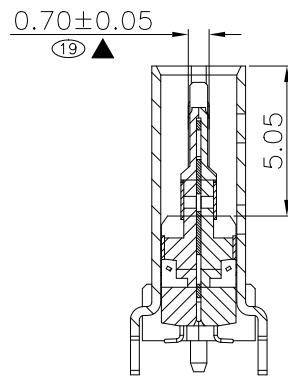
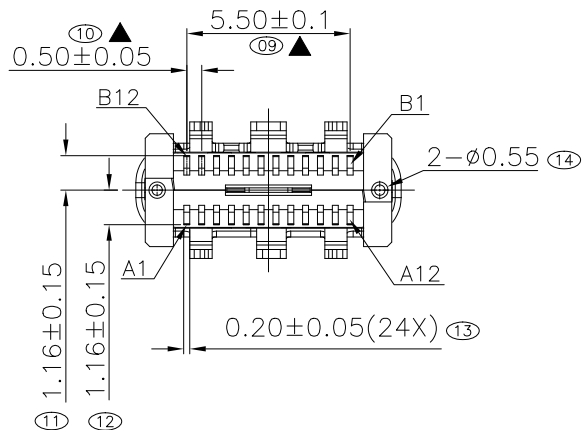
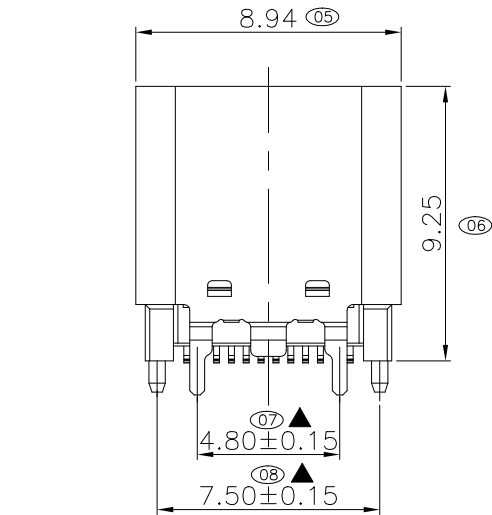
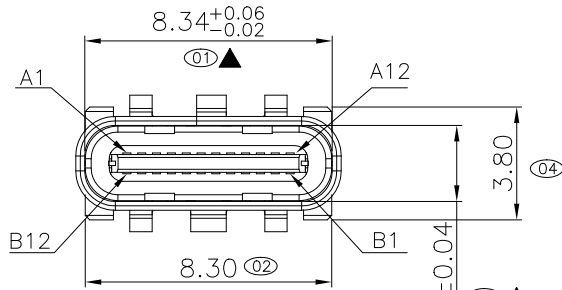
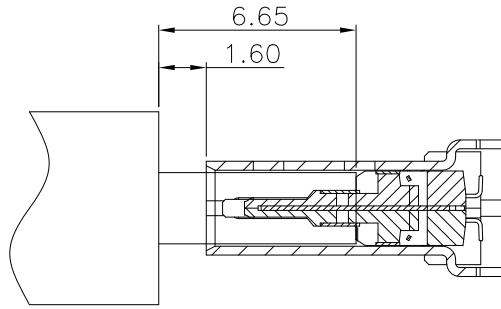




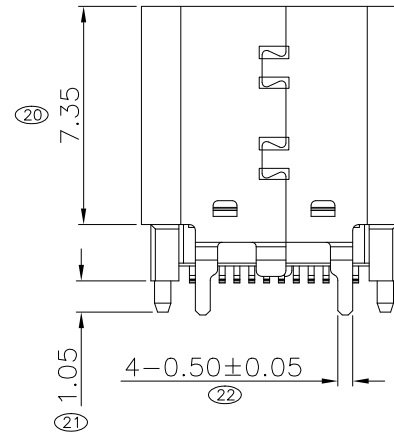
TYPE C协会认证TID NO. 2726



SECTION:A-A



AFTER MATING



NOTE:

- 1.MATERIAL SPECIFICATION:
1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC(LCP),UL94 V-0.
2.CONTACTS:COPPER ALLOY(C18150)T=0.12mm
3.MID PLATE: STAINLESS STEEL(SUS301)T=0.15mm
4.EMI PLATE: STAINLESS STEEL(SUS301)T=0.10mm
5.SHELL: STAINLESS STEEL(SUS304)T=0.30mm
- 2.PLATING SPECIFICATION:
2-1.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
2-2.FRONT SHELL&OUTER SHELL:
Ni 30u" MIN. UNDER PLATED OVER ALL.
2-3.MID PLATE:
CLEAR ONLY
2-4.EMI PLATE:
CLEAR ONLY
- 3.MECHANICAL PERFORMANCE,
3-1.INSERTION FORCE: 0.5~2.0kgf.
3-2.EXTRACTION FORCE: 0.8kgf~2.0kgf.
3-3.DURABILITY: 10000 CYCLES.
- 4.ELECTRICAL PERFORMANCE,
4-1. CURRENT RATING:5.0A
VOLTAGE RATING:5.0V
4-2. LLCR:
VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
SHIELD: 50mΩ/MAX.
LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
4-3.INSULATION RESISTANCE: 100MΩ MIN
4-4.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
5. ENVIRONMENTAL PERFORMANCE:
OPERATING TEMPERATURE: -25°C~+85°C.
- 6.IR REFLOW:
THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.
- 7.注: 带 "▲" 号的为重点管控尺寸
"⌀" 为尺寸号码球
8. PART NUMBER CODE:
Z-CF007SL X XX X -A-01
(1)(2)(3)

- (1) HOUSING COLOR: (2) CONTACTS PLATED: (3) 包装要求
B:BLACK 02:半金锡3u" L:卷装
N:本色 04:半金锡15u" R:卷装载带热封(不常做)
05:半金锡30u" VR:卷装+真空包装

TABLE:

1	Z-CF007SLB02R-A-01	BLACK	Au:3u"	Sn	Ni	载带热封(不常做)
2	Z-CF007SLB02L-A-01	BLACK	Au:3u"	Sn	Ni	载带冷封
3	Z-CF007SLB04L-A-01	BLACK	Au:15u"	Sn	Ni	载带冷封
4	Z-CF007SLB05L-A-01	BLACK	Au:30u"	Sn	Ni	载带冷封
5	Z-CF007SLB02VR-A-01	BLACK	Au:3u"	Sn	Ni	载带冷封+CAP+真空包装
6	Z-CF007SLN02L-A-01	本色	Au:3u"	Sn	Ni	载带冷封
ITEM	P/N	HOUSING COLOR	FUNCTIONAL AREA SOLDER AREA CONTACTS	SHELL PLATING	包装要求	

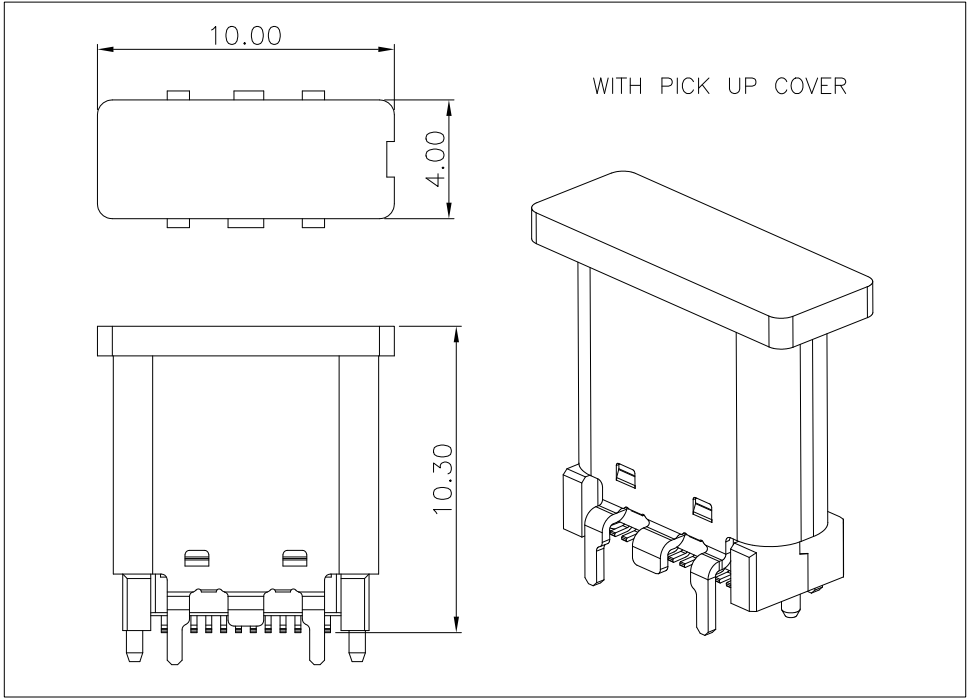
PART NO.:
SEE THE PART NUMBER CODEZDT 深圳市中科兴达科技有限公司
SHENZHEN ZDT TECHNOLOGY CO., LTDDRAWN BY
SAM
DATE
2023.03.21CHECKED BY
JAY
DATE
2023.03.21APPROVED BY
JACKY
DATE
2023.03.21THIRD ANGLE
PROJECTIONQUALITY SYMBOL
= 0 ∇ = 0
GENERAL TOLERANCES
(UNLESS SPECIFIED)
X.XXXX ± ---
X.XXX ± 0.10
X.XX ± 0.25
X.X ± 0.30
ANGULAR ± ---°TITLE
USB 3.1 TYPE C FEMALE VERTICAL
H9.25mm SMT TYPE
DWG.NO.
CF007-01
SHEET NO.
1 OF 2
SCALE
1:1
DIMENSION STYLE
MM ONLY
DESIGN UNITS
METRIC

frame size: A4



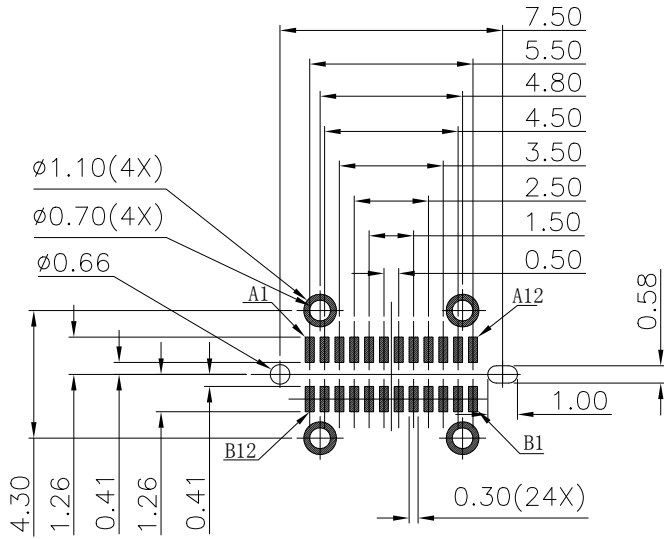
TYPE C协会认证TID NO. 2726

REV	ECN No.	DATE	REMARK
A0	NEW	2019.11.21	NEW RELEASE
B	ECR202303007	2023.03.21	修正图纸描述



USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	SSTXp1	B11	SSRXp1
A3	SSTXn1	B10	SSRXn1
A4	Vbus	B9	Vbus
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	Vbus	B4	Vbus
A10	SSRXn2	B3	SSTXn2
A11	SSRXp2	B2	SSTXp2
A12	GND	B1	GND



RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 1.5±0.10MM;DEFAULT TOLERANCE:±0.05

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 2023.03.21
QUALITY SYMBOL ▽ 0 ▽					