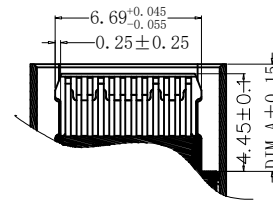
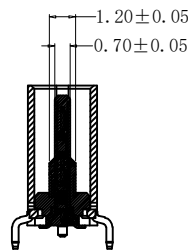
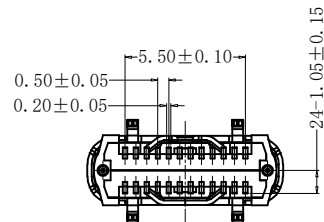
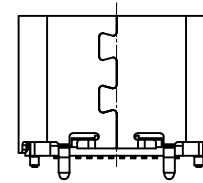
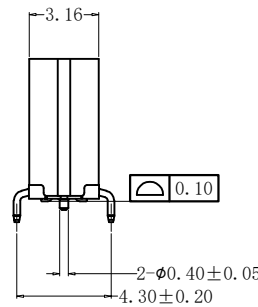
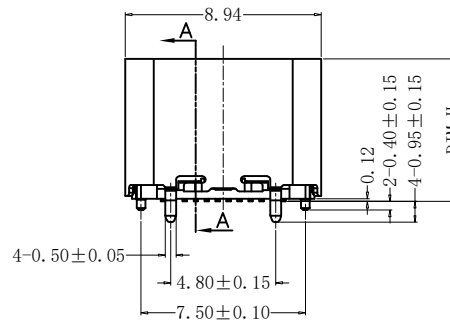
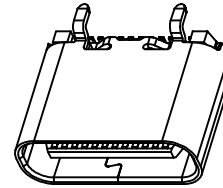
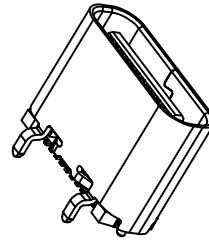
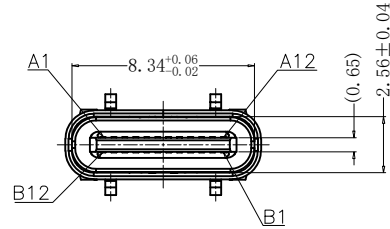
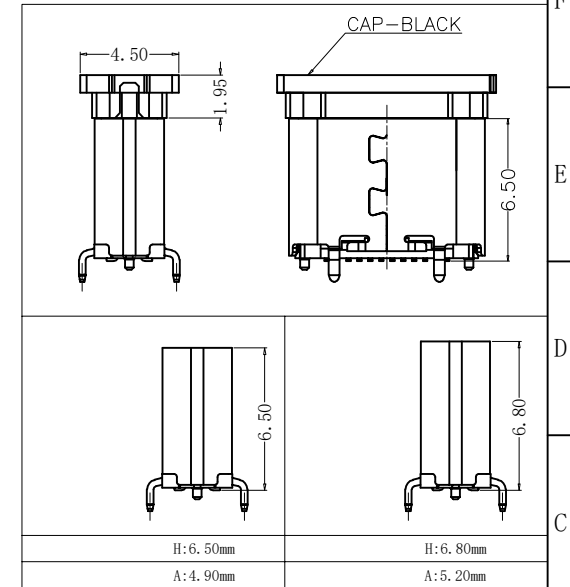


RoHs

VER	MARK	PR. BY	ECR/ECN DESCRIPTION	DATE
A		ZBLEI	NEW RELEASE	7/19' 21
B	△	DENG	综合整理图纸	01/06' 25



SECTION A-A



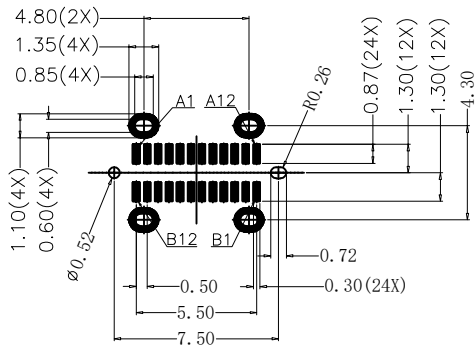
Note: 24pin with ground plate; 16pin without ground plate;

NO.	PART NAME	Q'TY	MATERIAL	FINISH
1	Shell	1	SUS304-1/2H, T=0.30mm	50u"Ni Min.
2	TERMINAL	2	C7025, T=0.12mm,	1u" Au G/F 50u"Ni Min
3	MID PLATE	1	SUS301-H, T=0.15mm	wash
4	GROUND PLATE	2	SUS301-H, T=0.10mm	wash
5	Housing	1	LCP BLACK	UL 94 V-0

CUSTOMER		GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: Song	TITLE: TYPE-C母座 24P 直立式双排 (H6.5) LCP 黑色C7025 1u" Au SUS304 镀亮镍 无焊片	深圳市辉焕科技有限公司	
SIZE A4	UNITS MM[INCH]	X±0.50 .X±0.35	X'±5.0' .X'±3.0'	CHECKED BY: Tang	PART NO.: HH 24P TYPE-C (Y007)		
SCALE 1:1	REV. B	.XX±0.25 .XXX±0.15	.XX'±2.5' .XXX'±2.0'	DESIGN BY: Deng	DWG NO.: HH 24P TYPE-C (Y007)	SHEET 1/3	

RoHs

RECOMMENDED P.C.B. LAYOUT(24 Pin)



TOLERANCE UNSPECIFIED $\pm 0.05\text{mm}$
RECOMMENDED PCB THICKNESS: $0.8 \pm 0.10\text{mm}$

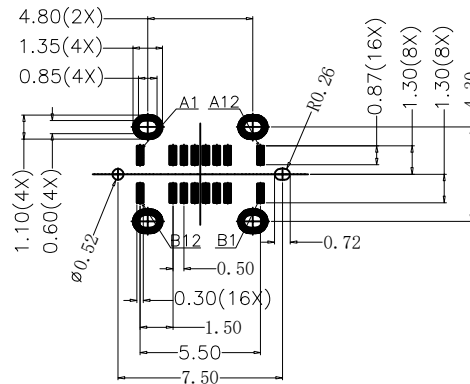
USB TYPE-C 24PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
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

USB TYPE-C 16PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	—	B11	—
A3	—	B10	—
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	—	B3	—
A11	—	B2	—
A12	GND	B1	GND

RECOMMENDED P.C.B. LAYOUT(16 Pin)



TOLERANCE UNSPECIFIED $\pm 0.05\text{mm}$
RECOMMENDED PCB THICKNESS: $0.8 \pm 0.10\text{mm}$

VER	MARK	PR. BY	ECR/ECN	DESCRIPTION	DATE
A		ZBLEI		NEW RELEASE	7/19' 21
B	△	DENG		综合整理图纸	01/06' 25

SPECIFICATION:

1. MATERIAL:

- 1-1.HOUSING&MOLDING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0 COLOR:BLACK
- 1-2.CONTACTS:COPPER ALLOY T=0.12mm
- 1-3.SHELL:STAINLESS STEEL SUS304-1/2H,T=0.30
- 1-4.MID PLATE: STAINLESS STEEL(SUS301)T=0.15mm
- 1-5.EMI PLATE: STAINLESS STEEL(SUS301)T=0.10mm

2.PLATING SPECIFICATION:

2-1.CONTACTS:

- Ni 50u" MIN. UNDER PLATED OVER ALL.
- Au PLATED ON THE MATING AREA OF CONTACT.
- Au PLATED ON THE SOLDER AREA.

2-2.SHELL:Ni 30u" MIN. UNDER PLATED OVER ALL.

2-3.MID PLATE:CLEAR ONLY

2-4.EMI PLATE:CLEAR ONLY

3. MECHANICAL:

- 3.1.MATING FORCE:0.5~2.0kgf;
- 3.2.UNMATING FORCE:0.8~2.0kgf.
- 0.6~2.0kgf AFTER DURABILITY TEST;
- 3.3.DURABILITY:10000 CYCLES;

4.ELECTRICAL:

- 4.1.CURRENT RATING:5A Max;
- 4.2.VOLTAGE RATING:20V Max;
- 4.3.DIELECTRIC WITHSTANDING VOLTAGE:100Vac;
- 4.4.CONTACT RESISTANCE:40m Ohms Max.;
- 4.5.INSULATION RESISTANCE:100M Ohms Min.;

5.ENVIRONMENTAL:

- 5.1.OPERATING TEMPERATURE:-40°C~+85°C;
- 5.2.WETTING TEMPERATURE:265±5°C,5±0.5s
- 5.3.Salt Spray Test:48H Min

16Pin

NO.	Model Number	PN.	DESCRIPTION
1.	H6.50mm 16Pin	1016-Y393	LCP黑色 端子C7025镀金1u" 外壳SUS304 镀亮镍
2.	H6.80mm 16Pin	1016-Y397	LCP黑色 端子C7025镀金1u" 外壳SUS304 镀亮镍

24Pin

NO.	Model Number	PN.	DESCRIPTION
1.	H6.50mm 24Pin	1024-Y007	LCP黑色 端子C7025镀金1u" 外壳SUS304 镀亮镍
2.	H6.80mm 24Pin	1024-Y011	LCP黑色 端子C7025镀金1u" 外壳SUS304 镀亮镍

CUSTOMER

GENERAL TOLERANCES
UNLESS SPECIFIED

APPROVED BY:

Song

TITLE:

TYPE-C母座 24P 直立式双排 (H6.5)
LCP 黑色C7025 1u" Au
SUS304 镀亮镍 无镀片

深圳市辉焕科技有限公司

SIZE

UNITS

X±0.50

X'±5.0'

CHECKED BY:

Tang

A4

MM[INCH]

.X±0.35

.X'±3.0'

PART NO.:

HH 24P TYPE-C (Y007)

SCALE

REV.

.XX±0.25

.XX'±2.5'

DESIGN BY:

Deng

1:1

B

.XXX±0.15

.XXX'±2.0'

DWG NO.:

HH 24P TYPE-C (Y007)

SHEET

2/3

