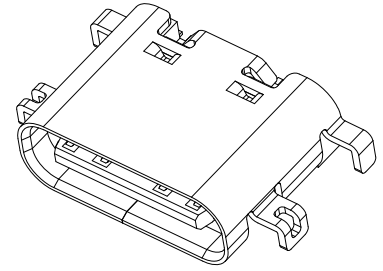
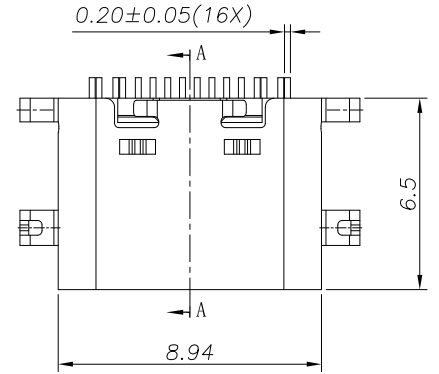


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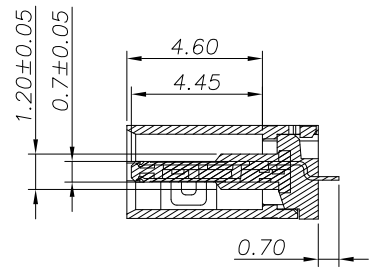
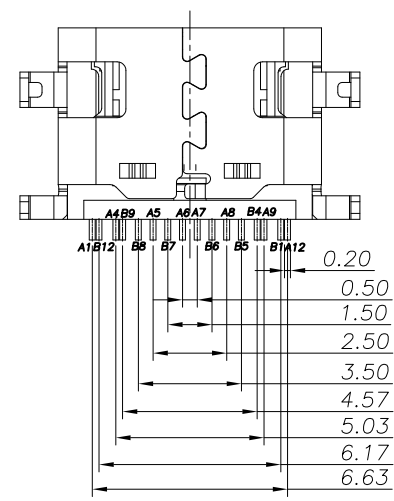
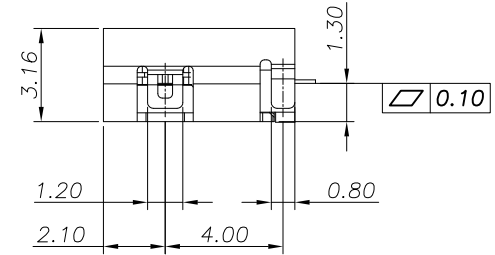
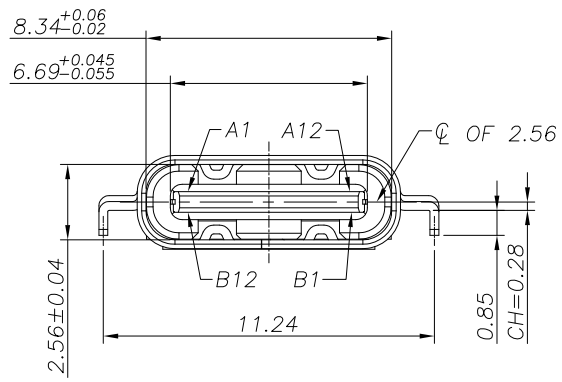
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO ZDT TECHNOLOGY, AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

REV	ECN No.	DATE	REMARK
A0	NEW	2017.10.13	NEW RELEASE
A	--	2019.05.25	UPDATE THE DRAWING



NOTE:

- MATERIAL SPECIFICATION:
  - HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,PA9T UL94 V-0.
  - CONTACTS:COPPER ALLOY C1815 T=0.12
  - MID PLATE: STAINLESS STEEL SUS301 T=0.15
  - FRONT SHELL: STAINLESS STEEL SUS304 T=0.30
- PLATING SPECIFICATION:
  - CONTACTS:
    - Ni 50u" MIN. UNDER PLATED OVER ALL.
    - Au PLATED ON THE FUNCTIONAL AREA OF CONTACT. (GOLD PLATING THICKNESS FOLLOW THE P/N)
    - PLATING SPECIFICATIONS OF THE SOLDER AREA FOLLOW THE P/N
  - FRONT SHELL:
    - Ni 30u" MIN. UNDER PLATED OVER ALL.
  - MID PLATE:
    - CLEAR ONLY
- MECHANICAL PERFORMANCE,
  - INSERTION FORCE: 0.5~2.0kgf.
  - REMOVAL FORCE: 0.8kgf~2.0kgf.
  - DURABILITY: 10000 CYCLES.
- ELECTRICAL PERFORMANCE,
  - CURRENT RATING:5.0A  
VOLTAGE RATING:5.0V
  - LLCR:
    - VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
    - SHIELD: 50mΩ/MAX.
    - LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
  - INSULATION RESISTANCE: 100MΩ MIN
  - DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
- ENVIRONMENTAL PERFORMANCE:
  - OPERATING TEMPERATURE: -25°C~+85°C.
- IR REFLOW:
  - THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.



8. PART NUMBER CODE:  
CF129 - 16 S C X XX R - 01  
(1) (2)

(1) HOUSING COLOR:  
B:BLACK

(2) CONTACTS PLATED:  
12:接触镀金3u"焊接区域镀金1u"

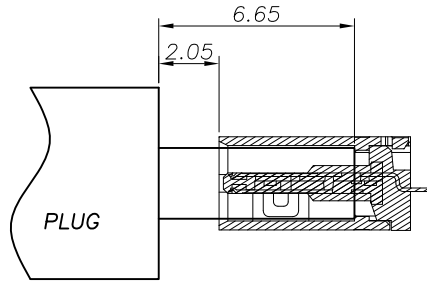
PART NO.: SEE THE PART NUMBER CODE		深圳市中科兴达科技有限公司 SHENZHEN ZDT TECHNOLOGY CO., LTD		DRAWN BY SAM	DATE 2019.05.25
GENERAL TOLERANCES (UNLESS SPECIFIED)		TITLE USB CF 16PIN (L=6.5)MID-MOUNT 1.30mm		CHECKED BY JAY	DATE 2019.05.25
QUALITY SYMBOL		DWG.NO. CF129-16-01		APPROVED BY JACKY	DATE 2019.05.25
0		SHEET NO. 1 OF 3		THIRD ANGLE PROJECTION	
0		SCALE 1:1		frame size: A4	
0		DIMENSION STYLE MM ONLY			
0		DESIGN UNITS METRIC			
0		ANGULAR			

F  
E  
D  
C  
B  
A

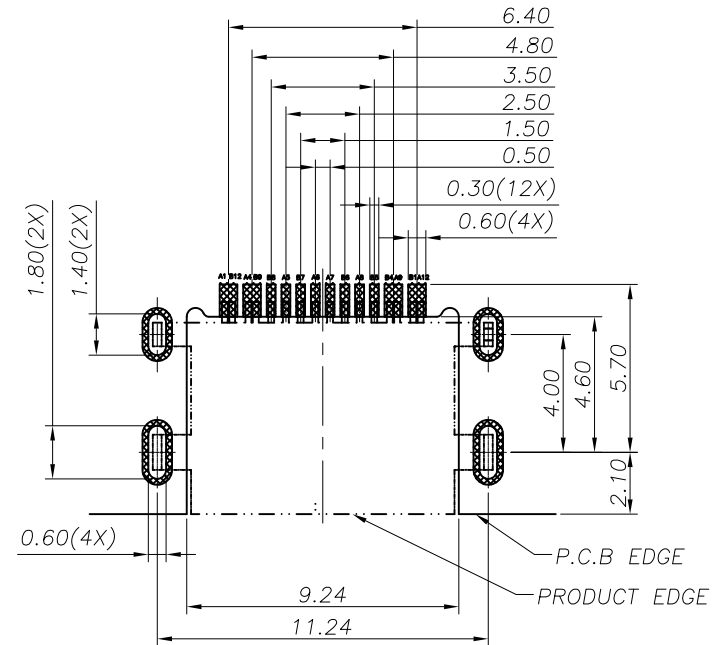
RoHS Compliant

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A0	NEW	2017.10.13	NEW RELEASE
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AFTER MATING



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

USB TYPE-C PIN ASSIGNMENTS

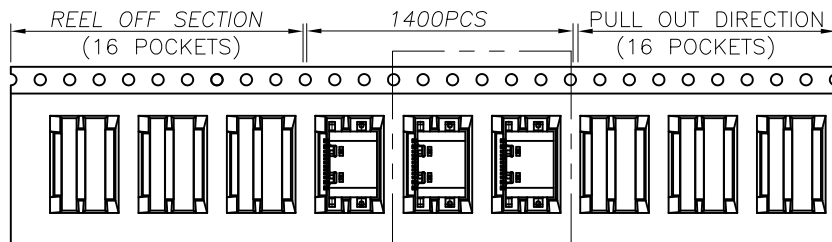
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

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 2019.05.25
QUALITY SYMBOL 0 0 0 0 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		TITLE USB CF 16PIN (L=6.5)MID-MOUNT 1.30mm		
	x.xxxx	± ---	CHECKED BY JAY		
	x.xxx	± 0.10	DATE 2019.05.25		
	x.xx	± 0.25	APPROVED BY JACKY		
	x.x	± 0.30	DATE 2019.05.25		
ANGULAR	± ---°	DWG.NO. CF129-16-01	SHEET NO. 2 OF 3	THIRD ANGLE PROJECTION	
		DIMENSION STYLE MM ONLY	DESIGN UNITS METRIC	SCALE 1:1	

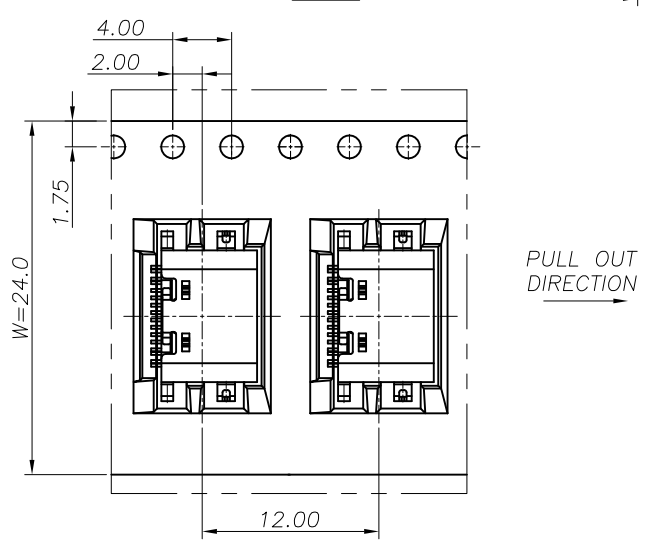
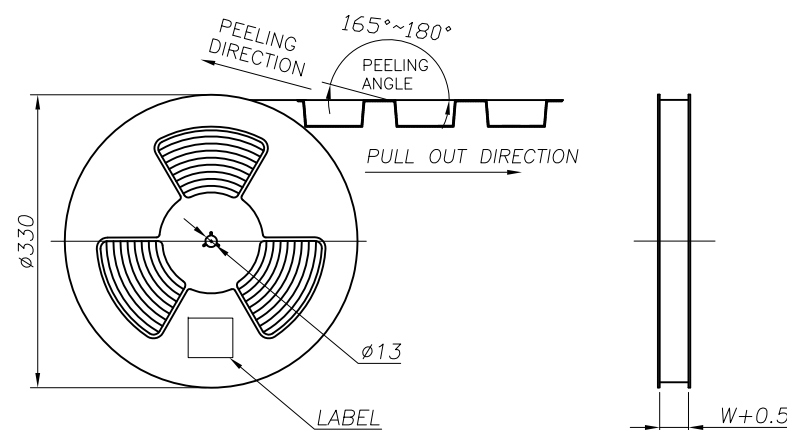
RoHS Compliant 

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REV	ECN No.	DATE	REMARK
A0	NEW	2017.10.13	NEW RELEASE
A	--	2019.05.25	UPDATE THE DRAWING



SEE DETAIL X



PAPER BOARD

REEL AND TAPE

REEL AND TAPE

PAPER BOARD

FOLDER PAPER BOARD

CARTON

	REEL	CARTON
CONNECTOR (PCS)	1400	14000

PART NO.: SEE THE PART NUMBER CODE		<b>ZDT</b> 深圳市中科兴达科技有限公司 SHENZHEN ZDT TECHNOLOGY CO., LTD		DRAWN BY SAM	DATE 2019.05.25
GENERAL TOLERANCES (UNLESS SPECIFIED)		TITLE USB CF 16PIN (L=6.5)MID-MOUNT 1.30mm			
QUALITY SYMBOL		DWG.NO. CF129-16-01		SHEET NO. 3 OF 3	
0		DIMENSION STYLE MM ONLY		SCALE 1:1	
0		DESIGN UNITS METRIC		APPROVED BY JACKY	
0		ANGULAR		DATE 2019.05.25	
		THIRD ANGLE PROJECTION			

frame size: A4