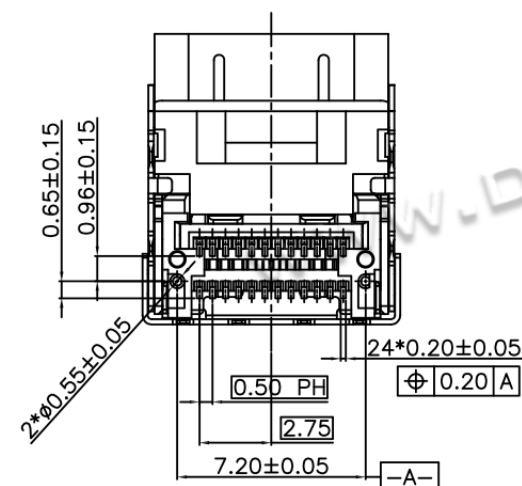
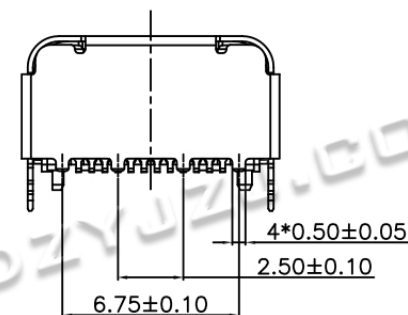
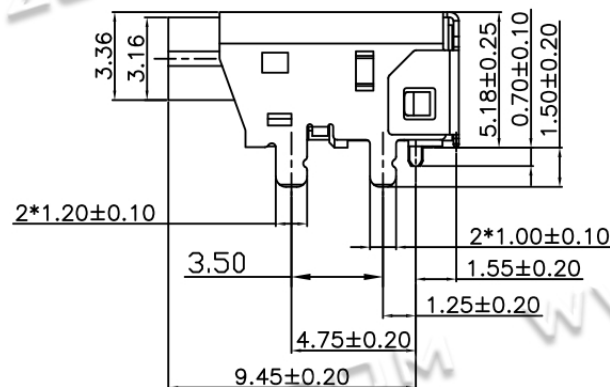
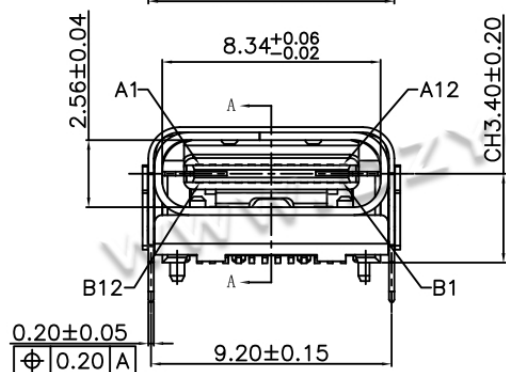
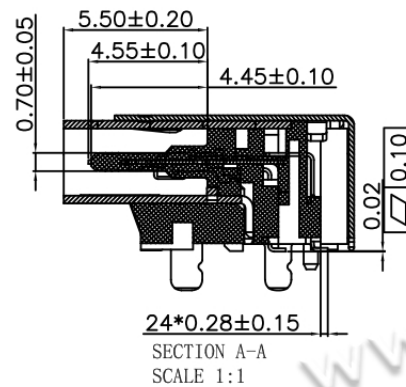
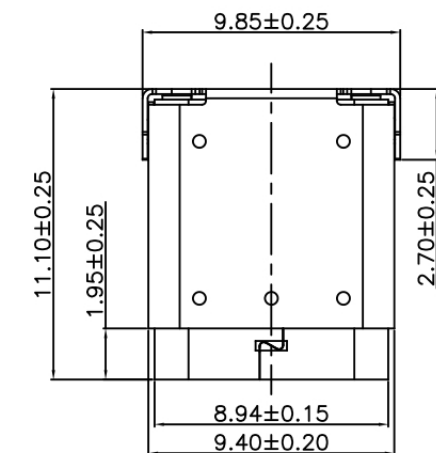
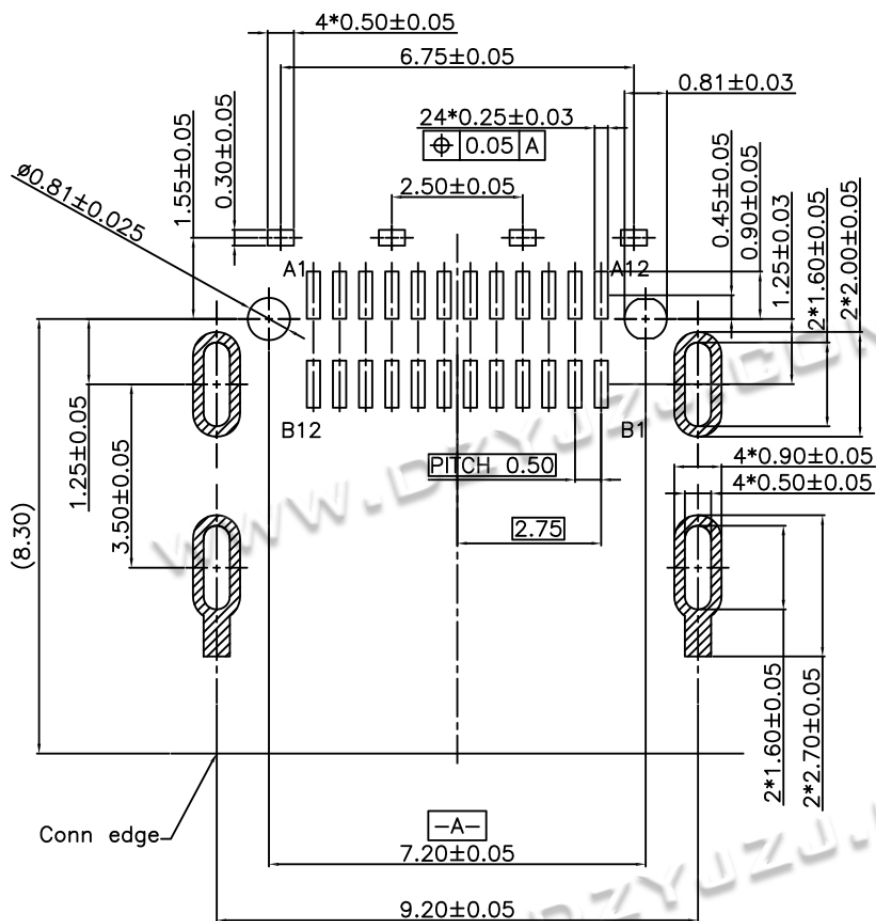
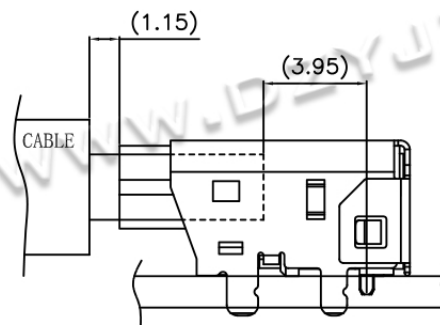




深圳市华宇创精密电子有限公司

TOLERANCE: X.X ±0.30 X.XX ±0.25 X.XXX ±0.15 X.' ±2' X.X' ±0.5'	DRAWN BY :	DATE :	PART NAME:
	陈一鸣	2014-02-23	USB TYPE C 母座24P 板上双排SMT L=11.1 CH=3.4
 UNIT: mm [inch] SCALE: 1:1 SIZE: A4	CHECKED BY:	DATE :	PART NO.
	马跃	2014-02-23	HYC489-USBC24-111
	APPROVED BY:	DATE :	DRAW NO:
	邱敏	2014-02-23	HYC-2311131539
			SHEET NO.
			1 OF 1

RECOMMENDED PCB LAYOUT(TOP) SCALE 2:1
THICKNESS=1.2mm

Mating

A1	GND	B12	GND
A2	SSTXP1	B11	SSRXP1
A3	SSTXN1	B10	SSRXN1
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	DP1	B7	DN2
A7	DN1	B6	DP2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	SSRXN2	B3	SSTXN2
A11	SSRXP2	B2	SSTXP2
A12	GND	B1	GND
PIN	SIGNAL NAME	PIN	SIGNAL NAME

Specifications:

1.0 Electrical performance:

1.1 Contact resistance: 40mΩ max for initial.
10mΩ change after test. measure at 20mv,
100mA.

1.2 Dielectric withstanding voltage:AC 100V(rms).

1.3 Insulation resistance:100MΩ min.

1.4 Contact current rating:

3A for Vbus pin;1.25A for Vconn and GND
pin;0.25A for all the other pin.

1.5 Voltage: 5 Vac (rms).

2.0 mechanical performance:

2.1 Mating force:5~20N

2.2 Unmating force:8~20N Initial test,
6~20N After test

2.3 Durability:10,000 cycles.

3.0 Environmental performance:

3.1 Temperature range:

3.2 Operating temperature:-25°to+85°.

3.3 Storage temperature:-20°to+60°.

4.0 Material:

4.1 Housing:LCP Black,UL94-V0.

4.2 Contact:C7025,T=0.12mm

4.3 Mid-plate: SUS301,T=0.15mm

4.4 Shell-in:SUS304 T=0.30mm

4.5 Shell-out:SUS301 T=0.20mm

5.0 Plating specification:

5.1 Contact:Au(see table) plated on contact area
Matte Tin plated 100u"min on solder
area;Nickel 50u"min underplating over all.

5.2 Shell-out: Nickel 30u"min plating over all.



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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 :

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PART NAME:

USB TYPE C 母座24P 板上双排SMT L=11.1 CH=3.4

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SHEET NO.

1 OF 1