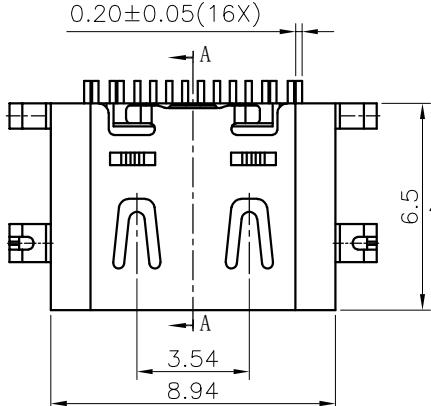
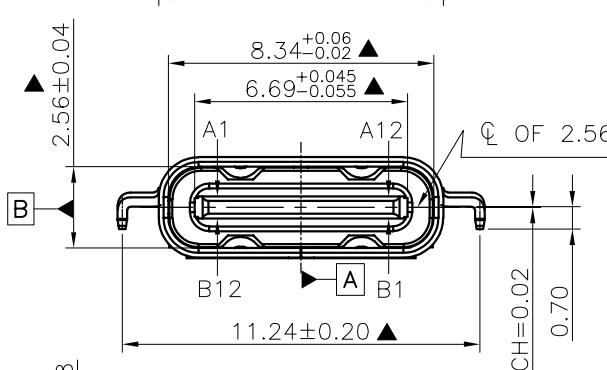


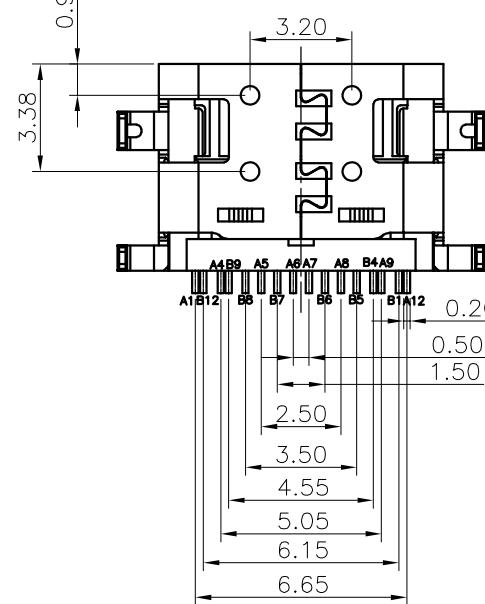
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 $0.20 \pm 0.05(16X)$

A



B



C

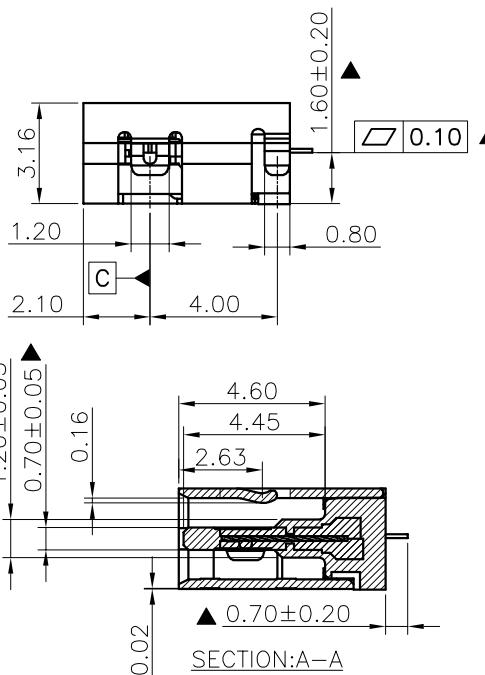
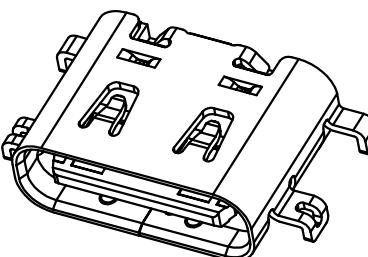
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E

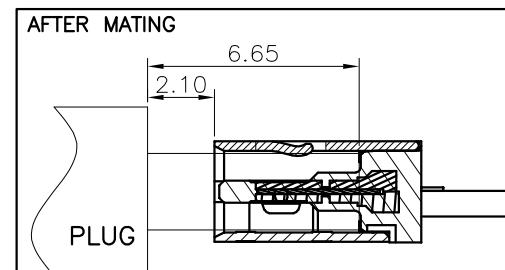
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TID NO.	3379
IEC62680-1-3认证	24B01N000451-001-COM

REV	ECN No.	DATE	REMARK
A0	NEW	2019.11.20	NEW RELEASE
B	ECN202105002	2021.05.06	增加真空包装料号规格
C	---	2024.02.20	更新新图框



SECTION:A-A



AFTER MATING

PLUG

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: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.SALT SPRAY:24H
 7. With ▲ for the key control size

8.PART NUMBER CODE:
 CF178-16 S X X XX X - 01

PACKING OPTIONS:
 R:TAPE & REEL
 VR:TAPE & REEL+真空包装

CONTACTS PLATED:
 12:Contact Area: Au 3u" Solder Tails:GF
 15:Contact Area: Au 30u" Solder Tails:GF

HOUSING COLOR:
 B:BLACK
 W:WHITE
 L:BLUE

HOUSING MATERIALS:
 C:PA9T
 L:LCP

序号	PART NO.	REMARKS	PACKING
1	CF178-16SLB12R-01	LCP黑色接触镀金3u"φ0.12	TAPE & REEL
2	CF178-16SCB12R-01	PA9T黑色接触镀金30u"φ0.12	TAPE & REEL
3	CF178-16SLB15R-01	LCP黑色接触镀金30u"φ0.15	TAPE & REEL
4	CF178-16SLB12W-01	LCP黑色接触镀金3u"φ0.12	TAPE & REEL+真空包装
5	CF178-16SLW12R-01	LCP白色接触镀金3u"φ0.12	TAPE & REEL

PIN DEFINITION:

PIN No.	A1	A4	A5	A6	A7	A8	A9	A12
SIGNAL NAME	GND	VBus	CC1	D+	D-	SBU1	VBus	GND

PIN No.	B12	B9	B8	B7	B6	B5	B4	B1
SIGNAL NAME	GND	VBus	SBU2	D-	D+	CC2	VBus	GND

TABLE:

NO	PART	Q'TY	Material
1	SHELL	1	STAINLESS STEEL 304, BLACK NI 30u" MIN PLATED
2	Mid Plate	1	STAINLESS STEEL 301, NO PLATED
3	CONTACT	16	COPPER STEEL C18400,Au 3u"Plated On Vontact Area GF Plated On Solder Area;Nickel 50u"Min Underplating Over All.
4	HOUSING	1	LCP/PA9T UL94 V-0

PART NO.: SEE THE PART NUMBER CODE DRAWN BY: HuangXiaoHao

GENERAL TOLERANCES CHECKED BY: liuzongliang

X.XXXX	± ---
X.XXX	± 0.10
X.XX	± 0.20
X.X	± 0.30
ANGULAR	± 3°

APPROVED BY: Jacky

THIRD ANGLE PROJECTION

DIMENSIONS mm 1:1 4mm 1 OF 2 DWG.NO. CF178-16-01

ZDT 深圳市中科兴达科技有限公司
 SHENZHEN ZDT TECHNOLOGY CO.,LTD

TITLE
 USB TYPE-C FEMALE 16PIN (L=6.5)
 沉板1.6外壳带弹片款

10 9 8 7 6 5 4 3 2 1

10 9 8 7 6 5 4 3 2 1

REV	ECN No.	DATE	REMARK
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C	---	2024.02.20	更新新图框

F

F

E

E

D

D

C

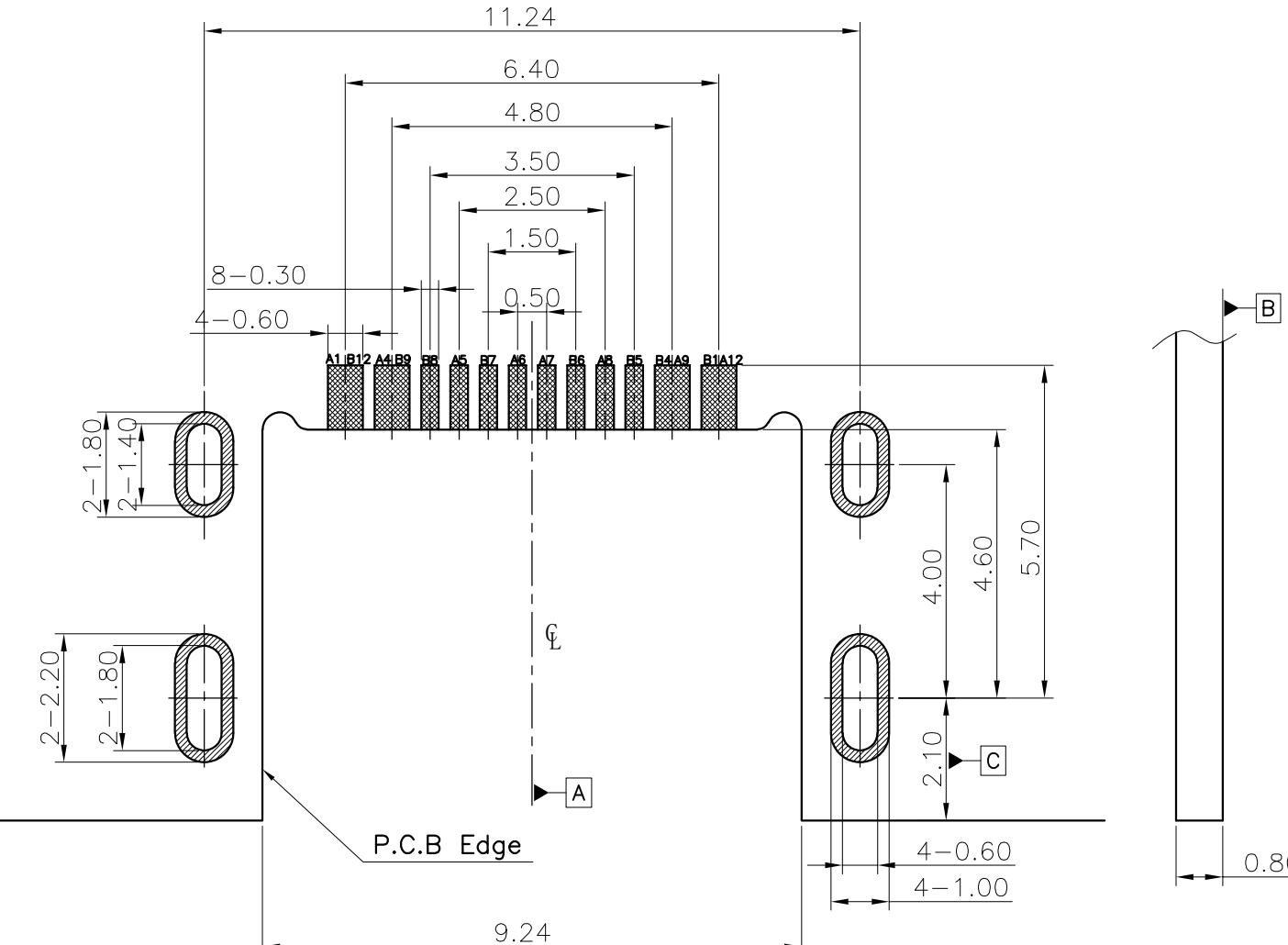
C

B

B

A

A



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.XXXX	± ---				
X.XXX	± 0.10	APPROVED BY: Jacky			
X.XX	± 0.20				
X.X	± 0.30		THIRD ANGLE PROJECTION		
ANGULAR	± 3°		DIMENSIONS	SCALE	DRAWING
			mm	1:1	A4
				2 OF 2	CF178-16-01

10 9 8 7 6 5 4 3 2 1

3 2 1