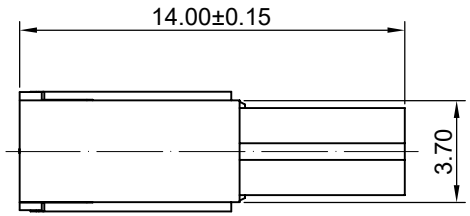
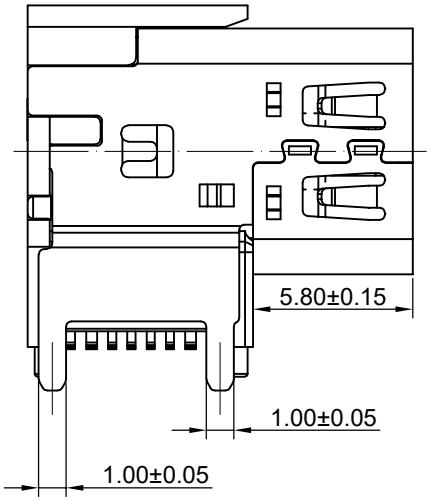
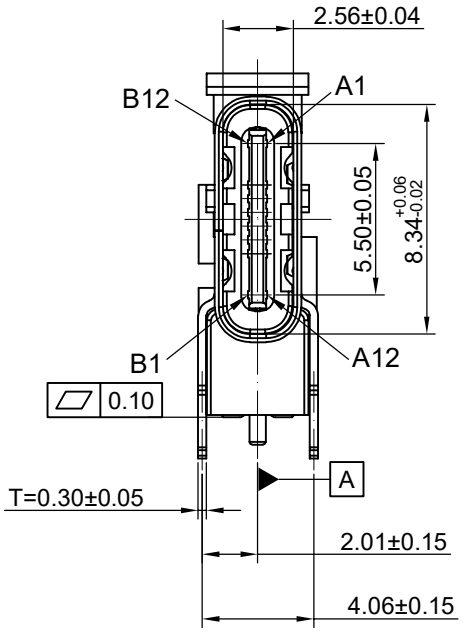
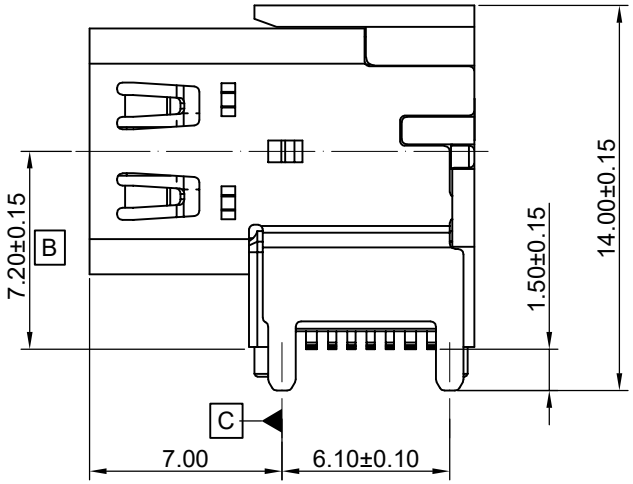
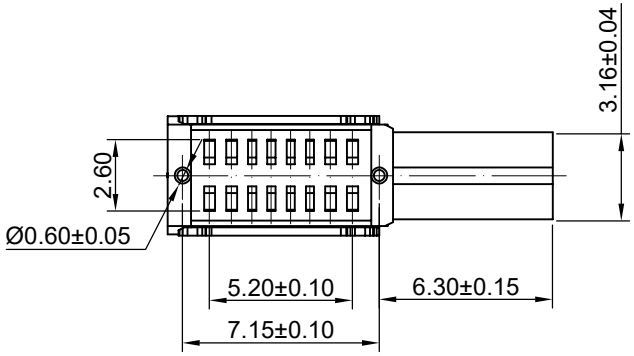
REV	ECN No.	DATE	REMARK
A	NEW	2024.10.10	NEW RELEASE
B	---	2024.04.06	更换新图框











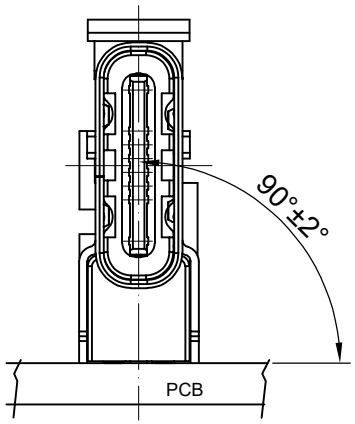
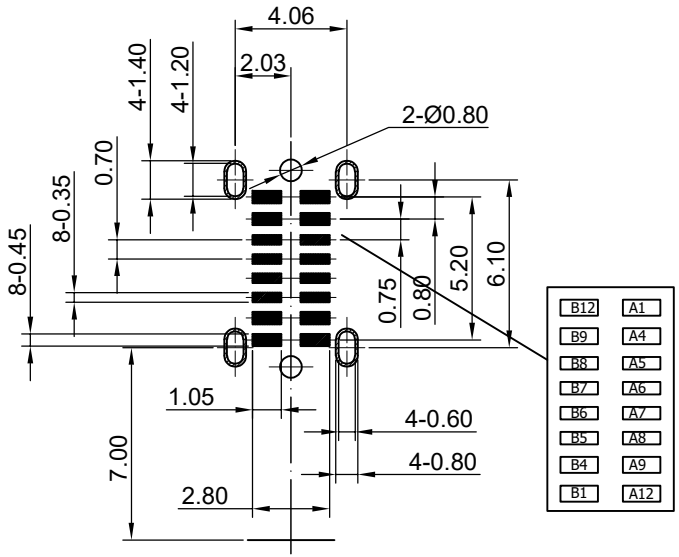


Table:

NO.	Description	QTY	Material	Remarks
4	Mid Plate	1PCS	Stainless Steel SUS301 T=0.15mm	---
3	Contact	16PCS	COPPER STEEL C7025 T=0.12mm	Au 1u"Plated On Vontact Area GF Plated On Solder Area; Nickel 50u"Min Under Plating Over All.
2	Shell	1PCS	Stainless Steel SUS304 T=0.3mm	NI 30u"MIN Plated
1	Housing	1PCS	LCP UL94 V-0	Black

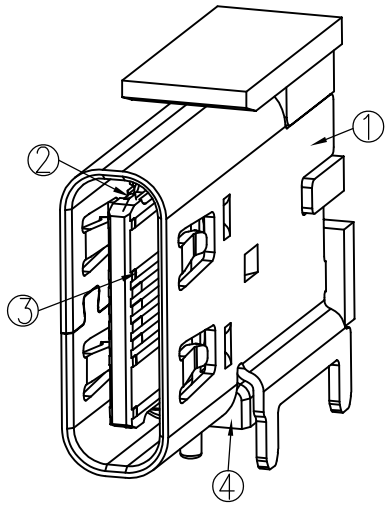
GENERAL TOLERANCES (UNLESS SPECIFIED)		DRAWN BY: HuangXiaoHao	Date: 2024.04.06	深圳市中科兴达科技有限公司 Shenzhen Zhongke Xingda Technological Co;Ltd.	
X.XXX	±0.10	CHECKED BY: liuzongliang	Date: 2024.04.06	TITLE: USB TYPE-C FEMALE 16PIN UPRIGHT SMTCH=7.2	
X.XX	±0.20				
X.X	±0.30	APPROVED BY: Jacky	Date: 2024.04.06	PART NO. CF616-006SLB11R-02	DWG NO. CF616-006-02
ANGULAR	±3°				
THIRD ANGLE PROJECTION		UNT mm	SCALE 1:1	DRAWING A4	SHEET NO. 1 OF 3 / REV. B

REV	ECN No.	DATE	REMARK
A	NEW	2024.10.10	NEW RELEASE
B	---	2024.04.06	更换新图框



RECOMMEND P.C.B LAYOUT(TOW VIEW)

TOLERANCE FOR PCB LAYOUT IS ±0.05



Specifications:

1.Electrical Performance,

1-1. Current Rating:5 Amps. For Total VBUS/GND Pins;
0.5Amps For CC Pin,
0.25 Amps. For All Other Contact.

1-2. Voltage Rating:20V DC/AC (Rms. Max)

1-3. Contact Resistance: 40mΩ Max Initial.
50mΩ Max After Test

1-4.Dielectric Withstanding Voltage: 100V AV

1-5.Insulation Resistance:100MΩ Min

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: -55°C~+85°C.

4.IR Reflow:
The Peak Temperature On The Board Shall
Be Maintained For 10 Seconds At 260°C.

5.Salt Spray:48H

TID NO.	IEC62680-1-3
12804	24T04N002784-002-COM

Ordering Information:

CF $\frac{6}{1}$ $\frac{16}{2}$ - 006 S L $\frac{B}{3}$ $\frac{11}{4}$ $\frac{R}{5}$ - 02

1.Product Type:
6:Upright

2.Pin No.:
16:16Pin

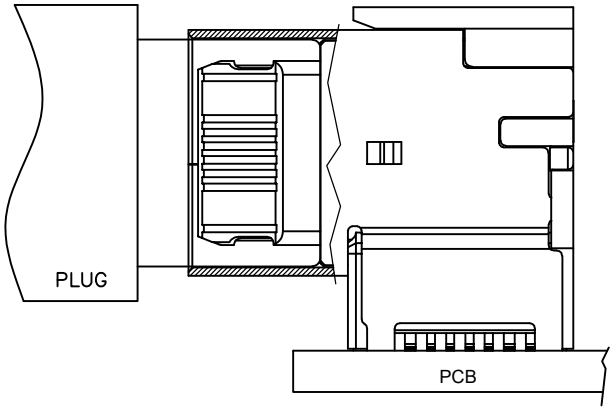
3.Housing Color:
B:Black

4.Contacts Plated:
11:Contact Area: Au 1u",Solder Tails:GF

5.Packing Options:
R:Tape & Reel

USB Type-C Pin Assignments

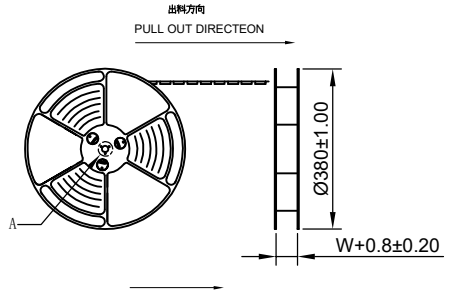
Pin Number	Signal Name	Pin Number	Signal Name
A1	GND	B12	GND
A2	----	B11	----
A3	----	B10	----
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	----	B3	----
A11	----	B2	----
A12	GND	B1	GND

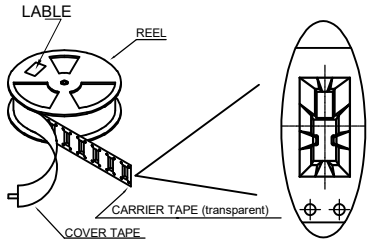


MATED CONDITION(REF.)

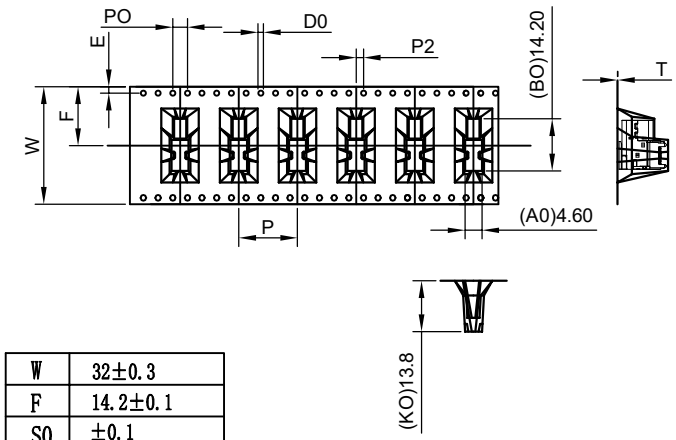
GENERAL TOLERANCES (UNLESS SPECIFIED)		DRAWN BY: HuangXiaoHao	Date: 2024.04.06	深圳市中科兴达科技有限公司 Shenzhen Zhongke Xingda Technological Co;Ltd.	
X.XXX	±0.10	CHECKED BY: liuzongliang	Date: 2024.04.06	TITLE: USB TYPE-C FEMALE 16PIN UPRIGHT SMTCH=7.2	
X.XX	±0.20				
X.X	±0.30	APPROVED BY: Jacky	Date: 2024.04.06	PART NO. CF616-006SLB11R-02	DWG NO. CF616-006-02
ANGULAR	±3°				
THIRD ANGLE PROJECTION		UNT mm	SCALE 1:1	DRAWING A4	SHEET NO. 2 OF 3 / REV. B

REV	ECN No.	DATE	REMARK
A	NEW	2024.10.10	NEW RELEASE
B	---	2024.04.06	更换新图框





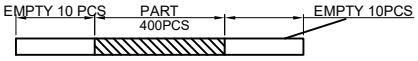
At Small Positioning Hole of The Carrier Tape Side).
標簽黏貼處 (朝捲裝包材的小定位孔一側)
Location of label sticking (label)



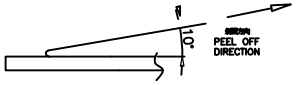
W	32±0.3
F	14.2±0.1
S0	±0.1
T	0.50±0.1
E	1.75±0.1
P	16.0±0.1
P0	4±0.1
P2	2±0.15
A0	4.60±0.1
B0	14.2±0.1
K0	13.8±0.1
D0	$1.50^{+0.1}_{-0.1}$

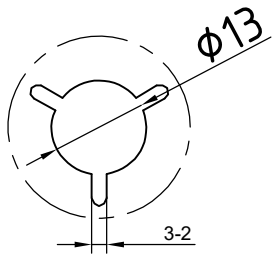
NOTES

1.帶子引導長度
LEAD TAPE LENGTH
出料方向
PULL OUT DIRECTEON

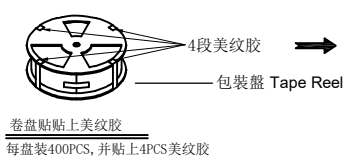


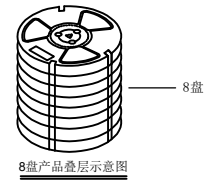
2.上帶 剝力力為：0.1~1.3N(10.2gf~130gf)
PEELING OFF FORCE OF TOP TAPE:0.1~1.3N(10.2gf~130gf)
出貨'運輸過程中一定注意：
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT：
卷帶在運輸過程中不能散開
PEELING OFF SHOULD NOT BE ALLOWED DURING TRANSPORTATION

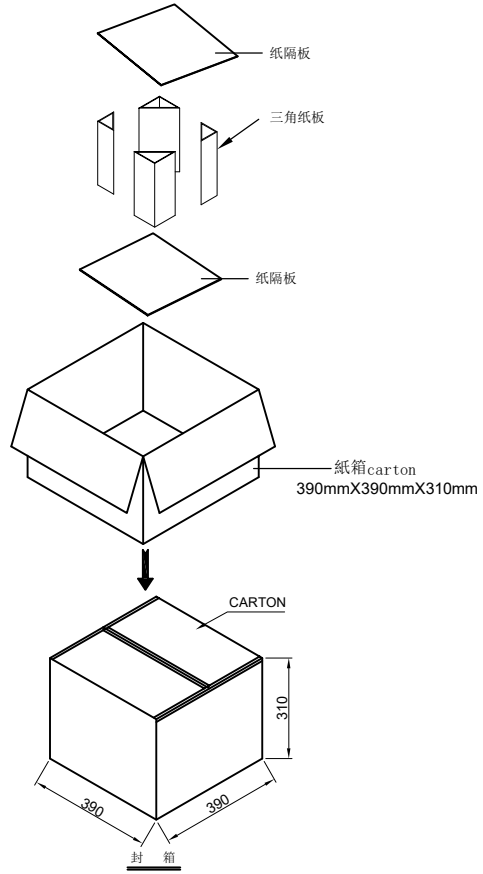




DETAIL:A
10:1







卷带	规格：ϕ380mm	包装数量：400PCS
纸箱	规格：390mmX390mmX310mm	包装数量：8盘 / 3200PCS

NO.	包材名称	用量	备 注
①	纸 箱	1	390*390*310mm,K=K
②	载 带	8	W=24mm,透明PET
③	自粘上带	/	自粘上带
④	塑胶卷轴	8	Ø380mm,W=24.5mm
⑤	保护带	8	透明色
⑥	隔 板	4	
⑦	三角板（护角）	2	
⑧	外箱标签	1	
⑨	美纹胶	32	
⑩	产品	3200	

描述：
1. 产品依以上图纸包装方式对成品进行包装, 载带前空10PCS, 从第11格开始放置产品, 放满400PCS后再将载带尾部空置10PCS不放产品, 再将自粘上带与载带粘好, 注意不可封孔. 然后用80-150mm美纹胶固定.
2. 产品包装好后再用保护带将载带固定在卷盘上, 再在四周贴上4PCS美纹胶,
3. 将1PCS隔板放入内箱底部, 再将8卷产品放入外箱中, 放上4PCS护角。
最后在最上层盖上1PCS隔板, 共计3200PCS/箱;
4. 纸箱封盖后, 再用封箱胶纸将纸箱口於“工”字型封好，并在外箱的右上角贴上外箱标签环保标签;
5. 未满之零数箱，需以缓冲材料填满，并粘贴尾数标签.

GENERAL TOLERANCES (UNLESS SPECIFIED)		DRAWN BY: HuangXiaoHao	Date: 2024.04.06
X.XXX	±0.10	CHECKED BY: liuzongliang	Date: 2024.04.06
X.XX	±0.20	APPROVED BY: Jacky	Date: 2024.04.06
X.X	±0.30		
ANGULAR	±3°		
THIRD ANGLE PROJECTION		UNT: mm	SCALE: 1:1

深圳市中科兴达科技有限公司
Shenzhen Zhongke Xingda Technological Co;Ltd.

TITLE: USB TYPE-C FEMALE 16PIN UPRIGHT SMTCH=7.2		
PART NO.: CF616-006SLB11R-02	DWG NO.: CF616-006-02	
DRAWING: A4	SHEET NO.: 3 OF 3	REV.: B