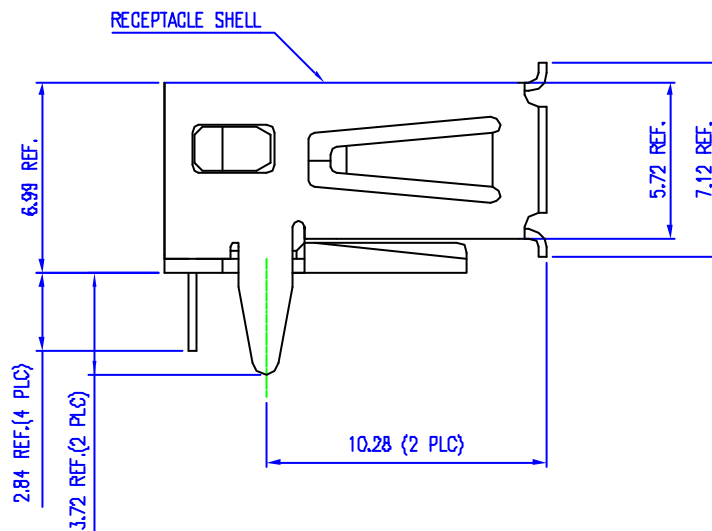
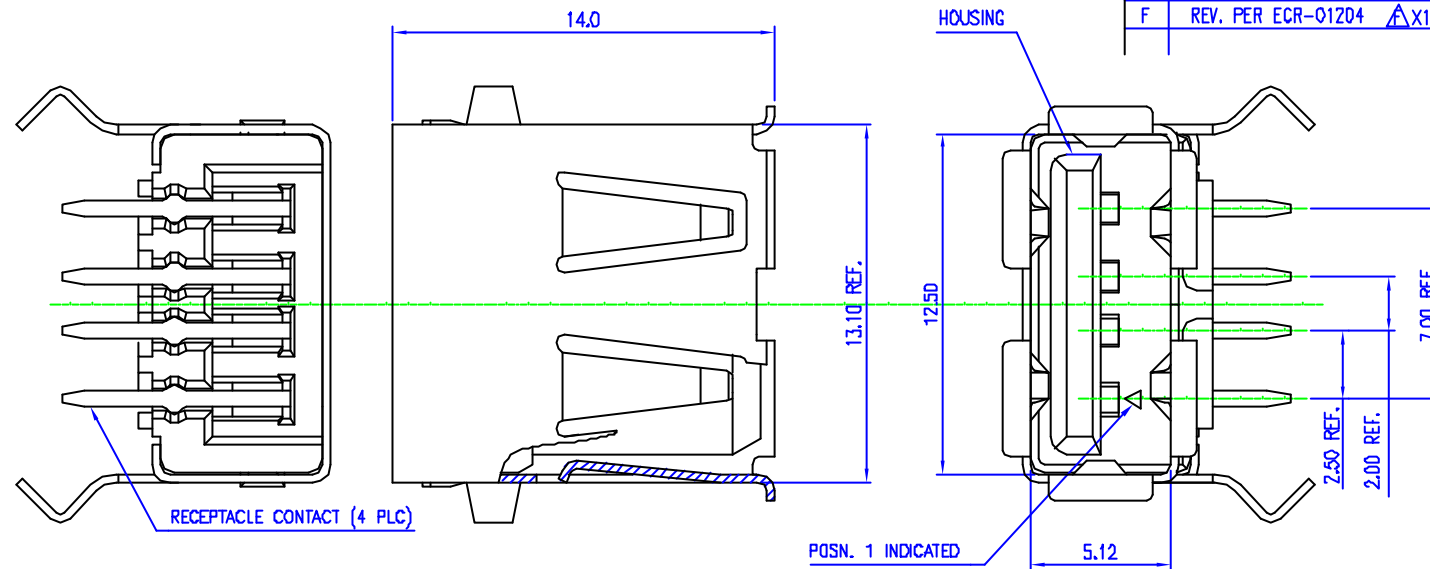


REV.	DESCRIPTION	DRAWN/DATE	CHECK/DATE	APPROVED/DATE
A	NEW RELEASE PER ECR98097	STANLY 12/17/'98	MAX 12/17/'98	J.CHEN 12/17/'98
B	REV. PER ECR-99165 Δ x1	KELLY 05/07/99'	MAX 05/10/99'	J.CHEN 05/10/99'
C	REV. PER ECR-99826 Δ x2	KELLY 12/30/99'	MAX 12/30/99'	J.CHEN 12/31/99'
D	REV. PER ECR-00249 Δ x1	KELLY 07/27/00'	~	LUEN 07/07/00'
E	REV. PER SZECR-01244 Δ x2	A.KING 04/09/01'	TOM 04/10/01'	ROGER 04/10/01'
F	REV. PER ECR-01204 Δ x1	KELLY 06/13/01'	~	MAX 06/14/01'



GENERAL TOLERANCE		ANGLE TOLERANCE		DRAWN	DATE	 Mega-Chip Electronics Pte Ltd
X	±0.38	X	±3.0°	STANLY	12/17/'98	
.X	±0.25	.X	±2.0°	DESIGN	DATE	TITLE RECEPTACLE CONNECTOR, R/A THRU-HOLE FOR USB SERIES A (CUSTOMER DRAWING)
.XX	±0.13	.XX	±1.0°	Max	03/02/98'	
XXX	±0.05			CHECKED	DATE	SERIES USB A TYPE SERIES
				Max	12/17/99'	
MATERIAL SEE NOTES		APPROVED		J.CHEN	12/17/99'	SIZE A3 DRAWING NO. C-UAR27-QD-QD REV. F
FINISH SEE NOTES		UNIT				
SCALE 5 : 1		SHEET 1 OF 2				

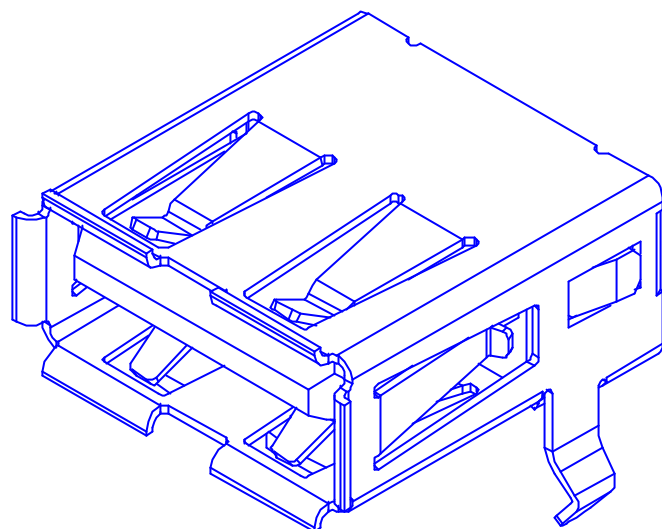


TABLE A: PRODUCT NUMBERING CODE:

UAR27-4 * * * * D

① ② ③ ④

① INSULATOR COLOR & LOGO:

K: BLACK

W: WHITE

△ N: NATURE

② CONTACT PLATING:

2: Au 5u"

△ 5: Au 30u"

③ SHELL PLATING & LOGO:

1: TIN/LEAD PLATED

4: Au PLATED

△ J: Ni PLATED

△ ④ INSULATOR MATERIALS:

0 : PBT

1 : PCT

NOTES :

1.0. RATING :

1.1. VOTAGE : 30 VAC (R.M.S.)

1.2. CURRENT : 1.0 AMPERE MAXIMUM PER CONTACT AT 30°C T-RISE

1.3. TEMPERATURE : -55°C TO +85°C

2.0. ELECTRICAL CHARACTERISTIC :

2.1. CONTACT RESISTANCE : 30 MILLIOHMS MAXIMUM INITIAL

2.2. INSULATION RESISTANCE : 1,000 MEGOHMS MINIMUM

△ 2.3. DIELECTIC WITHSTANDING VOLTAGE : 500 VAC AT SEE LEVEL

3.0. MATERIALS :

3.1. SHELL : COPPER ALLOY

3.2. HOUSING: THERMOPLASTIC, GLASS FILLED, 130°C, UL 94V-0 RATED

3.3 CONTACT : COPPER ALLOY

4.0. FINISHES :

4.1. SHELL : TIN-LEAD PLATED OVER COPPER

4.2. CONTACT : 5u" GOLD PLATING

5.0. OTHERS :

5.1. RECOMMENDED PC BOARD THICKNESS OF 1.57mm

5.2. THIS ALLOW FOR A PANEL THICKNESS OF 2.67mm MAXIMUM, IF THE RECEPTACLE CONNECTOR IS MOUNTED BEHIND A PANEL.

5.3. RECOMMENDED PC BOARD MOUNTING DIMMENSION : REFER FIGURE A

5.4 DATUM AND BASIC DIMMENSIONS ESTABLISHED BY CUSTOMER.

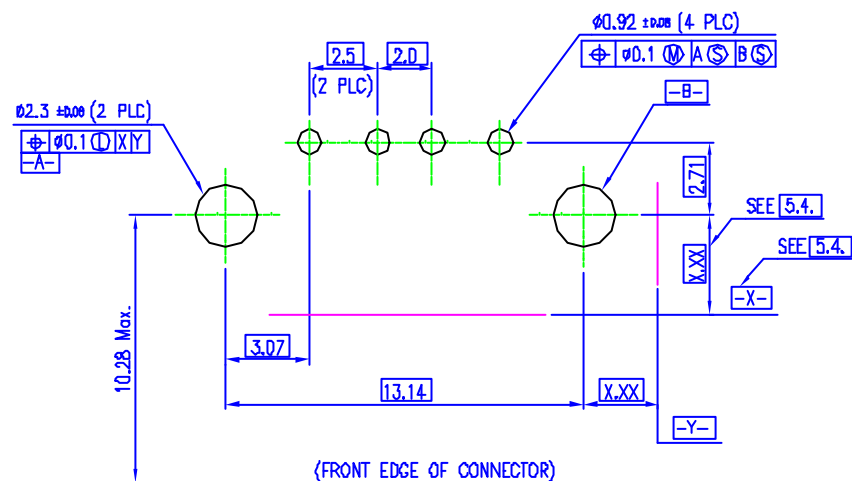


FIGURE C: PWB FOOTPRINT FOR RECEPTACLE (THROUGH-HOLE)

GENERAL TOLERANCE		ANGLE TOLERANCE		DRAWN	DATE
X	±0.38	X'	±3.0"	STANLY	12/17/'98
X	±0.25	.X	±2.0"	DESIGN	DATE
XX	±0.13	.XX	±1.0"	Max	03/02/98'
XXX	±0.05			CHECKED	DATE
MATERIAL SEE NOTES				Max	12/17/99'
FINISH SEE NOTES				APPROVED	DATE
SCALE 5 : 1	UNIT mm			J.CHEN	12/17/99'
SHEET 2 of 2					



Mega-Chip
Electronics Pte Ltd

TITLE
RECEPTACLE CONNECTOR, R/A
THRU-HOLE FOR USB SERIES A
(CUSTOMER DRAWING)

SERIES USB A TYPE SERIES
DRAWING NO. C-UAR27-00-00
SIZE A3
REV. F