

RoHS
Compliant



THIS DRAWING CONTAINS INFORMATION THAT IS
PROPRIETARY TO ZDT TECHNOLOGY, AND SHOULD
NOT BE USED WITHOUT WRITTEN PERMISSION

REV	ECN No.	DATE	REMARK
A	NEW	2017.08.31	NEW RELEASE
B	ECN202105002	2021.05.06	增加真空包装料号规格

NOTE:

- Electrical Characteristics:
1-1: Current Rating: 5A For Pin(A4,A9,B4,B9)
1.25A For Pin(B5)
0.25A For Others Pin
1-2: VOLTAGE RATING:5.0V
1-3: Insulation Resistance: 100MΩ Min.
1-4: Contact Resistance:
VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
SHIELD:50mΩ/MAX.
SHIELD:LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
1-5: Dielectric Withstanding Voltage: 100V/AC 1Minute
- Mechanical Characteristics:
Insertion Force: 5~20N
Extraction Force: Initial: 8~20N
After durability: 6~20N
Durability :10000 Cycles
- Operating Temperature: -25°C TO +85°C

4. PART NUMBER CODE:(产品料号)

Z-CF061 X L B XX XX - A - 02
(1)(2) (3)(4) (5)

(1) HOUSING MATERIAL:

S:外壳无LOGO

L:外壳带ZDTCONN LOGO

(2) HOUSING MATERIAL:

L:LCP

C:PA9T

(3) HOUSING COLOR:

B:BLACK

(4) CONTACTS PLATED:

12:接触镀金3u"其它GF

15:接触镀金30u"其它GF

24:接触区镀钎银30u"焊接区单面镀金3U"

(5) PACKING OPTIONS

R:卷装(常用料)

VR:卷装+真空包装(专用客户指定包规)

TYPE:

4	SHELL	SUS304 1/2H T=0.30mm	NICKEL 30u" MIN PLATING	1PCS
3	SHIELDING PLATE	SUS301 3/4H T=0.15mm	---	1PCS
2	CONTACT	C18400-H T=0.12mm	NI 50u" MIN. UNDER PLATED OVER ALL. Au PLATED ON THE FUNCTIONAL AREA OF CONTACT. PLATING G/F OF THE SOLDER AREA	2SET
1	HOUSING	LCP/PA9T UL94V-0	BLACK	1PCS
NO.	DESCRIPTION	MATERIAL	REMARKS	QTY

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
SAM

DATE
2021.05.06

QUALITY SYMBOL		GENERAL TOLERANCES (UNLESS SPECIFIED)	
	x.xxxx	±	---
	x.xxx	±	0.10
	x.xx	±	0.20
	x.x	±	0.30
	ANGULAR	±	--°

TITLE
USB CF 16PIN (L=6.5) 沉板0.8

DWG.NO.
CF061-02

SHEET NO.
1 OF 2

DIMENSION STYLE
MM ONLY

DESIGN UNITS
METRIC

SCALE
1:1

CHECKED BY
JAY

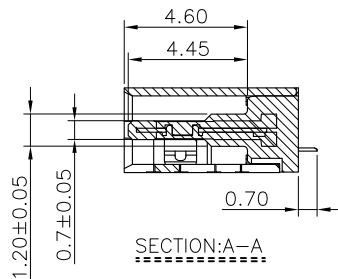
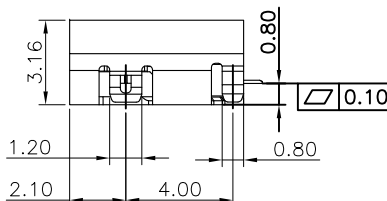
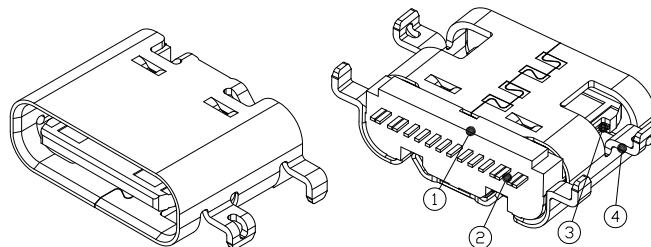
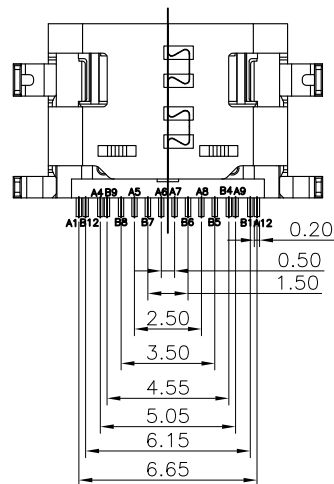
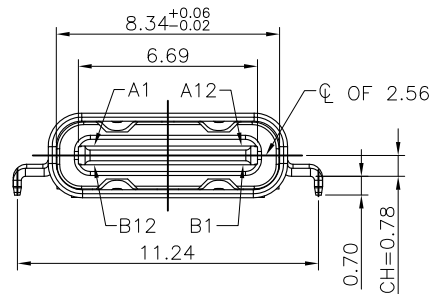
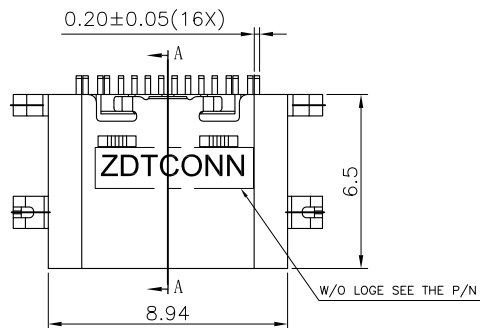
DATE
2021.05.06

APPROVED BY
JACKY

DATE
2021.05.06

THIRD ANGLE
PROJECTION

frame size: A4

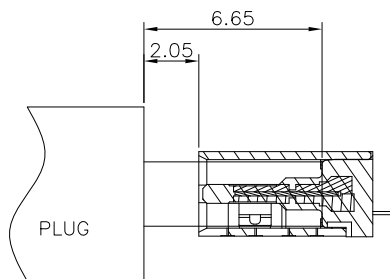


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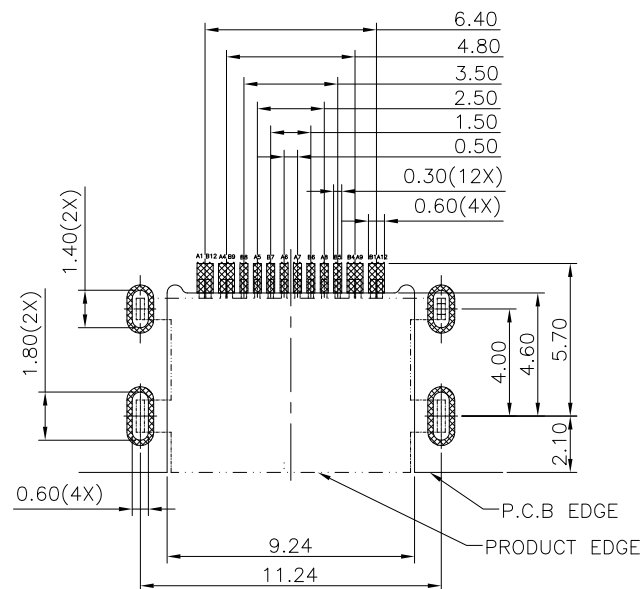


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AFTER MATING



RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 0.80MM;DEFAULT TOLERANCE:±0.05

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 SAM	DATE 2021.05.06			
QUALITY SYMBOL ▽=0 ▽=0 ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		TITLE USB CF 16PIN (L=6.5) 沉板0.8					
	x.xxxx	± ---	DWG.NO. CF061-02	SHEET NO. 2 OF 2	CHECKED BY JAY	DATE 2021.05.06		
	x.xxx	± 0.10						
	x.xx	± 0.20	DIMENSION STYLE MM ONLY	DESIGN UNITS METRIC	APPROVED BY JACKY	DATE 2021.05.06		
	x.x	± 0.30					SCALE 1:1	 THIRD ANGLE PROJECTION
	ANGULAR	± --°						

frame size: A4