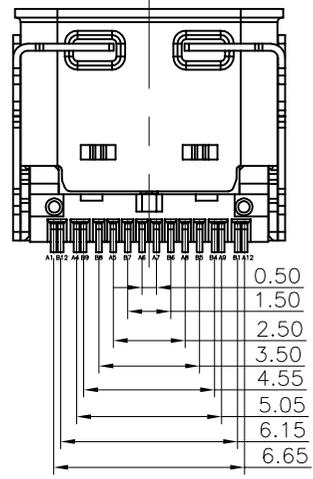
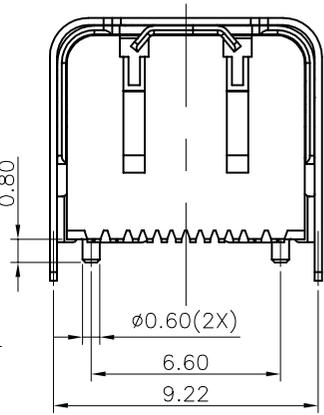
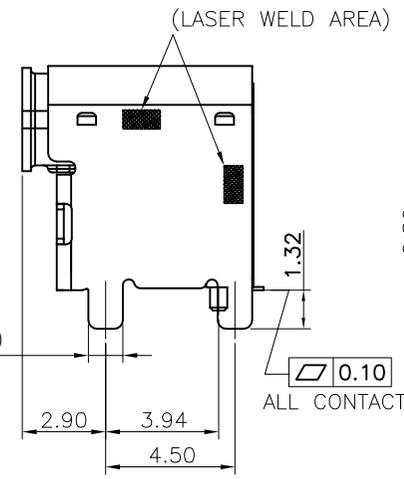
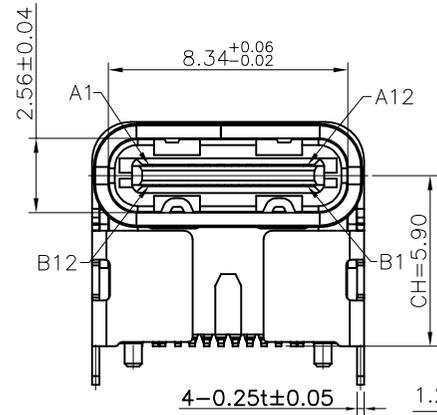
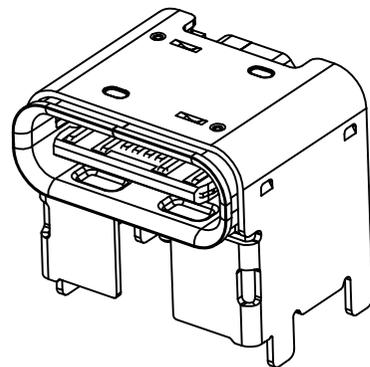
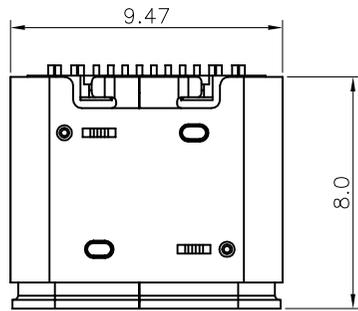


RoHS Compliant

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REV	ECN No.	DATE	REMARK
A	NEW	2015.05.10	NEW RELEASE
B	NEW	2019.10.21	修改外壳
C	ECN2103002	2021.03.24	修正图纸料号规格描述



NOTE:

- MATERIAL SPECIFICATION:
 - HOUSING: HIGH TEMPERATURE RESISTANT PLASTIC, UL94 V-0.
 - TERMINAL: COPPER ALLOY
 - MID PLATE: STAINLESS STEEL (SUS301)
 - FRONT SHELL: STAINLESS STEEL (SUS304)
 - TOP SHELL: STAINLESS STEEL (SUS304)
- PLATING SPECIFICATION:
 - CONTACTS:
 - Ni 50u" MIN. UNDER PLATED OVER ALL.
 - Au PLATED ON THE FUNCTIONAL AREA OF CONTACT. (GOLD PLATING THICKNESS FOLLOW THE P/N)
 - PLATING SPECIFICATIONS OF THE SOLDER AREA FOLLOW THE P/N
 - FRONT SHELL & TOP SHELL:
 - Ni 30u" MIN. UNDER PLATED OVER ALL.
 - MID PLATE:
 - CLEAR ONLY
- MECHANICAL PERFORMANCE,
 - INSERTION FORCE: 0.5~2.0kgf.
 - REMOVAL FORCE: 0.8kgf~2.0kgf.
 - DURABILITY: 10000 CYCLES.
- ELECTRICAL PERFORMANCE,
 - VOLTAGE RATING: 5 V DC/AC (RMS. max)
CURRENT RATING: 5 AMPS. FOR TOTAL VBUS/GND PINS;
1.25AMPS FOR CC PIN, 0.25 AMPS. FOR ALL OTHER CONTACT.
 - LLCR:
 - VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
 - SHIELD: 50mΩ/MAX.
 - LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 - INSULATION RESISTANCE: 100MΩ MIN
 - DIELECTRIC WITHSTAND VOLTAGE, AC 100V FOR 1 MINUTE.
- ENVIRONMENTAL PERFORMANCE:
 - OPERATING TEMPERATURE: -25°C~+85°C.
- IR REFLOW:
 - THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.
- PART NUMBER CODE: (产品料号)
Z-CF042 S L B XX R - C - 46
(1) (2) (3) (4) (5)

(1) HOUSING MATERIAL: (4) PACKING OPTIONS
L:LCP R:TAPE & REEL

(2) HOUSING COLOR: (5) 盐雾要求:
B:BLACK A=24H
C=48H

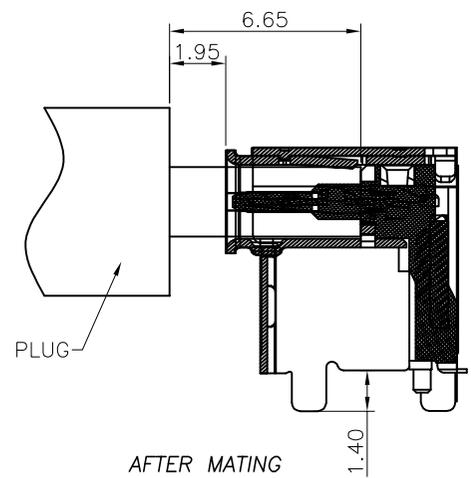
(3) CONTACTS PLATED:
12:接触区镀金3u"焊接区G/F
15:接触区镀金30u"焊接区G/F

PART NO.: SEE THE PART NUMBER CODE		深圳市中科兴达科技有限公司 SHENZHEN ZDT TECHNOLOGY CO., LTD		DRAWN BY SUNYONGJIAN	DATE 2021.03.24	
QUALITY SYMBOL 0 0 0 0 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		TITLE USB C TYPE F单排SMT垫高4.3脚位4.5			
	x.xxxx	± ---	DWG.NO. CF042-01	SHEET NO. 1 OF 3	CHECKED BY JAY	DATE 2021.03.24
	x.xxx	± 0.10			APPROVED BY JACKY	DATE 2021.03.24
	x.xx	± 0.25	DIMENSION STYLE MM ONLY	DESIGN UNITS METRIC	SCALE 1:1	
	x.x	± 0.30	THIRD ANGLE PROJECTION			
ANGULAR	± ---	frame size: A4				

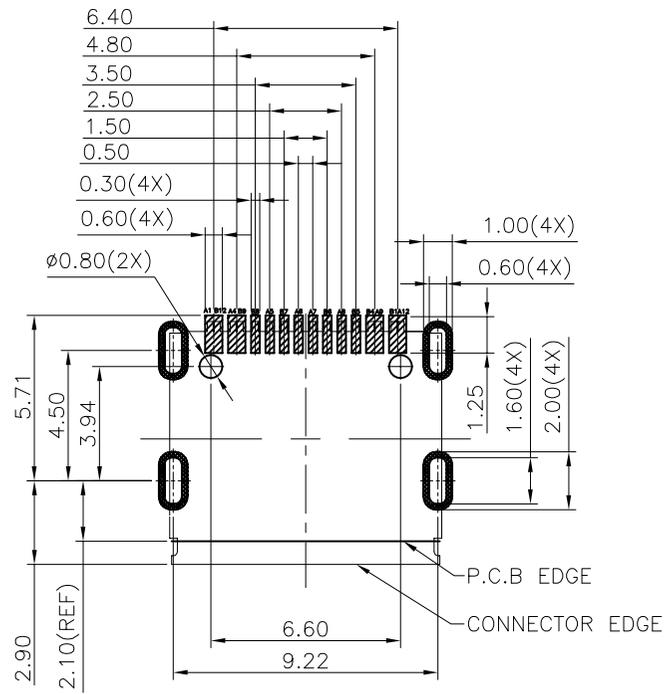
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AFTER MATING



RECOMMENDED PCB LAYOUT(TOP VIEW)

USB TYPE-C PIN ASSIGNMENTS

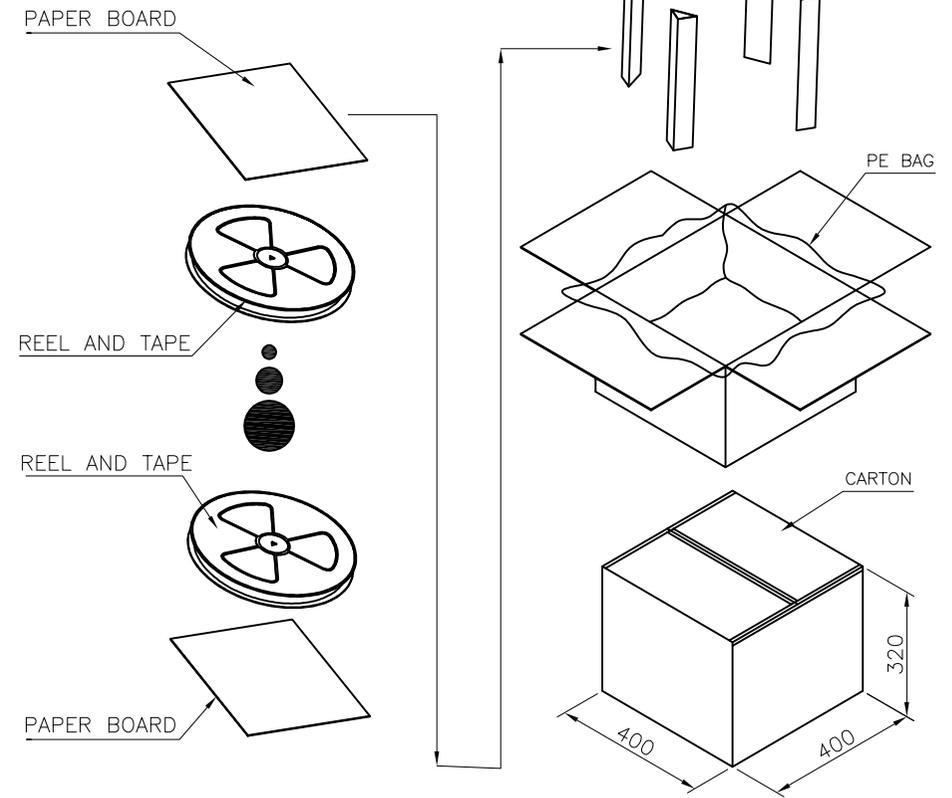
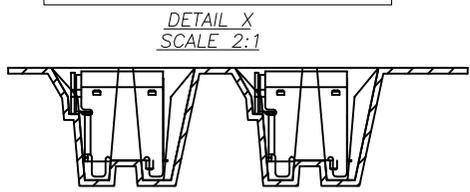
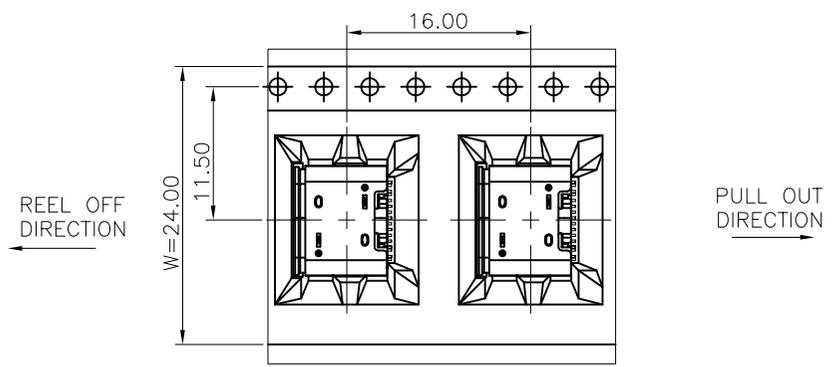
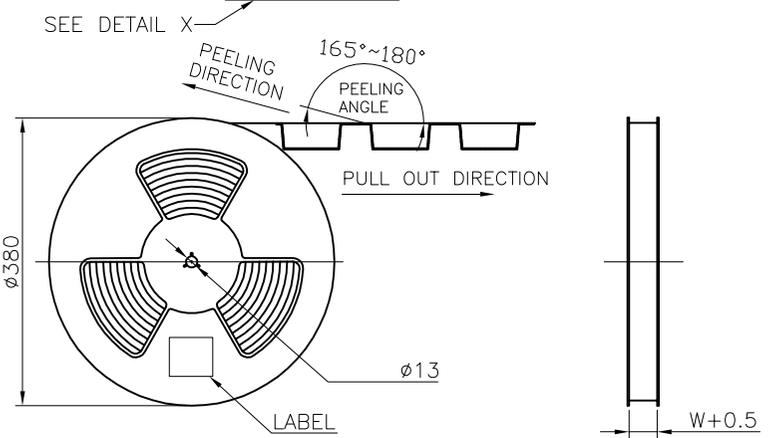
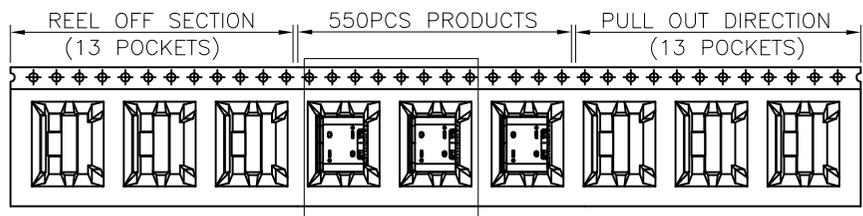
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	Vbus	B9	Vbus
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	Vbus	B4	Vbus
A12	GND	B1	GND

PART NO.: SEE THE PART NUMBER CODE		深圳市中科兴达科技有限公司 SHENZHEN ZDT TECHNOLOGY CO., LTD		DRAWN BY SUNYONGJIAN	DATE 2021.03.24	
QUALITY SYMBOL 0 0 0 0 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		TITLE USB C TYPE F单排SMT垫高4.3脚位4.5			
	x.xxxx	± ---	DWG.NO. CF042-01	SHEET NO. 2 OF 3	CHECKED BY JAY	DATE 2021.03.24
	x.xxx	± 0.10			APPROVED BY JACKY	DATE 2021.03.24
	x.xx	± 0.25	DIMENSION STYLE MM ONLY	DESIGN UNITS METRIC	SCALE 1:1	THIRD ANGLE PROJECTION
	x.x	± 0.30	frame size: A4			
ANGULAR	± ---					

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	REEL	CARTON
CONNECTOR (PCS)	550	5500

PART NO.: SEE THE PART NUMBER CODE		ZDT 深圳市中科兴达科技有限公司 SHENZHEN ZDT TECHNOLOGY CO., LTD		DRAWN BY SUNYONGJIAN	DATE 2021.03.24
GENERAL TOLERANCES (UNLESS SPECIFIED)		TITLE USB C TYPE F单排SMT垫高4.3脚位4.5		CHECKED BY JAY	DATE 2021.03.24
QUALITY SYMBOL	x.xxxx	±	---	APPROVED BY JACKY	DATE 2021.03.24
	x.xxx	±	0.10		
	x.xx	±	0.25		
	x.x	±	0.30		
	ANGULAR	±	---		
DWG.NO. CF042-01		SHEET NO. 3 OF 3			
DIMENSION STYLE MM ONLY		DESIGN UNITS METRIC		SCALE 1:1	
THIRD ANGLE PROJECTION					

frame size: A4