

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

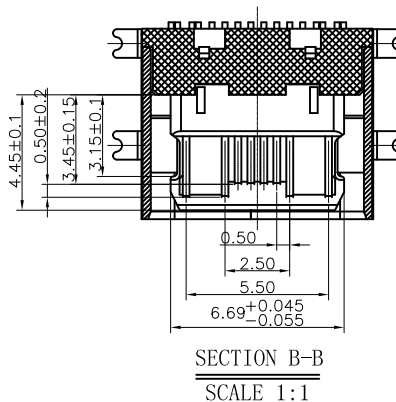
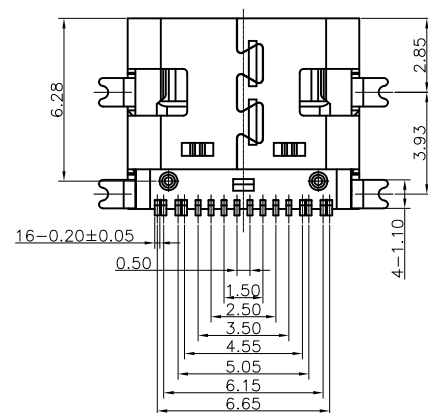
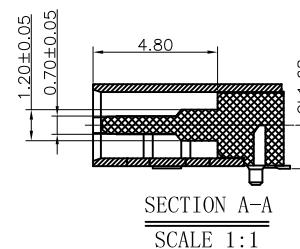
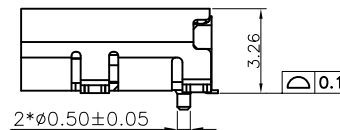
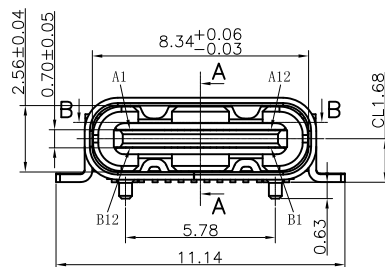
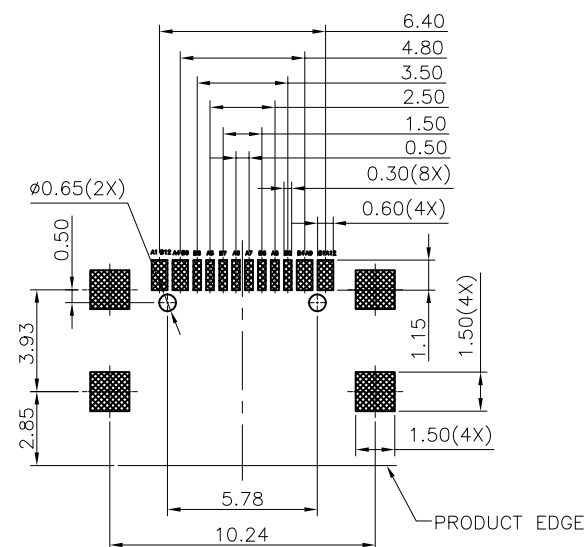
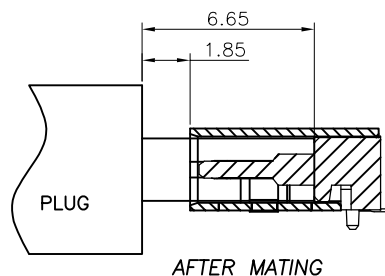


TABLE:			
NO	PART	Q'TY	Material
1	SHELL	1	STAINLESS STEEL,Ni PLATED 30u"Min
2	CONTACT	16	COPPER STEEL,Ni 50u"Min;Au u"
3	MID PLATE	1	STAINLESS STEEL,NO PLATING
4	MD HOUSING	1	HIGH TEMPERATURE RESISTANT PLASTIC BLACK UL94 V-0

PART NO.: SEE THE PART NUMBER CODE		 深圳市中兴科兴达科技有限公司 SHENZHEN ZDT TECHNOLOGY CO., LTD		DRAWN BY SAM		DATE 2021.09.10				
QUALITY SYMBOL     	GENERAL TOLERANCES (UNLESS SPECIFIED)		TITLE USB CF 16PIN L=7.35 SMT TYPE		CHECKED BY JAY		DATE 2021.09.10			
	X.XXXX ± ---		DWG.NO. CF278-16-02		SHEET NO. 1 OF 2		APPROVED BY JACKY		DATE 2021.09.10	
	X.XXX ± 0.10									
	X.XX ± 0.20									
	X.X ± 0.30									
ANGULAR ± ---°		DIMENSION STYLE MM ONLY		DESIGN UNITS METRIC		SCALE 1:1		 THIRD ANGLE PROJECTION		

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	2021.06.03	NEW RELEASE
B	ECN2109001	2021.09.10	统一规格取消外壳底部4个凸包



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

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SEE THE PART NUMBER CODE				SAM		2021.09.10				
QUALITY SYMBOL 	GENERAL TOLERANCES (UNLESS SPECIFIED)		TITLE USB CF 16PIN L=7.35 SMT TYPE				CHECKED BY		DATE	
	x.xxxx						JAY		2021.09.10	
	x.xxx		DWG.NO.		SHEET NO.		APPROVED BY		DATE	
	x.xx		CF278-16-02		2 of 2		JACKY		2021.09.10	
	x.x		DIMENSION STYLE		DESIGN UNITS		SCALE		THIRD ANGLE	
	ANGULAR		MM ONLY		METRIC		1:1		 THIRD ANGLE PROJECTION	