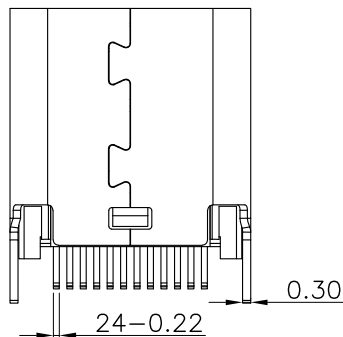
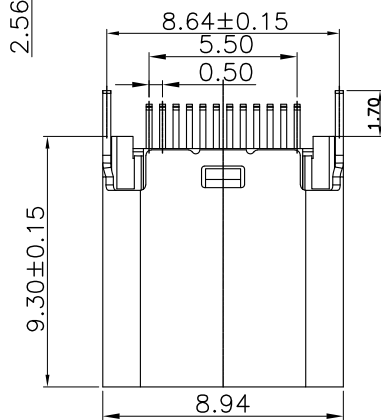
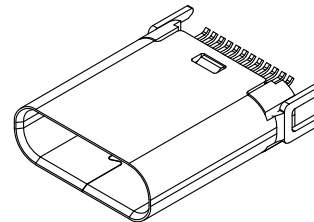
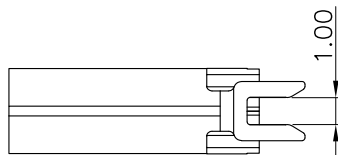
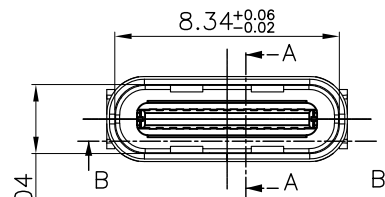
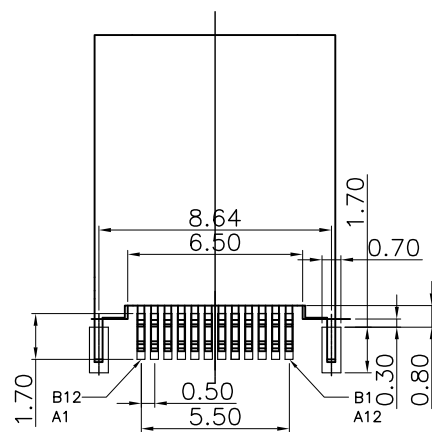
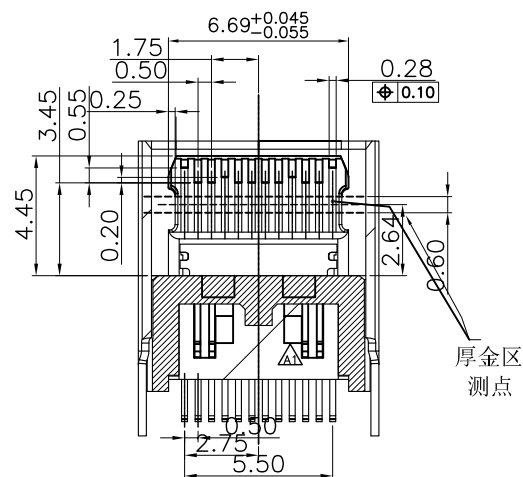
SECTION A-A
SCALE 1:1RECOMMENDED P.C.B. LAYOUT (T:1.00mm)
TOLERANCE UNSPECIFIED ±0.05mmSECTION B-B
SCALE 1:1

USB TYPE-C FULL-FEATURED RECEPTACLE INTERFACE PIN ASSIGNMENTS

PIN	Signal Name	Description	PIN	Signal Name	Description
A1	GND	Ground return	B12	GND	Ground return
A2	SSTxp1	Positive half of first SuperSpeed TX differential pair	B11	SSRxp1	Negative half of first SuperSpeed RX differential pair
A3	SSTxm1	Negative half of first SuperSpeed TX differential pair	B10	SSRxm1	Positive half of first SuperSpeed RX differential pair
A4	Vbus	Bus Power	B9	Vbus	Bus Power
A5	CC1	Configuration Channel	B8	SRU2	Sideband Use (SRU)
A6	Dp1	Positive half of the USB 2.0 differential pair-Position 1	B7	Dn2	Negative half of the USB 2.0 differential pair-Position 2
A7	Dn1	Negative half of the USB 2.0 differential pair-Position 1	B6	Dp2	Positive half of the USB 2.0 differential pair-Position 2
A8	SRU1	Sideband Use (SRU)	B5	CC2	Configuration Channel
A9	Vbus	Bus Power	B4	Vbus	Bus Power
A10	SSRxm2	Negative half of second SuperSpeed RX differential pair	B3	SSTxm2	Positive half of second SuperSpeed TX differential pair
A11	SSRxp2	Positive half of second SuperSpeed RX differential pair	B2	SSTxp2	Negative half of second SuperSpeed TX differential pair
A12	GND	Ground return	B1	GND	Ground return

NOTES:

1.MATERIAL:

MOLDING: LCP UL94 V-0

CONTACT: COPPER ALLOY.

PLATED GOLD ON CONTACT AREA,
G/F GOLD ON SOLDER AREA,
50u" NICKEL PLATING OVER ALL.

OUTER SHELL: SUS304-H,T=0.30±0.03mm

50u" NICKEL SOLDER AREA TAIL

EMI SHIELD: SUS304-H,T=0.12±0.03mm

LATCH: SUS301,T=0.15±0.03mm

2.MECHANICAL:

INSERTION: 5~20N.

EXTRACTION: 8~20N.

DURABILITY: 10000 CYCLES

3.ELECTRICAL:

CURRENT: 5A MAX FOR VBUS;

1.25A FOR GND, 0.25A FOR OTHER OTHER.

VOLTAGE: 20VDC MAX

WITHSTANDING VOLTAGE: 100V AC.

CONTACT RESISTANCE: 40mΩ MAX.

INSULATION RESISTANCE: 100MΩ MIN.

4.ENVIRONMENTAL

TEMPERATURE RANGE -40°C ~ +85°C



深圳市华宇创精密电子有限公司

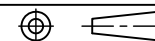
TOLERANCE:

X.X ±0.30

X.XX ±0.25

X.XXX ±0.15

X' ±2" X.X' ±0.5'



UNIT: mm [inch]

SCALE: 1:1 SIZE: A4

DRAWN BY :

陈一鸣

DATE :

2014-02-23

PART NAME:

USB TYPE C 母座24P 夹板1.0 9.3H

CHECKED BY:

马跃

DATE :

2014-02-23

PART NO.

HYCW642-USBC24-100B

APPROVED BY:

邱敏

DATE :

2014-02-23

DRAW NO:

HYC-2502111901

SHEET NO.

1 OF 1