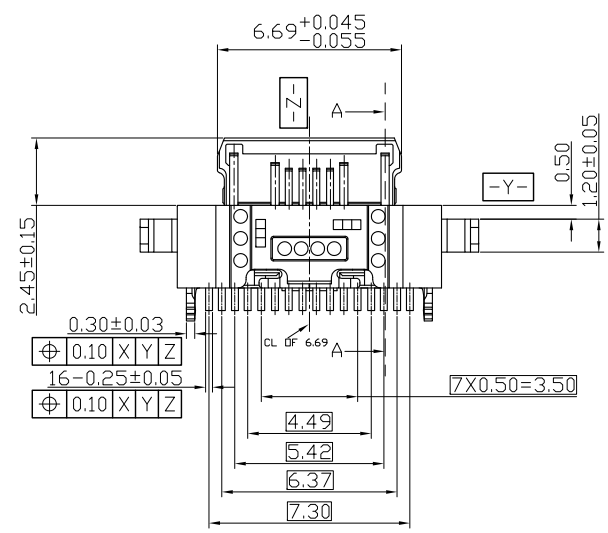
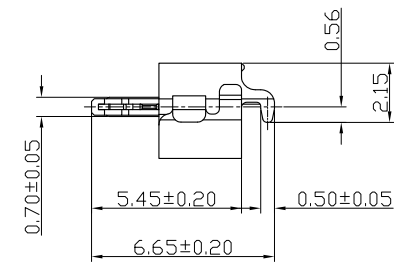
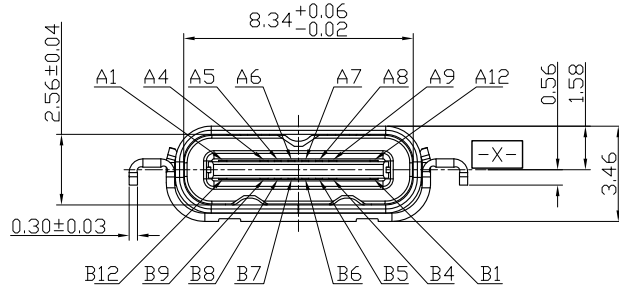
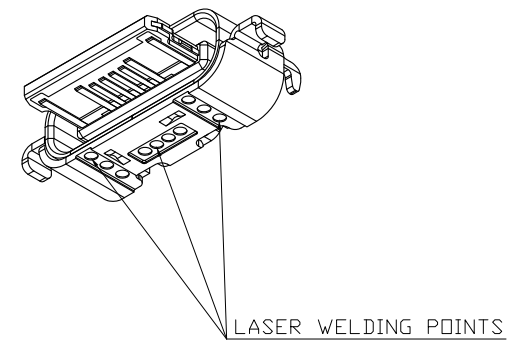
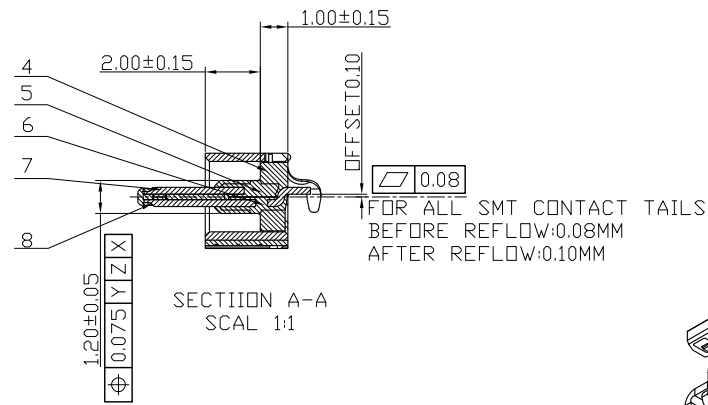
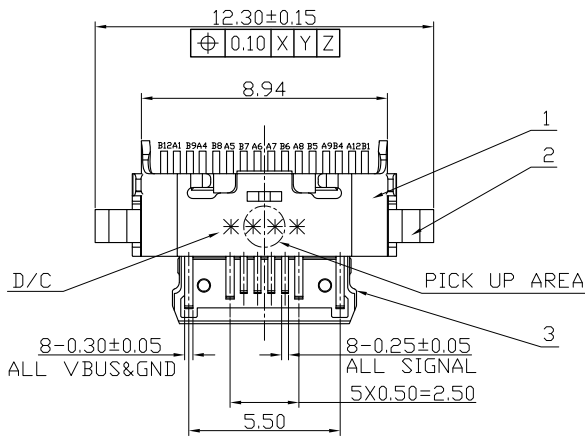


REV.	ECN. NO.	APPD.
X1	SWR-RD1020170812003	River Yao

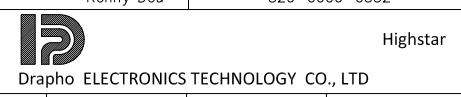


USB Type-C Receptacle Interface Pin Assignments

USB Type-C					
PIN	SIGNAL NAME	MATING SEQUENCE	PIN	SIGNAL NAME	MATING SEQUENCE
A1	GND	FIRST	B12	GND	FIRST
A4	VBUS	SECOND	B9	VBUS	SECOND
A5	CC1	THIRD.	B8	SBU2	THIRD.
A6	Dp1	THIRD	B7	Dn2	THIRD
A7	Dn1	THIRD	B6	Dp2	THIRD
A8	SBU1	THIRD	B5	CC2	THIRD
A9	VBUS	SECOND	B4	VBUS	SECOND
A12	GND	FIRST	B1	GND	FIRST

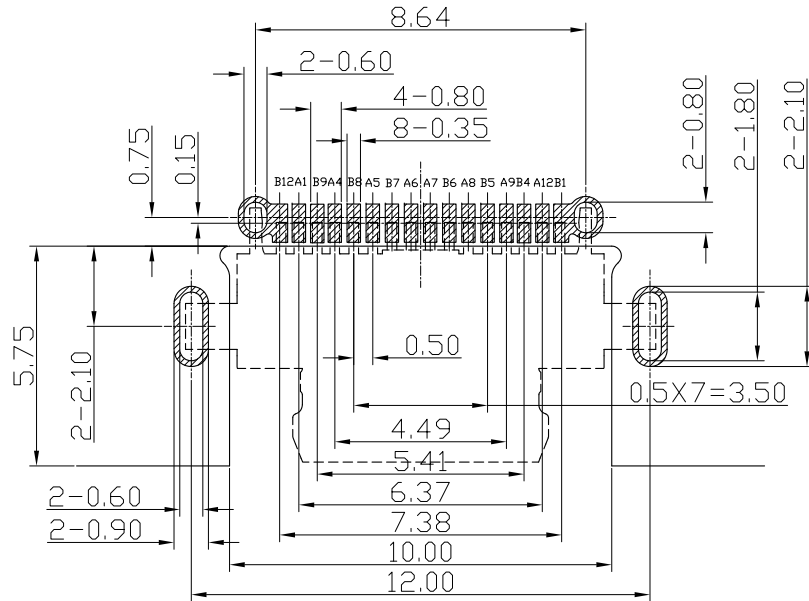
NO.	PART NAME	Q'TY	MATERIAL	FINISH	REMARK
8	LOWER CONTACT	1	COPPER ALLOY THICKNESS: 0.25MM	2.00 MICRON MIN. NI PLATING OVERALL;	
7	UPPER CONTACT	1	COPPER ALLOY THICKNESS: 0.25MM	0.125 MICRON MIN. Au PLATING AT CONTACT AREA G/F Au PLATING AT SOLDER AREA	
6	LOWER HOUSING	1	THERMOPLASTIC, UV94-V0	COLOR: BLACK	
5	UPPER HOUSING	1	THERMOPLASTIC, UV94-V0	COLOR: BLACK	
4	MAIN HOUSING	1	THERMOPLASTIC, UV94-V0	COLOR: BLACK	
3	MID-PLATE	1	STAINLESS STEEL THICKNESS: 0.20MM	RINSE	
2	COVER SHELL	1	STAINLESS STEEL THICKNESS: 0.30MM	1.25 MICRON MIN. SOLDERING NI PLATING OVERALL;	
1	SHELL	1	STAINLESS STEEL THICKNESS: 0.30MM	1.25 MICRON MIN. SOLDERING NI PLATING OVERALL;	

UNITS:	mm	GENERAL TOLERANCE	APPROVE:	PART NO.:
DATE:	08/14/17	.X ± .XX ±0.10 .XXX ±0.15	River Yao	UB11165-A1000-1H
SCALE:	NA	.X* .X* .XX*	CHECKED:	River Yao
SHEET:	1/3	MATERIAL: NA Q'TY NA	DRAW:	Ronny Dou
REV.	X1	FINISH: NA		TITLE: CUSTOMER DRAWING OF 16P Type C DRAWING NO.: 820-0000-0552



REV.	ECN. NO.	APPD.
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SEE SHEET 1/3





RECOMMENDED PCB PAD LAYOUT  
TOLERANCE:±0.05mm

NOTES:

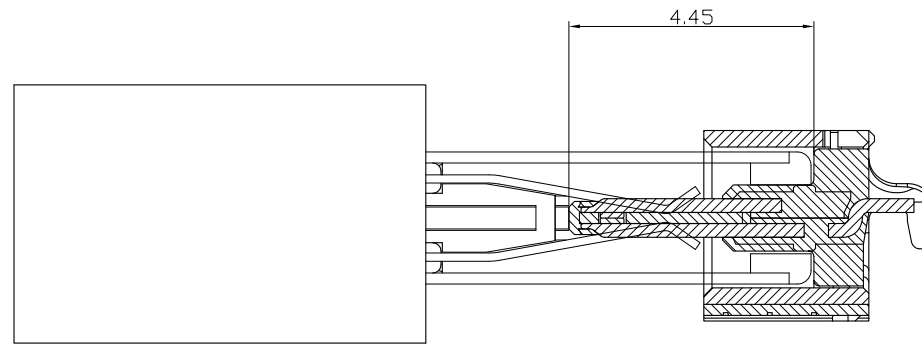
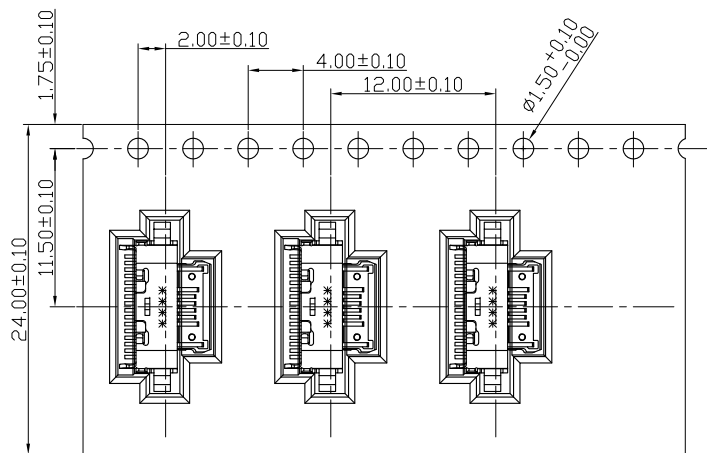
1. MATERIAL & PLATING: PLEASE SEE BOM;
2. MECHANICAL CHARACTERISTICS:
  - 2.1 INSERTION FORCE: 5-20N (INITAIL AND AFTER TEXT)
  - 2.2 EXTRACTION FORCE:
    - 8-20N (INITAIL) 8-20N (AFTER 1000 times TEST)
    - 6-20N (AFTER 10000 times TEST)
  - 2.3 DURABILITY: 10000 CYCLES;
3. ELECTRICAL CHARACTERISTICS:
  - 3.1 CONTACT CURRENT RATING:
    - 2.5A FOR EVERY VBUS/GND PINS , TOTAL 8A;
    - 0.25A FOR OTHER PINS
  - 3.2 CONTACT RESISTANCE:
    - VBUS/GND PINS 40mΩ MAX. OTHERS 40mΩ MAX(INITAIL),
    - 10mΩ MAX. (AFTER TEST)
  - 3.3 INSULATION RESISTANCE:
    - 1000 MΩ MIN. AT 500 VDC.
  - 3.4 DIELECTRIC WITHSTANDING VOLTANG:
    - 500 VAC MIN.
4. ENVIRONMENTAL CHARACTERISTICS:
  - 4.1 STORAGE TEMPEURE: -20°C TO +85°C
  - 4.2 OPERATING TEMPEURE: -20°C TO +85°C.
  - 4.3 "RoHS" COMPLIANT



UNITS: mm	GENERAL TOLERANCE		APPROVE: River Yao	PART NO.: UB11165-A1000-1H
DATE: 08/14'17	.X ±	X.*	CHECKED: River Yao	TITLE: CUSTOMER DRAWING OF 16P Type C
SCALE: NA	.XX ±0.10 .XXX ±0.15	.X* .XX*	DRAW: Ronny Dou	DRAWING NO.: 820-0000-0552
SHEET: 2/3	MATERIAL: NA	Q'TY NA	 Highstar Drapho ELECTRONICS TECHNOLOGY CO., LTD	
REV. X1	FINISH: NA			

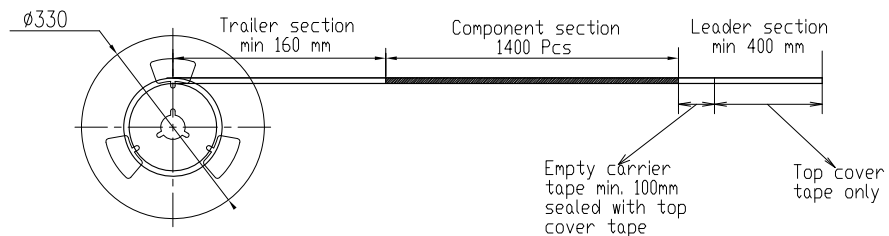
REV.	ECN. NO.	APPD.
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SEE SHEET 1/3




MATED PLUG DRAWING

SCALE 2:1



PACKAGE DRAWING

UNITS: mm	GENERAL TOLERANCE		APPROVE: River Yao	PART NO.: UB11165-A1000-1H
DATE: 08/14'17	.X ±	X.*	CHECKED: River Yao	TITLE: CUSTOMER DRAWING OF 16P Type C
SCALE: NA	.XX ±0.10 .XXX ±0.15	.X* .XX*	DRAW: Ronny Dou	DRAWING NO.: 820-0000-0552
SHEET: 3/3	MATERIAL: NA	Q'TY NA	 Highstar Drapho ELECTRONICS TECHNOLOGY CO., LTD	
REV. X1	FINISH: NA	