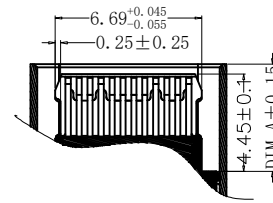
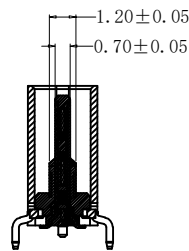
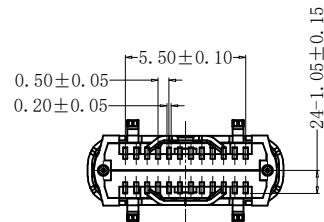
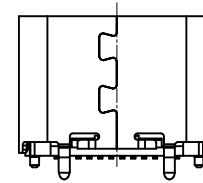
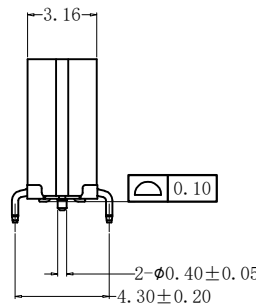
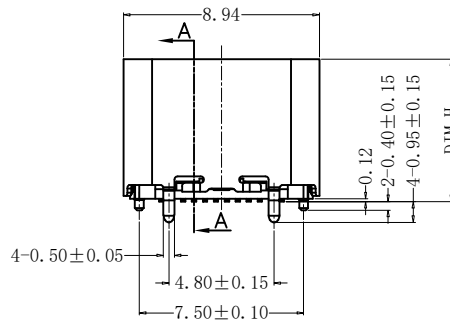
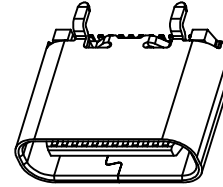
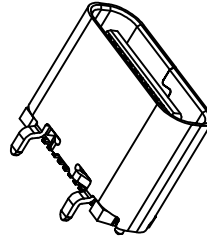
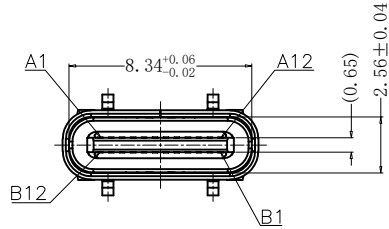
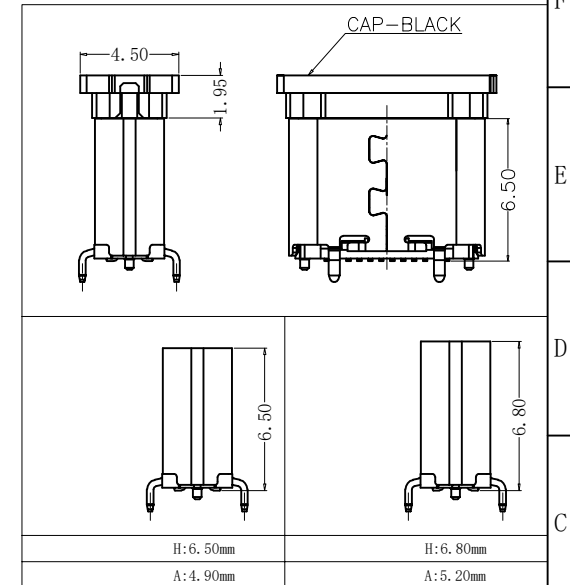


RoHs

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

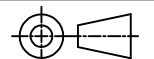


Note: 24pin with ground plate; 16pin without ground plate;

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

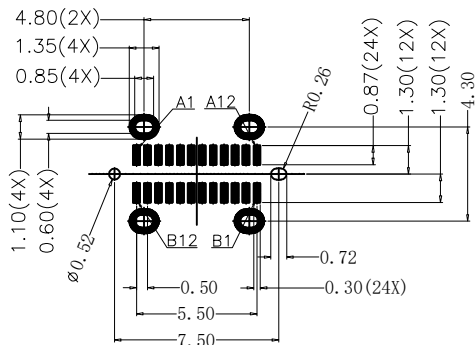
CUSTOMER		GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY:	TITLE: TYPE-C母座 16P 直立式双排 (H6.8) LCP 黑色C7025 1u" Au SUS304 镀亮镍 无弹片	
SIZE	UNITS	X±0.50	X'±5.0°	Song	CHECKED BY:	PART NO.: HH 16P TYPE-C (Y397)
A4	MM[INCH]	.X±0.35	.X'±3.0°	Tang		
SCALE	REV.	.XX±0.25	.XX'±2.5°	DESIGN BY:	DWG NO.: HH 16P TYPE-C (Y397)	SHEET 1/3
1:1	B	.XXX±0.15	.XXX'±2.0°	Deng		

深圳市辉焕科技有限公司



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

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

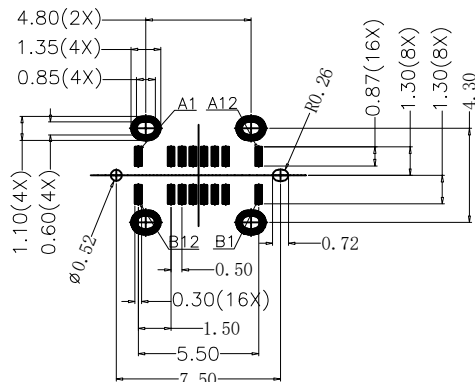


TOLERANCE UNSPECIFIED $\pm 0.05\text{mm}$
RECOMMENDED PCB THICKNESS: $0.8 \pm 0.10\text{mm}$

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

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



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

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

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	CP黑色 端子C7025镀金1u" 外壳SUS304 镀亮镍
2.	H6. 80mm 16Pin	1016-Y397	CP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 16P 直立式双排 (H6.8) LCP 黑色C7025 1u" Au SUS304 镀亮镍 无弹片	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 16P TYPE-C (Y397)		
SCALE 1:1	REV. B	.XX±0.25 .XXX±0.15	.XX*±2.5* .XXX*±2.0*	DESIGN BY: Deng	DWG NO.: HH 16P TYPE-C (Y397)		
						SHEET 2/3	

