

REV	ECN No.	DATE	REMARK
A	NEW	2022.04.13	NEW RELEASE
B	---	2023.10.31	更新图纸

NOTE:

1.ELECTRICAL PERFORMANCE,

1-1. CURRENT RATING:5 AMPS. FOR TOTAL VBUS/GND PINS;
1.25AMPS FOR CC PIN,0.25 AMPS. FOR ALL OTHER CONTACT.

1-2. VOLTAGE RATING:5V/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.PART NUMBER CODE:

CF 2 24 - 007 S L B XX X
(1)(2) (3)(4) (5) (6)

(1) 产品形态:

2:板上型

(2) Pin No.:

24:24Pin

(3) HOUSING MATERIALS:

L:LCP

(4) HOUSING COLOR:

B:BLACK

(5) CONTACTS PLATED:

12:接触镀金3u"其它GF

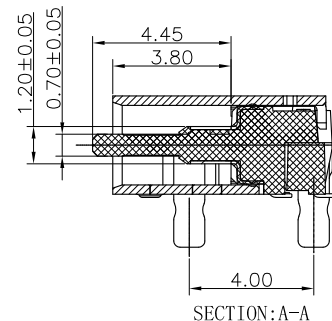
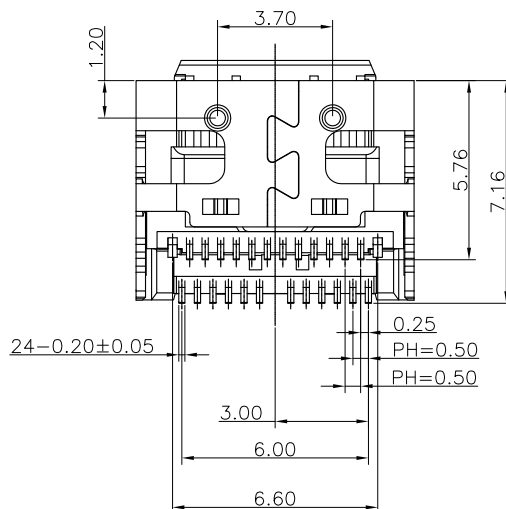
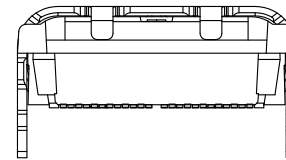
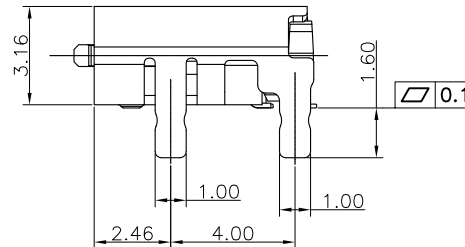
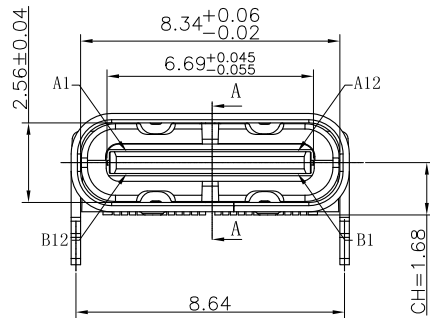
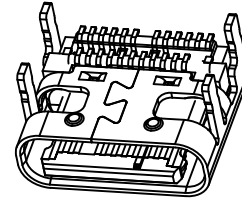
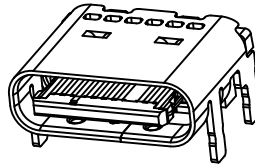
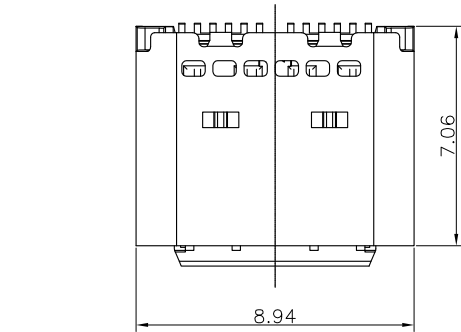
15:接触镀金30u"其它GF

(6) PACKING OPTIONS

R:TAPE & REEL

VR:TAPE & REEL+真空包装

(特殊客户指定包装)



SECTION:A-A

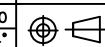
TYPE:

7	SHELL	1	SUS304 T=0.30	Ni 30u" MIN. UNDER PLATED OVER ALL.SALT SPRAY:48H
6	EMI	1	SUS304 T=0.10	Ni 30u" MIN. UNDER PLATED OVER ALL.SALT SPRAY:48H
5	SHIELDING PLATE	1	SUS301 T=0.15	Ni 30u" MIN. UNDER PLATED OVER ALL. Sn 80u"MIN. PLATED OVER ALL
4	INSULATOR 2	1	LCP UL94V-0	COLOR:BLACK
3	INSULATOR 1	1	LCP UL94V-0	COLOR:BLACK
2	Down CONTACT	12	C18400 T=0.12	Ni 50u" MIN. UNDER PLATED OVER ALL
1	TOP CONTACT	12	C18400 T=0.12	Au PLATED ON CONTACT,GF PLATED ON SOLDERING
No.	PART NAME	Q'TY	MATERIAL	FINISH

PART NO.:

SEE THE PART NUMBER CODE

QUALITY SYMBOL	GENERAL TOLERANCES
0	x.xxxx ± ---
1	x.xxx ± 0.10
2	x.xx ± 0.25
3	x.x ± 0.30
4	ANGULAR ± ---

 深圳市中兴兴达科技有限公司
SHENZHEN ZDT TECHNOLOGY CO.,LTDTITLE
USB TYPE C 24PIN 双贴SMT 脚长1.6mm(02)THIRD ANGLE
PROJECTIONUNIT
mmSCALE
1:1SHEET NO.
1 OF 2

DRAWN BY: SAM

CHECKED BY: JAY

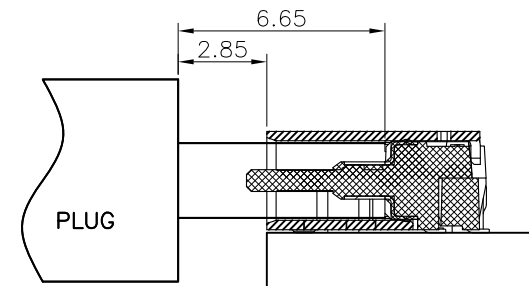
APPROVED BY: JACKY

DWG.NO.
CF224-007

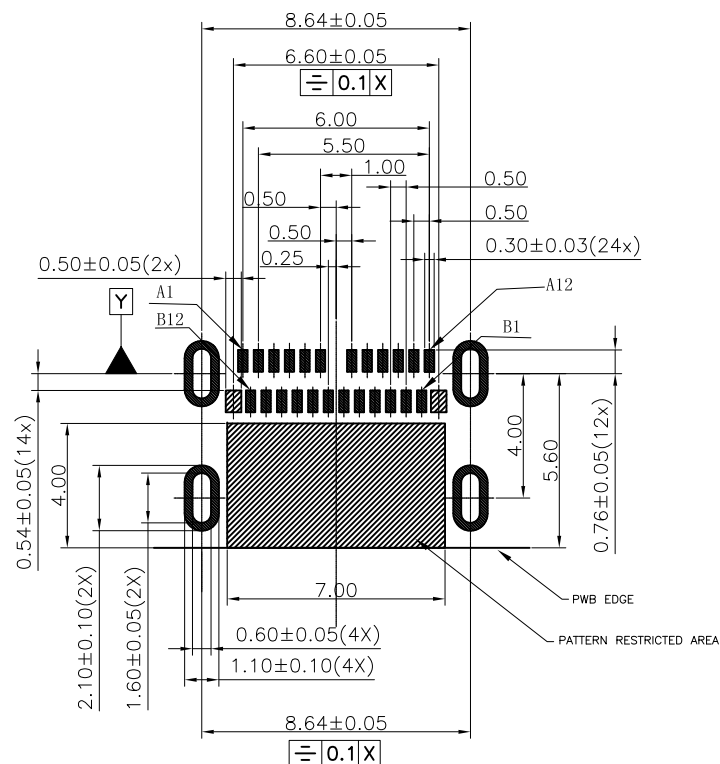
frame size: A4



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AFTER MATING



USB TYPE-C PIN 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

RECOMMEND P.C.B LAYOUT(TOW VIEW)

TOLERANCE FOR PCB LAYOUT IS ±0.05

PART NO.: SEE THE PART NUMBER CODE		 深圳市中兴科达科技有限公司 SHENZHEN ZDT TECHNOLOGY CO., LTD					DRAWN BY: SAM		
QUALITY SYMBOL 0 = 0 	GENERAL TOLERANCES		TITLE USB TYPE C 24PIN 双贴SMT 脚长1.6mm (02)					CHECKED BY: JAY	
	x.xxxx	± ---						APPROVED BY: JACKY	
	x.xxx	± 0.10	DWG.NO. CF224-007						
	x.xx	± 0.25							
	x.x	± 0.30							
	ANGULAR	± ---	 THIRD ANGLE PROJECTION		UNIT mm	SCALE 1:1	SHEET NO. 2 OF 2		