

REV	ECN No.	DATE	REMARK
A	NEW	2020.08.03	NEW RELEASE
B	ECR230913-001	2023.09.13	1.取消底部掬料孔 2.整理图纸

NOTE:
1.ELECTRICAL PERFORMANCE:
1-1. CURRENT RATING: 2.5A RMS. FOR TOTAL VBUS/GND PINS;
1.25AMPS FOR CC PIN,
0.25 AMPS. FOR ALL OTHER CONTACT.
1-2. VOLTAGE RATING: 20V DC/AC (RMS. MAX)
1-3. LLCR:.
VBUS & GND PINS AND OTHER PINS: 40MΩ/PIN MAX.
SHIELD: 50MΩ/MAX.
LLCR MAX. CHANGE OF ALL PINS: 10MΩ.
1-4. INSULATION RESISTANCE: 100MΩ MIN
1-5. DIELECTRIC WITHSTAND VOLTAGE, AC 100V FOR 1 MINUTE.
2. MECHANICAL PERFORMANCE,
2-1. INSERTION FORCE: 5~20N.
2-2. EXTRACTION FORCE: 8~20N.
2-3. DURABILITY: 10000 CYCLES.
3. ENVIRONMENTAL PERFORMANCE:
OPERATING TEMPERATURE: -25°C~+85°C.
4. IR REFLOW:
THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.
5. COMPLIANCE WITH ROHS REQUIREMENTS.
6. 注: 带“▲”号的为重点管控尺寸, “(XX)”为尺寸号码球

7. PART NUMBER CODE:
Z-CF007SL X XX X - A -02
(1)(2)(3)

(1) HOUSING COLOR:

B: BLACK
N: 本色

(2) CONTACTS PLATED:

02: 半金锡 3u"
04: 半金锡 15u"
05: 半金锡 30u"

(3) 包装要求

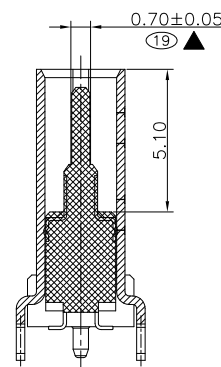
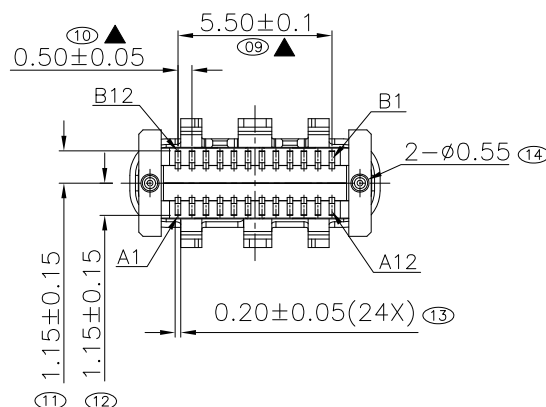
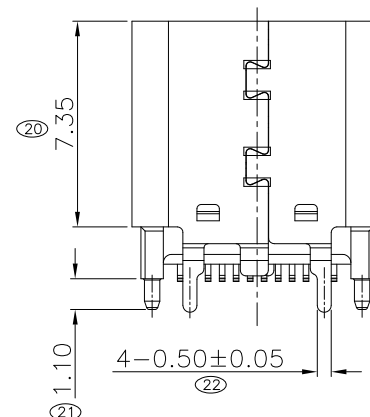
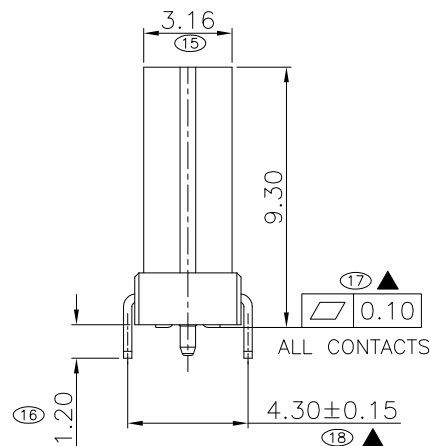
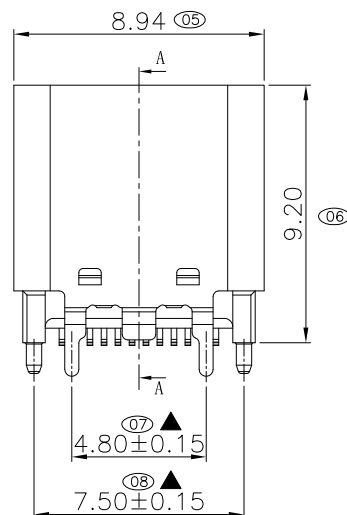
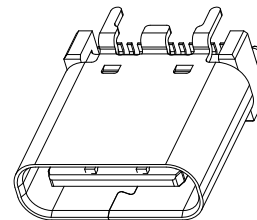
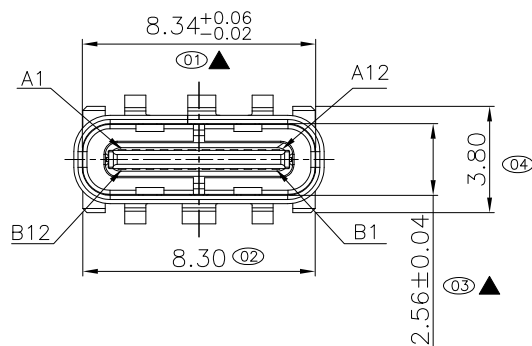
L: 卷装
VR: 卷装+真空包装

TABLE:

1	Z-CF007SLB02R-A-02	BLACK	Au: 3u"	Sn	Ni	数带热封(不常装)
2	Z-CF007SLB02L-A-02	BLACK	Au: 3u"	Sn	Ni	数带冷封
3	Z-CF007SLB04L-A-02	BLACK	Au: 15u"	Sn	Ni	数带冷封
4	Z-CF007SLB05L-A-02	BLACK	Au: 30u"	Sn	Ni	数带冷封
5	Z-CF007SLB02VR-A-02	BLACK	Au: 3u"	Sn	Ni	数带冷封(GB)或真空包装
6	Z-CF007SLN02L-A-02	本色	Au: 3u"	Sn	Ni	数带冷封
ITEM	P/N	HOUSING COLOR	FUNCTIONAL AREA SOLDER AREA CONTACTS	SHELL PLATING	包装要求	

TABLE:

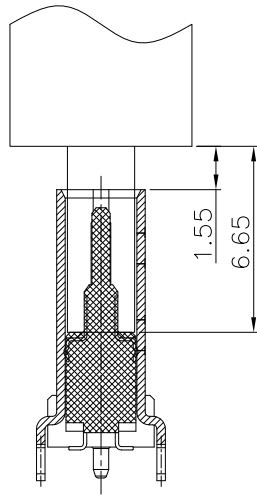
NO	PART	Q'TY	Material
1	SHELL	1	STAINLESS STEEL 304, NI 30u" MIN PLATED
2	EMI Plate	1	STAINLESS STEEL 301, NI 30u" MIN PLATED
3	Mid Plate	1	STAINLESS STEEL 301, NO PLATED
4	CONTACT	24	COPPER STEEL C18400, Au(PART NUMBER CODE) plated on contact area Matte Tin plated 50u"min on solder area; Nickel 50u"min underplating over all.
5	HOUSING	1	LCP BLACK/NATURA UL94 V-0
6	CAP	1	LCP BLACK UL94 V-0
PART NO.: SEE THE PART NUMBER CODE		DRAWN BY: HuangXiaoHao	ZDT 深圳市中科兴达科技有限公司 SHENZHEN ZDT TECHNOLOGY CO.,LTD
GENERAL TOLERANCES		CHECKED BY: liuzongliang	
x.xxx		± ---	
x.xxx		± 0.10	TITLE USB TYPE-C FEMALE 24PIN Vertical H=9.30
x.xx		± 0.25	
x.x		± 0.30	
ANGULAR ± 3°		THIRD ANGLE PROJECTION 	DIMENSIONS mm
		SCALE 1:1	DRAWING A4
		SHEET NO. 1 OF 2	DWG.NO. CF007-02



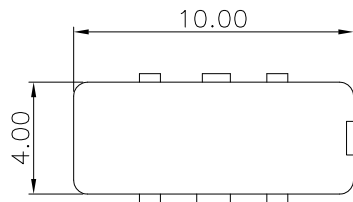
PIN DEFINITION:

PIN No.	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
SIGNAL NAME	GND	TX1+	TX1-	VBUS	CC1	D+	D-	SBU1	VBUS	RX2-	RX2+	GND
PIN No.	B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1
SIGNAL NAME	GND	RX1+	RX1-	VBUS	SBU2	D-	D+	CC2	VBUS	TX2-	TX2+	GND

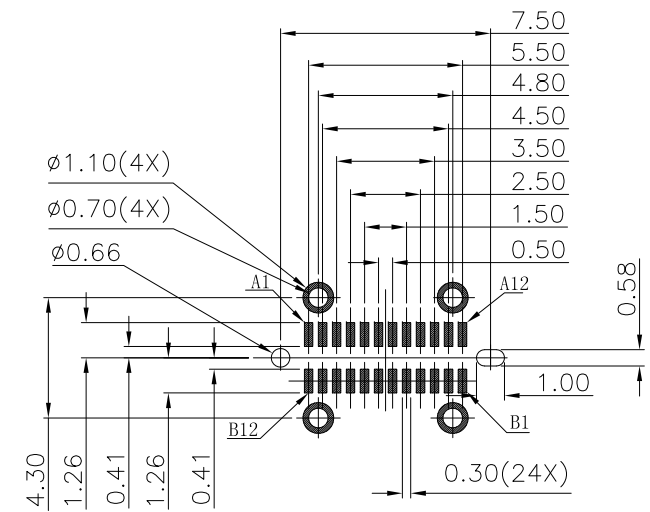
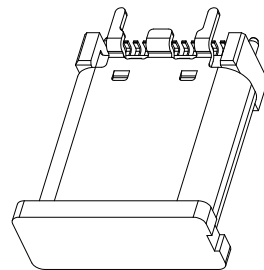
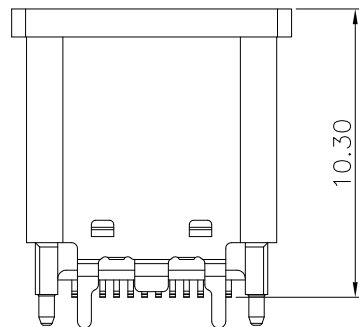
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AFTER MATING



WITH PICK UP COVER



RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS $1.5 \pm 0.10\text{MM}$;DEFAULT TOLERANCE: ± 0.05

PART NO.: SEE THE PART NUMBER CODE		DRAWN BY: HuangXiaoHao		 深圳市中科兴达科技有限公司 SHENZHEN ZDT TECHNOLOGY CO.,LTD		
GENERAL TOLERANCES		CHECKED BY: liuzongliang			TITLE USB TYPE-C FEMALE 24PIN Vertical H=9.30	
x.xxxx	± ---	APPROVED BY: Jacky				
x.xxx	± 0.10					
x.xx	± 0.25					
x.x	± 0.30	THIRD ANGLE PROJECTION		DIMENSIONS SCALE DRAWING SHEET NO. DWG.NO.		
ANGULAR	± 3°					
		mm	1:1	A4	3 OF 3	CF007-02