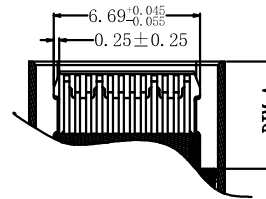
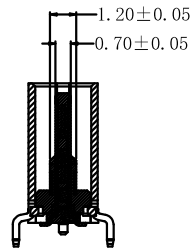
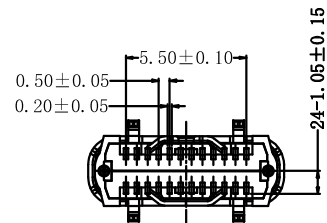
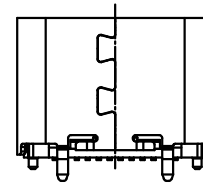
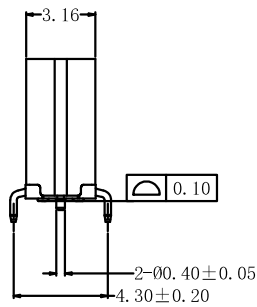
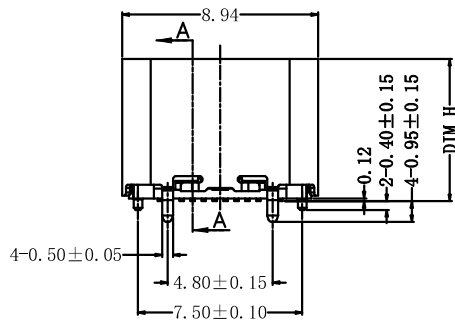
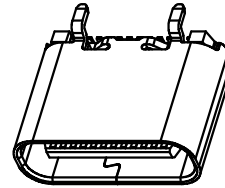
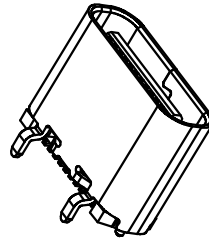
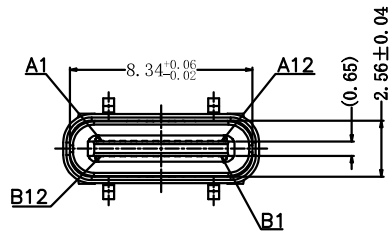
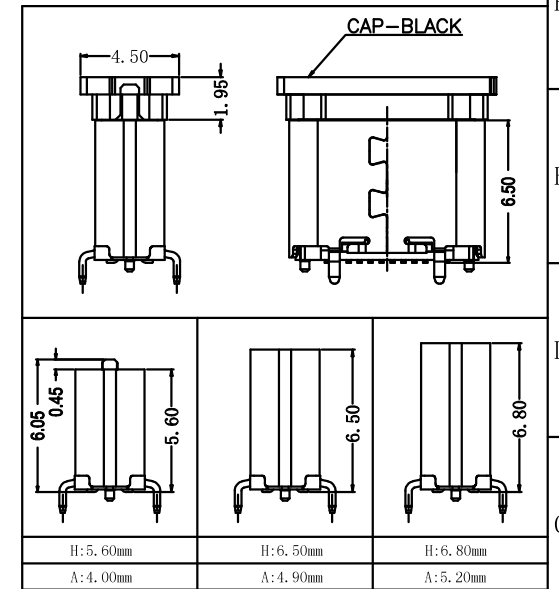


RoHs



SECTION A-A

VER	MARK	PR. BY	ECR/ECN DESCRIPTION	DATE
A		ZBLEI	NEW RELEASE	7/19' 21
B	△	Chen	新增规格△*1	11/18' 21
E	△	Deng	新增磷铜规格△*1	04/18' 23
F	△	Deng	新增黄铜规格△*1	10/16' 23
H	△	Deng	新增规格△*1	12/01' 23
I	△	Deng	新增规格△*1	12/26' 23



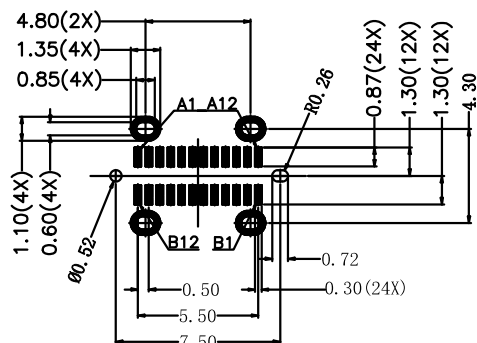
Note: 24pin with ground plate; 16pin without ground plate;

NO.	PART NAME	Q' TY	MATERIAL	FINISH
1	She11	1	SUS304 (SUS201)-1/2H, SPCC, T=0.30mm	50u"Ni Min.
2	TERMINAL	2	C7025/C2680, T=0.12mm, C5210-H	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 or PA	UL 94 V-0

CUSTOMER		GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY:	TITLE:	瑞澤電子股份有限公司 Horustech Electronics Co., Ltd	
SIZE	UNITS	X±0.50	X#5.0°	Song	TYPE-C Vertical Type Double Row SMT REC		
A4	MM[INCH]	.X±0.35	.X#3.0°	CHECKED BY:	PART NO.:	See the List	
SCALE	REV.	.XX±0.25	.XX#2.5°	DESIGN BY:	DWG NO.:		
1:1	I	.XXX±0.15	.XXX#2.0°	Deng	HTCC430006	SHEET 1/4	

RoHs

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



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

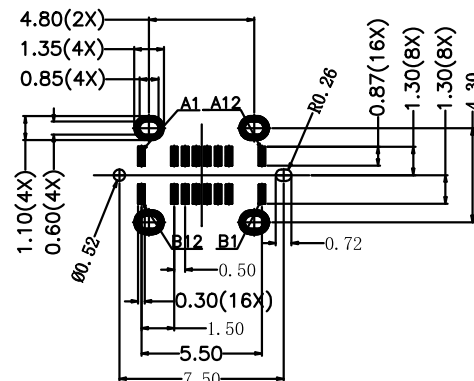
USB TYPE-C 24PIN ASSIGNMENTS

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	△	Chen	新增规格△*1	11/18' 21
D	△	Deng	新增规格△*1	03/06' 23
E	△	Deng	新增磷铜规格△*1	04/18' 23
F	△	Deng	新增黄铜规格△*1	10/16' 23
H	△	Deng	新增规格△*1	12/01' 23
I	△	Deng	新增规格△*1	12/26' 23

SPECIFICATION:

- MATERIAL:
 - HOUSING&MOLDING: HIGH TEMPERATURE RESISTANT PLASTIC, UL94 V-0 COLOR: BLACK
 - CONTACTS: COPPER ALLOY T=0.12mm
 - SHELL: STAINLESS STEEL
 - MID PLATE: STAINLESS STEEL(SUS301) T=0.15mm
 - EMI PLATE: STAINLESS STEEL(SUS301) T=0.10mm
- PLATING SPECIFICATION:
 - CONTACTS:
 - Ni 50u" MIN. UNDER PLATED OVER ALL.
 - Au PLATED ON THE MATING AREA OF CONTACT.
 - Au PLATED ON THE SOLDER AREA.
 - SHELL: Ni 30u" MIN. UNDER PLATED OVER ALL.
 - MID PLATE: CLEAR ONLY
 - EMI PLATE: CLEAR ONLY
- MECHANICAL:
 - MATING FORCE: 0.5~2.0kgf;
 - UNMATING FORCE: 0.8~2.0kgf.
 - DURABILITY: 10000 CYCLES;
- ELECTRICAL:
 - CURRENT RATING: 5A Max;
 - VOLTAGE RATING: 20V Max;
 - DIELECTRIC WITHSTANDING VOLTAGE: 100VAc;
 - CONTACT RESISTANCE: 40m Ohms Max.;
 - INSULATION RESISTANCE: 100M Ohms Min.;
- ENVIRONMENTAL:
 - OPERATING TEMPERATURE: -40°C~+85°C;
 - WETTING TEMPERATURE: 265±5°C, 5±0.5s
 - Salt Spray Test: 48H Min SPCC: 12H

CUSTOMER

GENERAL TOLERANCES
UNLESS SPECIFIED

APPROVED BY:

Song

TITLE: TYPE-C Vertical Type
Double Row SMT REC

SIZE

UNITS

X±0.50 X#5.0°

CHECKED BY:

Tang

PART NO.:

See the List

SCALE

REV.

.XX±0.25 .XX#2.5°

DESIGN BY:

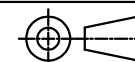
Deng

DWG NO.:

HTCC430006

SHEET

2/4



瑞澤電子股份有限公司
HorusTech Electronics Co., Ltd

