

REV	ECN No.	DATE	REMARK
A	NEW	2021.02.03	NEW RELEASE
B	ECR20230422-002	2023.4.22	统一变更为9T料

NOTE:

1. 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

2. Mechanical Characteristics:

Insertion Force: 5~20N

Extraction Force: Initial: 8~20N

After durability: 6~20N

Durability :10000 Cycles

3. Operating Temperature: -25°C TO +85°C

4. PART NUMBER CODE:

Z-CF059S C B XX XX - A - 02
(1) (2)(3) (4)

(1) HOUSING MATERIAL:

C:PA9T

(2) HOUSING COLOR:

B:BLACK

(3) CONTACTS PLATED:

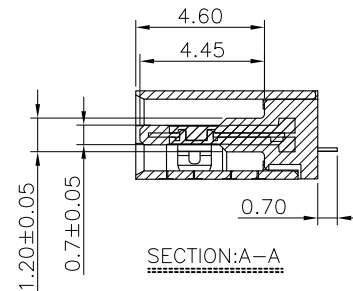
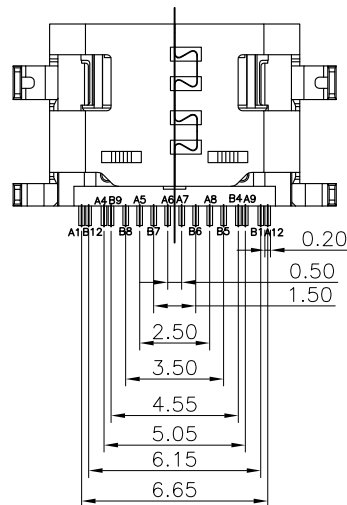
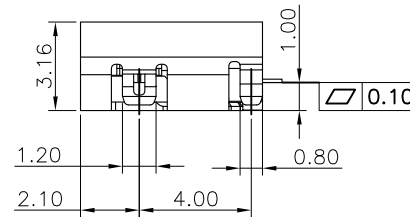
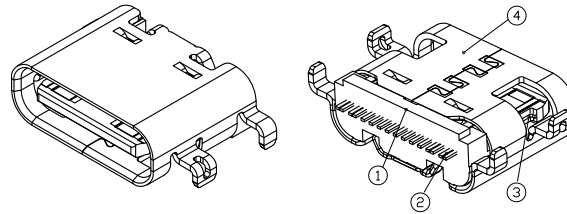
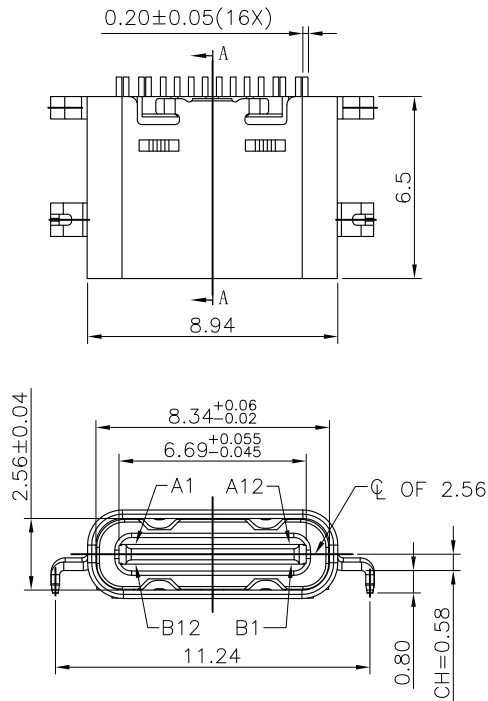
12:接触镀金3u"其它GF

15:接触镀金30u"其它GF

(4) PACKING OPTIONS

R:卷装(常用料)

VR:卷装+真空包装(专用客户指定包规)



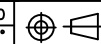
TYPE:

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	PA9T UL94V-0	BLACK	1PCS	
NO.	DESCRIPTION	MATERIAL	REMARKS	QTY	

PART NO.:

SEE THE PART NUMBER CODE

QUALITY SYMBOL	GENERAL TOLERANCES
0	x.xxxx ± ---
1	x.xxx ± 0.10
2	x.xx ± 0.20
3	x.x ± 0.30
4	ANGULAR ± ---

 深圳市中科兴达科技有限公司
SHENZHEN ZDT TECHNOLOGY CO., LTDTITLE
USB TYPE-C 16PIN MID-MOUNT 1.0 L=6.5THIRD ANGLE
PROJECTIONUNIT
mmSCALE
1:1SHEET NO.
1 OF 2

DRAWN BY: SAM

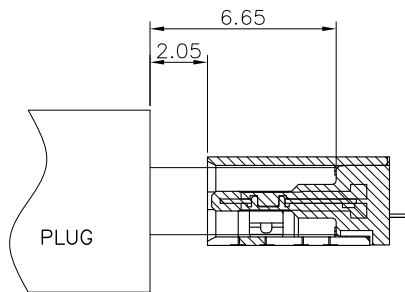
CHECKED BY: JAY

APPROVED BY: JACKY

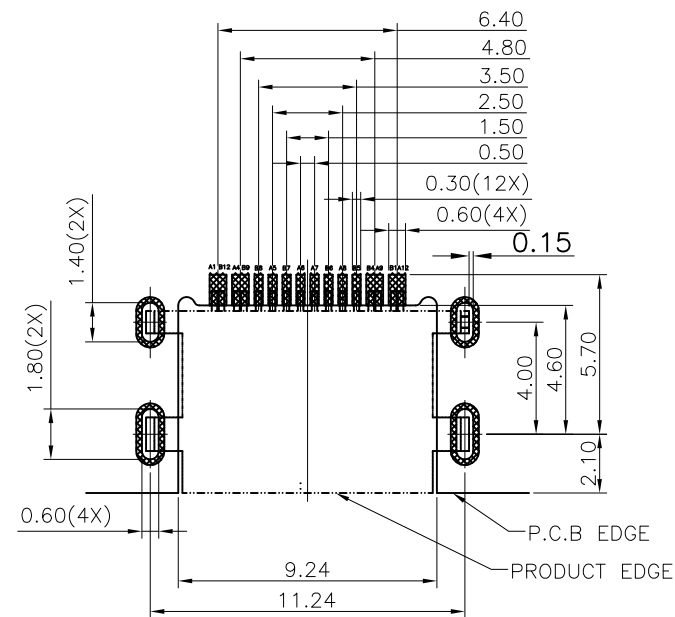
DWG.NO.
Z-CF059-02

frame size: A4

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AFTER MATING



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

PIN DEFINITION:

PIN No.	A1	A4	A5	A6	A7	A8	A9	A12
	GND	VBUS	CC1	D+	D-	SBU1	VBUS	GND
	GND	VBUS	SBU2	D-	D+	CC2	VBUS	GND
PIN No.	B12	B9	B8	B7	B6	B5	B4	B1

PART NO.:		 深圳市中科兴达科技有限公司 SHENZHEN ZDT TECHNOLOGY CO., LTD				DRAWN BY: SAM	
SEE THE PART NUMBER CODE						CHECKED BY: JAY	
QUALITY SYMBOL     	GENERAL TOLERANCES		TITLE USB TYPE-C 16PIN MID-MOUNT 1.0 L=6.5				APPROVED BY: JACKY
	x.xxxx	± ---					DWG.NO.
	x.xxx	± 0.10	 THIRD ANGLE PROJECTION	UNIT mm	SCALE 1:1	SHEET NO. 2 OF 2	Z-CF059-02
	x.xx	± 0.20					
	x.x	± 0.30					
ANGULAR		± ---°					