

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	2018.3.20	NEW RELEASE
B	ECN2103003	2021.03.30	LCP变更为PA9T
C	ECN2108003	2021.08.18	增加卷装+CAP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-CF079S X B 12 X -A-01
(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

(4) PLATING OPTIONS

T:TRAY

R:Reel+CAP

TYPE:

5	COVER	SUS304 1/2H T=0.20mm	NICKEL 30u" MIN PLATING	1PCS	
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	COPPER ALLOY T=0.12mm	NI 50u" MIN. UNDER PLATED OVER ALL. Au 3u" PLATED ON THE FUNCTIONAL AREA OF CONTACT. PLATING OF THE SOLDER AREA	2SET	
1	HOUSING	PA9T UL94V-0	BLACK	1PCS	
NO.	DESCRIPTION	MATERIAL	REMARKS	QTY	

PART NO.:

SEE THE PART NUMBER CODE

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

DRAWN BY DATE
SAM 2021.08.18

CHECKED BY DATE
JAY 2021.08.18

APPROVED BY DATE
JACKY 2021.08.18

QUALITY SYMBOL
0

GENERAL TOLERANCES
(UNLESS SPECIFIED)

x.xxxx	± ---
x.xxx	± 0.10
x.xx	± 0.20
x.x	± 0.30
ANGULAR	± ---°

TITLE

USB C F 14PIN FLAG TYPE

DWG.NO.

CF079-01

SHEET NO.

1 OF 2

DIMENSION STYLE

MM ONLY

DESIGN UNITS

METRIC

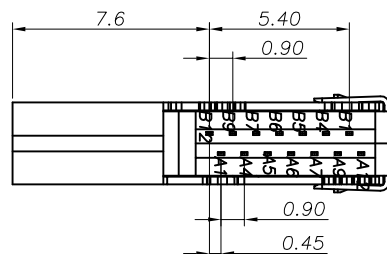
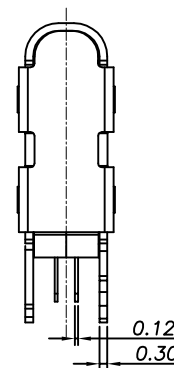
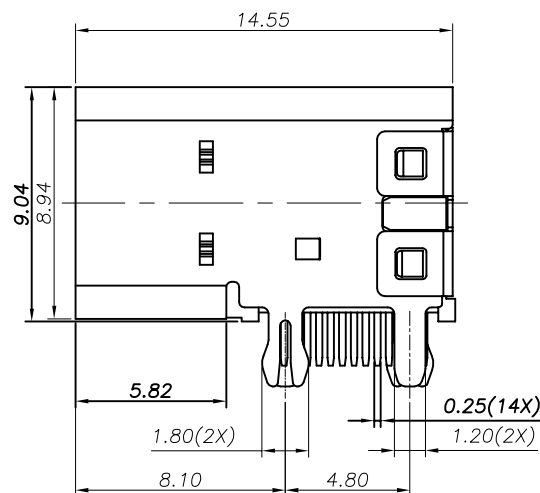
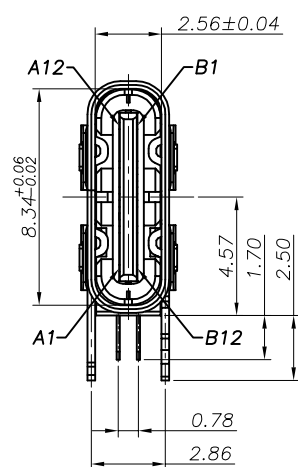
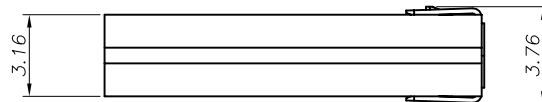
SCALE

1:1

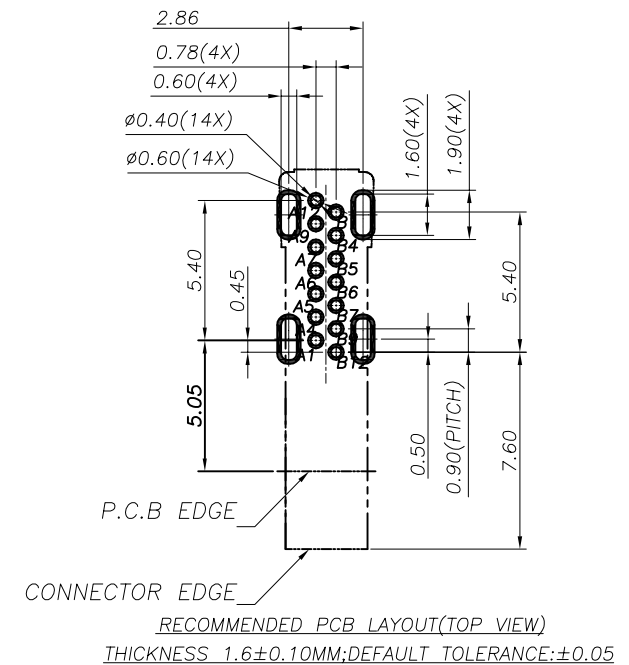
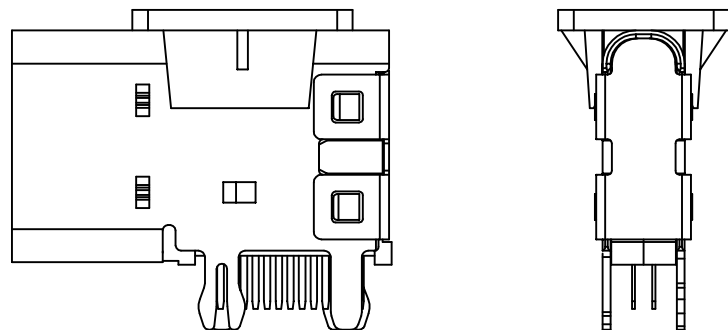
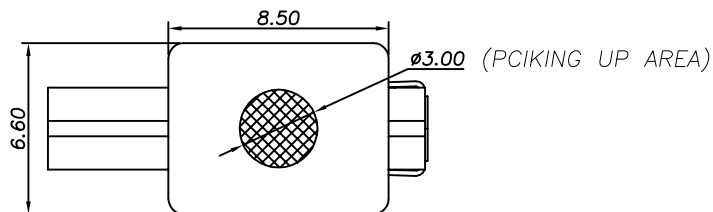
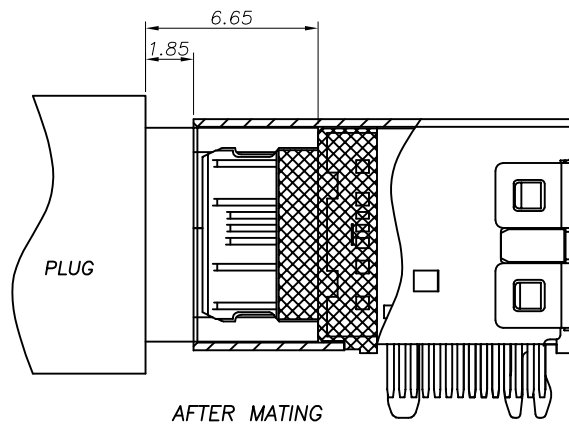
THIRD ANGLE

PROJECTION

frame size: A4



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USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1		
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
		B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

PART NO.:		 深圳市中科兴达科技有限公司 SHENZHEN ZDT TECHNOLOGY CO., LTD				DRAWN BY		DATE	
SEE THE PART NUMBER CODE						SAM		2021.08.18	
QUALITY SYMBOL 0 ▽=0 0									