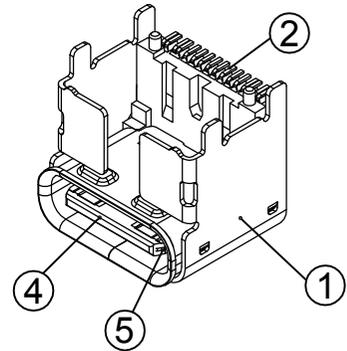
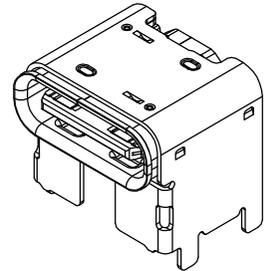
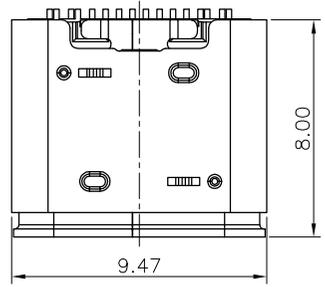
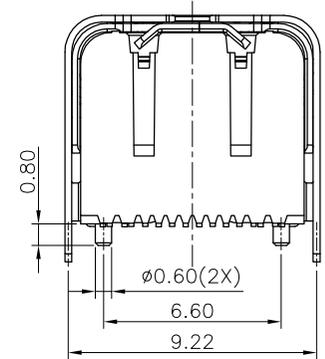
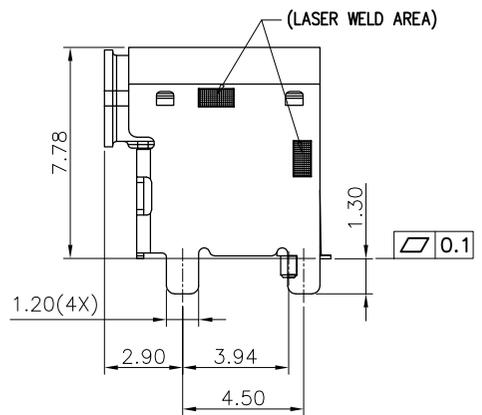
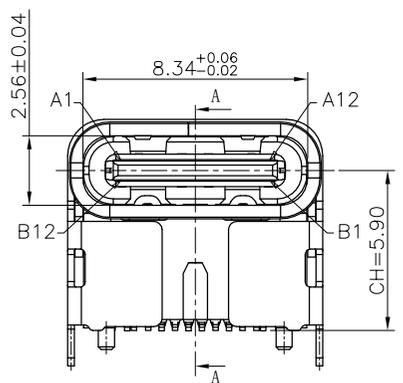


REV	ECN No.	DATE	REMARK
A	NEW	2015.05.10	NEW RELEASE
B	NEW	2019.10.21	修改外壳
C	ECN2103002	2021.03.24	修正图纸料号规格描述



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
- PART NUMBER CODE:(产品料号)



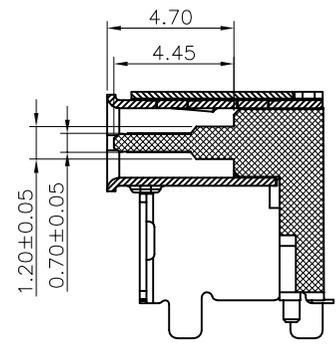
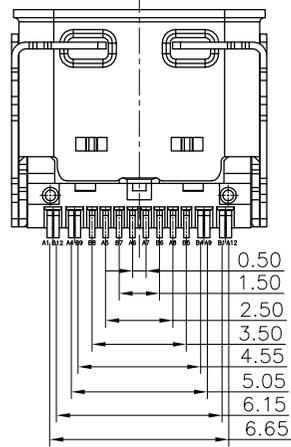
CF042-16 L B XX R - C - 02
(1) (2) (3) (4)

(1) HOUSING MATERIAL:
L:LCP

(2) HOUSING COLOR:
B:BLACK

(3) CONTACTS PLATED:
12:接触区镀金30u"焊镀区G/F
15:接触区镀金30u"焊镀区G/F

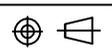
(4) PACKING OPTIONS
R:TAPE & REEL



SECTION A-A
SCALE 1:1

TABLE:

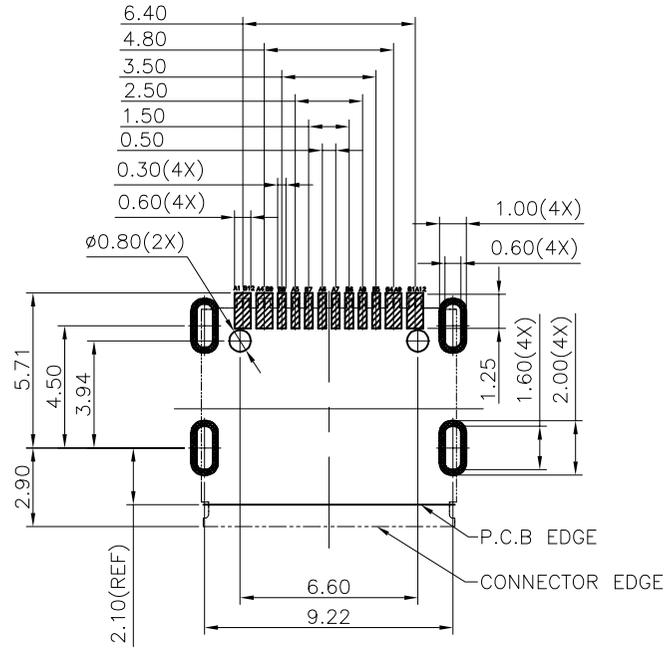
NO	PART	Q'TY	Material
1	INNER SHELL	1	STAINLESS STEEL SUS304 T=0.30mm,Ni PLATED 30u"Min
2	OUTER SHELL	1	STAINLESS STEEL SUS304 T=0.25mm,Ni PLATED 30u"Min
3	CONTACT	16	COPPER STEEL,C18400 T=0.12mm,Ni 50u"Min;Au u"
4	MID PLATE	1	STAINLESS STEEL,SUS301 T=0.15 NO PLATING
5	MD HOUSING	1	HIGH TEMPERATURE RESISTANT PLASTIC LCP BLACK UL94 V-0

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 2021.03.24	
QUALITY SYMBOL 0 ∇ 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		TITLE TYPE C 16P母座 单排SMT垫高4.3 CH5.9			
	x.xxxx	± ---	DWG.NO. CF042-16-02	SHEET NO. 1 OF 2	CHECKED BY JAY	DATE 2021.03.24
	x.xxx	± 0.10			APPROVED BY JACKY	DATE 2021.03.24
	x.xx	± 0.20	DIMENSION STYLE MM ONLY	DESIGN UNITS METRIC	SCALE 1:1	
x.x	± 0.30	 THIRD ANGLE PROJECTION				
ANGULAR	± ---°					

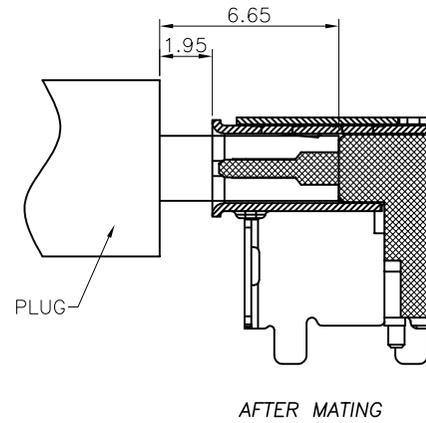
RoHS Compliant 

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

REV	ECN No.	DATE	REMARK
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RECOMMENDED PCB LAYOUT(TOP VIEW)



USB TYPE C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SUB2
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 2021.03.24	
QUALITY SYMBOL 0 0 0 0 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		TITLE TYPE C 16P母座 单排SMT垫高4.3 CH5.9			
	x.xxxx	± ---	DWG.NO. CF042-16-02	SHEET NO. 1 OF 1	CHECKED BY JAY	DATE 2021.03.24
	x.xxx	± 0.10			APPROVED BY JACKY	DATE 2021.03.24
	x.xx	± 0.20	DIMENSION STYLE MM ONLY	DESIGN UNITS METRIC	SCALE 1:1	
	x.x	± 0.30	THIRD ANGLE PROJECTION			
ANGULAR	± ---°	frame size: A4				